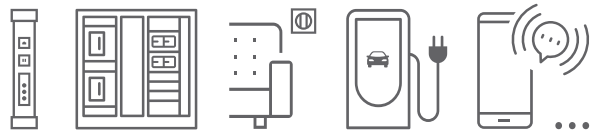
2023
2024

CATALOGUE



Products and systems for electrical and digital building infrastructures

#legrandImprovingLives

legrand®

MCBs, RCDs, DIN RAIL EQUIPMENT & SMART ELECTRICAL PANEL

P. 52 RX³ isolating switches, MCBs and RCCBs ≤ 63 A

P. 55 TX³ MCBs and RCCBs ≤ 63 A

P. 64 DX³ Stop Arc ≤ 20 A arc fault detection MCBs and RCBOs

P. 65 DX³ MCBs ≤ 125 A

P. 100 Programmable time switches

P. 112 EMDX³ & CX³ with Netatmo connected equipment for smart electrical pannel

ACBs, MCCBs & HEAD EQUIPMENT

P. 116 CX³ energy management system

P. 119 EMDX³ multi-function measuring units on door

P. 132 DRX thermal magnetic MCCBs ≤ 630 A

P. 159 DPX³ & DPX³ HP thermal magnetic and electronic MCCBs ≤ 1600 A

P. 200 DMX-SP & DMX³ ACBs ≤ 6300 A

P. 280 CTX³ 3-pole industrial contactors ≤ 800 A

ENCLOSURES & ACCESSORIES

P. 308 Convivio 3-phase distribution boards with fishbone busbar

P. 311 Nedbox 12 modules/row flush-mounting cabinets

P. 312 Practibox S 4 to 22 modules/row surface-mounting cabinets

P. 318 XL³ 125 18 modules/row surface-mounting distribution cabinets

P. 332 XL³ S & XL³ self-assembly distribution enclosures

P.411 Weatherproof cabinets: Plexo, Plexo³, Atlantic, Marina

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P. 482 Osmoz control and signalling units

P. 515 Green'up One electric vehicle charging station

P. 516 Green'up Premium electric vehicle charging station

P. 525 P 17 Tempra Pro industrial sockets & plugs

P. 551 Bells for industrial & alarm use

ARTEOR INTERNATIONAL WIRING ACCESSORIES & CONNECTED SOLUTIONS MYHOME & HOTEL EQUIPMENT

P. 558 Arteor wiring accessories

P. 594 Arteor plate selection charts

P. 606 Arteor with Netatmo international connected wiring accessories

P. 622 Arteor with Netatmo British standard connected wiring accessories

P. 638 MyHome BUS home automation system

P. 651 Hotel room equipment

BRITISH STANDARD WIRING ACCESSORIES

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P. 669 Belanko S

P. 678 Galion

P. 686 Mallia Senses and Mallia Senses with Netatmo

P. 714 Art d'Arnould

P. 716 Synergy

GERMAN & ITALIAN STANDARDS WIRING ACCESSORIES

P. 740 Kaptika

P. 743 Niloé

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P. 766 Living Now switches and push-buttons

P. 770 Living Now international standards socket outlets

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SURFACE-MOUNTING AND WEATHERPROOF WIRING ACCESSORIES & INSTALLATION EQUIPMENT

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P. 798 Soliroc IK 10 wiring accessories

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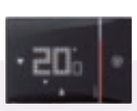
DOOR ENTRY SYSTEMS, NETATMO SAFETY DEVICES & HOME NETWORK SOLUTIONS

P. 840 Radio wireless chimes, other chimes and bells

P. 846 Door entry systems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LIGHTING MANAGEMENT & EMERGENCY LIGHTING

P. 895 Lighting Management BUS/KNX sensors

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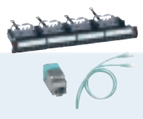
UPS, STRUCTURED CABLING, CABLE MANAGEMENT & WORKSTATION SOLUTIONS

P. 927 UPS systems

P. 941 Linkeo C structured cabling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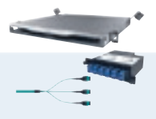
P. 1028 Data center solutions

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MOSAIC™ WIRING ACCESSORIES & SOLUTIONS FOR HEALTHCARE BUILDINGS

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P. 1184 Mosaic USB charging sockets

P. 1188 Mosaic RJ 45 data sockets

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P. 1209 BUS/SCS nurse call units

P. 1214 Isolating transformers for hospitals

legrand

SUSTAINABLE SAVINGS

Legrand solutions for energy efficiency in buildings

Design offices, engineers, contracting companies and investors are requesting solutions to reduce the carbon footprint and to increase the energy efficiency of their buildings. Legrand offers a comprehensive range of solutions for residential, commercial and industrial facilities to achieve optimum performance and to generate energy savings.

For more information about Legrand Energy Efficency solutions please contact your local sales representative.

ADVANCED MANAGEMENT

CX³ EMS

The Legrand measurement and supervision system has been developed with the aim of managing energy consumptions inside the building, guaranteeing reliability and continuity of service, for maximum system efficiency.

Up to 30% savings* with metering solution and active/control devices implementation

See p. 116-117

*Savings brought by measuring plan following EN 17265 bring in average 15% savings, to which can be added non structural actions allowing from 7 to 15% additional savings (depending on reference, above or below 150 kWh/m²). Source IFPEB (Cube 2020 study).

EFFICIENT POWER DISTRIBUTION

Green T.HE cast resin transformers

Superior energy efficiency in accordance to European and International standards and regulations (EN 2019/1783 and IEC EN 60076-11). Better design, precision manufacturing and high-quality raw materials provide extended operational life and lower energy losses.

Up to 10% energy savings
(based on energy performance of new green transformer versus previous range)

Please consult us

Green busbars

A modern solution for distributing medium-large powers, supplying light fittings inside buildings and a more efficient alternative to cables. In addition to a faster installation, a more compact lay-out and increased versatility, the high-amperage busbars from Legrand generate lower energy losses and better energy efficiency.

Up to 4-10% energy savings
(versus cable installation at comparable section)

Please consult us

Uninterrupted Power Supply (UPS)

Legrand UPS, which have always featured high performance, but low power consumption (high energy efficiency) represent an excellent investment. Our three-phase ranges guarantee maximum real power.

Up to 3 points efficiency above highest efficiency rate
(compared with European Code of Conduct Elite requirements)

See p. 924 to 939 and ups.legrand.com

SMART CONTROLS

Guestroom management system (GRMS)

The main advantages of GRMS for hotel operators are to provide advanced and intuitive guest-room controls for enhanced customer experience. In addition, GRMS can be linked to the hotel building & property management systems to generate operational & energy efficiences.

See p. 653 to 657 and uxforhotels.legrand.com

Smarther & Smarther AC with Netatmo connected thermostats

Provide additional control to users in order to manage the room temperature, locally or remotely with a smartphone. The HVAC usage is optimized based on schedulling and by zones inside the home.

Up to 10-15% energy savings
(on heating and cooling by adjusting temperatures by 1 to 2°C, according to Ademe France, or by 7 to 10°F, according to the US Department of Energy)

See p. 867

Lighting management

A wide range of switch sensors, comprising motion and lighting management sensors, designed to reduce the amount of time lighting is left on unnecessarily and to put a stop to energy waste.

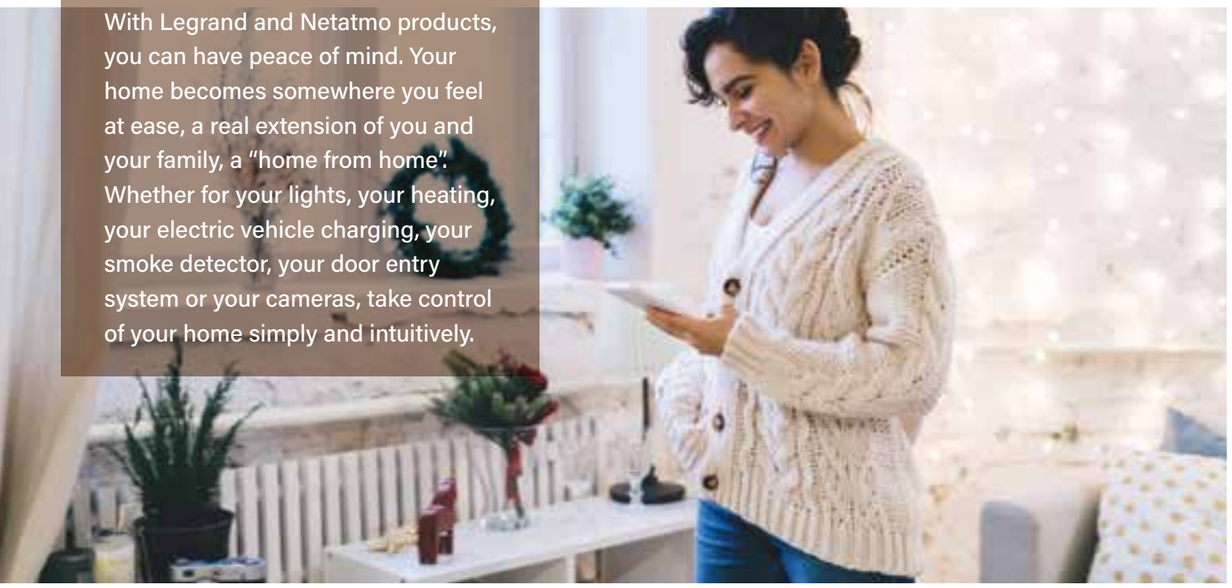
Up to 40% energy savings on consumption with automatic lighting control
(according to EN 15193)

See p. 884 to 899

PROGRAMME ELIOT BY LEGRAND FOR CONNECTED DEVICES

Discover solutions that make life easier

With Legrand and Netatmo products, you can have peace of mind. Your home becomes somewhere you feel at ease, a real extension of you and your family, a "home from home". Whether for your lights, your heating, your electric vehicle charging, your smoke detector, your door entry system or your cameras, take control of your home simply and intuitively.



4 MAIN USER BENEFITS

- Safety
- Comfort & wellbeing
- Energy management
- Assistance with independent living

PROGRAM ELIOT BY LEGRAND FOR CONNECTED DEVICES

The presence of this logo certifies that the connected product in question provides real benefit for you the installer or specifier (maintenance, etc.) and also for your customer, that the confidentiality of data is preserved and that everything has been done for your long-term satisfaction.

Eliot, Legrand's connected devices program

Eliot is the connected devices program launched in 2015 by Legrand to speed up deployment of its Internet of Things offering. Thanks to Eliot, millions of Legrand users, both private individuals and professionals, are now experiencing connected life every day. Backed up by Eliot, new connected solutions are created on a daily basis. In parallel, with dynamic interoperability, new services and features are imagined every day. The offer is now deployed all over the world, and creates a lasting improvement in the experience of Legrand users.

An offer for everyone

The Legrand offer includes numerous Eliot connected solutions, primarily in the fields of electricity supply and access control.

EMDX³ with Netatmo and CX³ with Netatmo modular products for smart electrical panels

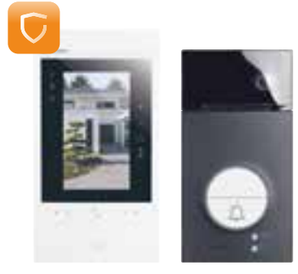
See p. 112

Green'UP Premium charging stations and CX³ with Netatmo connected dry contact

See p. 113 and 516

Arteor with Netatmo connected wiring accessories

See p. 606



Classe 300EOS with Netatmo connected door entry system

See p. 854

Mallia Senses with Netatmo connected wiring accessories

See p. 706

Netatmo connected safety devices

See p. 868

Smarther AC with Netatmo connected thermostat for conditioning

See p. 867

Home + Control App.

Home + Security App.

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0 328 79	985	305
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0 328 86	985	305
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0 334 93	995	1
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0 335 79	941	1
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0 346 09	425	1
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Cat.Nos	Page N°	Pack
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Cat.Nos	Page N°	Pack
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0 365 82	324	1
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0 365 97	418	1
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0 366 39	480	1
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Cat.Nos	Page N°	Pack
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Cat.Nos	Page N°	Pack
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Cat.Nos	Page N°	Pack
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Cat.Nos	Page N°	Pack
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Red catalogue numbers: New products

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Cat.Nos	Page N°	Pack
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Cat.Nos	Page N°	Pack
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Cat.Nos	Page N°	Pack
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0 401 92	837	20
0 401 93	837	20
0 401 94	837	20
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Cat.Nos	Page N°	Pack
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Cat.Nos	Page N°	Pack
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Red catalogue numbers: New products

Cat.Nos	Page N°	Pack
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0 474 95	425	1
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0 477 23	431	10
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0 484 08	652	1
0 484 12	652	1
0 484 18	896	1
0 484 22	896	1
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0 487 71	654	1
0 487 72	653	1
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0 488 79	897	1
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0 488 97LA	1176	1
0 488 98	789	1
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Cat.Nos	Page N°	Pack
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0 697 22L	789	10
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Cat.Nos	Page N°	Pack
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Cat.Nos	Page N°	Pack
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Cat.Nos	Page N°	Pack
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0 770 60L	1172	10
0 770 63L	1172	10
0 770 70	1186	10
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0 770 73	1181	1
0 770 74	1181	1
0 770 75	1181	1
0 770 80	1186	1
0 770 92L	1172	10
0 771 00L	1183	10
0 771 11L	875	10
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0 775 89	1184	1
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Cat.Nos	Page N°	Pack
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0 776 92L	1184	1
0 776 99L	593	1
0 777 77L	1197	1
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0 778 84	800	1
0 778 85	800	1

Cat.Nos	Page N°	Pack
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0 778 91	800	1
0 778 92	800	1
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0 782 01	1207	1
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0 782 04L	1207	1
0 782 07	1209	1
0 782 12	1207	1
0 782 14	1207	1
0 782 19	1210	1
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0 782 90	1212	1
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0 783 76	1205	1
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0 784 07A	1177	1
0 784 08A	1177	1
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0 784 58A	1176	1
0 784 59A	1176	1
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0 784 91	893	1
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0 784 95	893	1
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0 786 24	993	10
0 786 25	993	10
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0 786 27	988	10
0 786 28	982	10

Cat.Nos	Page N°	Pack
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0 787 02	1182	10
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0 787 09	1175	1
0 787 10L	1172	10
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0 788 18L	1202	10
0 788 23L	1202	10
0 788 25L	1202	10
0 788 28L	1203	1
0 788 30L	1203	5
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0 788 37L	1203	5
0 788 38L	1203	5
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0 788 64L	1203	10
0 788 66L	1203	10
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0 789 79L	1006	1
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0 790 42L	1202	10
0 790 44L	1202	5
0 790 46L	1202	5
0 790 54L	1202	5

Cat.Nos	Page N°	Pack
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0 790 58L	1202	5
0 790 62L	1202	5
0 790 72L	1200	1
0 790 73L	1200	1
0 790 74L	1200	1
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0 790 77L	1203	1
0 791 01L	1172	10
0 791 04	1204	10
0 791 06	1204	10
0 791 07LA	1177	1
0 791 08LA	1177	1
0 791 10	1204	10
0 791 11L	1172	10
0 791 14L	876	1
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0 791 27L	1174	1
0 791 28L	1180	1
0 791 30L	1173	10
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0 791 46L	1173	10
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0 791 85L	1184	1
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0 791 90L	1184	1
0 791 93L	1184	10
0 791 94L	1129	1
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0 792 07A	1177	1
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0 792 13	1182	10
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0 792 21L	1172	10
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0 792 40L	1173	10
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0 792 93L	1184	10
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0 793 01L	1202	5
0 793 02L	1202	10
0 793 03L	1202	5
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0 793 10L	1202	2
0 793 11L	1202	5
0 793 14L	1202	5
0 793 15L	1202	5
0 793 16L	1202	5
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0 793 21L	1172	10
0 793 22L	1202	5

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Cat.Nos	Page N°	Pack
0 793 23L	1202	5
0 793 25L	1202	5
0 793 28L	1203	1
0 793 30L	1203	1
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0 793 71L	1182	10
0 793 72L	1129	10
0 793 73L	1129	10
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0 793 78	1006	1
0 793 79	1007	1
0 793 85L	1184	1
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0 793 92	1184	1
0 793 94	1184	1
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0 795 64L	1007	1
0 795 79L	1007	1
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0 800 41	810	50
0 800 42	810	30
0 800 43	810	30
0 800 44	810	30
0 800 49	810	15
0 800 51	810	50
0 800 52	810	30
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0 801 29	1200	5
0 801 40	812	10
0 801 41	812	100
0 801 49	812	10
0 801 51	812	100
0 801 55	812	5
0 801 80	810	20
0 801 82	810	10
0 801 85	812	5
0 801 88	1167	10
0 801 93	810	1
0 801 95	810	1
0 801 97	810	20
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0 802 52	1204	10
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Cat.Nos	Page N°	Pack
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0 802 60L	1173	10
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0 802 86	1201	5
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0 802 91	1204	10
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0 802 94	1204	10
0 802 95	1204	10
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0 818 55	735	7
0 818 56	587	1
0 818 57	735	10
0 819 40	813	50
0 819 60	813	20
0 819 72	813	20
0 819 88	1167	6
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0 860 31	1049	10
0 860 40	1049	10
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Cat.Nos	Page N°	Pack
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0 881 91	1152	1
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0 892 75	813	10
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0 892 78	813	2
0 892 81	741	20
0 893 07	1165	1
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0 893 72	810	10
0 893 73	810	10
0 893 74	810	10
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0 897 00	1167	1
0 897 01	1167	1
0 897 02	1167	1
0 897 09	1167	1
0 897 10	1167	1

Cat.Nos	Page N°	Pack
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0 897 12	1167	1
0 897 19	1167	10
0 898 06	1181	10
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0 904 67	797	1
0 904 70	513	1
0 904 72	513	1
0 910 24	877	10
0 916 55	790	5
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0 919 45	901	1
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0 920 02	801	100
0 920 03	801	20
0 920 04	801	200
0 920 05	801	100
0 920 11	801	50
0 920 12	801	120
0 920 13	801	20
0 920 15	802	10
0 920 22	801	50
0 920 23	801	20
0 920 25	802	10
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0 920 34	803	10
0 920 42	802	20
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0 920 54	803	5
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0 920 94	803	1
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0 922 84	807	1
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0 942 80	840	1
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0 955 07	445	5
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0 955 09	445	2
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0 980 06	446	5
0 980 07	446	3
0 980 08	446	2

Cat.Nos	Page N°	Pack
0 980 09	446	2
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Cat.Nos	Page N°	Pack
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Cat.Nos	Page N°	Pack
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Cat.Nos	Page N°	Pack
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2 824 26-C3	679	8

Cat.Nos	Page N°	Pack
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Red catalogue numbers: New products

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Red catalogue numbers: New products

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Red catalogue numbers: New products

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Red catalogue numbers: New products

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LM4-LC12J-1A3UN	1028	1
LM4-LC24H	1028	1

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LM4-LC24H-2A4UN	1028	1

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LM4-LC24H-3C3UN	1028	1

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LM4-LC24J	1028	1
LM4-LC24J-1A3H1	1028	1

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LM4-LC24J-2A3UN	1028	1

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LM4-LC24J-3C2UN	1028	1

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BT-344884	854	1
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BT-363950	854	1

Cat.Nos	Page N°	Pack
BT-364231	856	1
BT-364232	856	1
BT-364612	855	1
BT-364613	856	1
BT-364614	855	1
BT-364622	856	1
BT-366811	857	1
BT-366821	857	1
BT-373001	865	1
BT-373002	865	1
BT-373003	865	1
BT-373004	865	1
BT-373005	865	1
BT-373006	865	1
BT-373007	865	1
BT-374000	864	1
BT-374001	864	1
BT-374002	864	1
BT-374003	864	1
BT-374004	864	1
BT-374005	864	1
BT-374006	864	1
BT-375000	866	1
BT-375001	866	1
BT-375002	866	1
BT-375003	866	1
BT-375004	866	1
BT-375005	866	1
BT-375006	866	1
BT-375007	866	1
BT-375008	866	1
BT-375009	866	1
BT-375010	866	1
BT-375011	866	1
BT-4380NB	768	1
BT-500/00	776	10
BT-502E	777	50
BT-503CG	776	10
BT-503E	777	15
BT-503EC	776	10
BT-503ED	776	10
BT-503EV	776	10
BT-504E	777	5
BT-504EC	776	10
BT-506EC	776	10
BT-506L	777	1
BT-BMDI1002	645	1
BT-BMSW1003	645	1
BT-BMSW1005	645	1
BT-E49	184	1
BT-E56	1212	1
BT-F401	645	1
BT-F411/1NC	645	1
BT-F411/4	645	1
BT-F411U2	645	1
BT-F413N	645	1
BT-F416U1	645	1
BT-F418U2	645	1
BT-F422	649	1
BT-F425	649	1
BT-F428	645	1
BT-F429	645	1
BT-F430/2	648	1
BT-F430/4	648	1
BT-F430R3V10	648	1
BT-F430R8	648	1
BT-F430V10	648	1
BT-F459	638	1
BT-F520	647	1
BT-F521	648	1

Cat.Nos	Page N°	Pack
BT-F522	648	1
BT-F523	648	1
BT-H4743/12B	776	10
BT-K4001	766	10
BT-K4003	766	10
BT-K4004	766	10
BT-K4004L	766	10
BT-K4004LB	766	10
BT-K4004V127L	766	10
BT-K4004V127LB	766	10
BT-K4005	766	10
BT-K4027	768	10
BT-K4027H	775	1
BT-K4027V127H	775	1
BT-K4034	766	10
BT-K4037N	768	10
BT-K4040	766	1
BT-K4040V12	766	1
BT-K4132	771	10
BT-K4134	771	1
BT-K4139	771	10
BT-K4142A	771	10
BT-K4150	771	10
BT-K4181	771	10
BT-K4189N	771	10
BT-K4190N	771	10
BT-K4191A	772	1
BT-K4191AA	772	1
BT-K4191AC	772	1
BT-K4191CC	772	1
BT-K4192C	772	1
BT-K4202CN	773	1
BT-K4202D	773	1
BT-K4202F	773	1
BT-K4202P10	773	1
BT-K4202P14	773	1
BT-K4210M2D	773	1
BT-K4211M2C	773	1
BT-K4214D	773	1
BT-K4214M2D	773	1
BT-K4217M2D	773	1
BT-K4217M2P10	773	1
BT-K4217M2P14	773	1
BT-K4238	774	1
BT-K4268SCA	774	1
BT-K4284P	775	1
BT-K4285P	775	1
BT-K4288C2	772	1
BT-K4294C	772	1
BT-K4351V12	776	10
BT-K4351V127	776	10
BT-K4351V230	776	10
BT-K4355V12	776	10
BT-K4356V12	776	10
BT-K4356V127	776	10
BT-K4356V230	776	10
BT-K4371	776	10
BT-K4373	775	1
BT-K4380	768	1
BT-K4381	768	1
BT-K4382	768	1
BT-K4382V12V24	768	1
BT-K4410	767	1
BT-K4411	767	1
BT-K4430	767	1
BT-K4431	767	1
BT-K4432	767	1
BT-K4548	775	1
BT-K4549	775	1
BT-K4702	777	10

Cat.Nos	Page N°	Pack
BT-K4703	777	10
BT-K4704	777	5
BT-K4706	777	1
BT-K4743V127RG	776	10
BT-K4743V127T	776	10
BT-K4743V230R	776	10
BT-K4743V230RG	776	10
BT-K4743V230T	776	10
BT-K4949	776	10
BT-K4950	776	10
BT-K4953	776	10
BT-KA4802DA	778	1
BT-KA4802DG	778	1
BT-KA4802DM	778	1
BT-KA4802DW	778	1
BT-KA4802KG	778	1
BT-KA4802KM	778	1
BT-KA4802KW	778	1
BT-KA4802LG	778	1
BT-KA4802LM	778	1
BT-KA4802MM	778	1
BT-KA4802MW	778	1
BT-KA4802NG	778	1
BT-KA4802NW	778	1
BT-KA4802ZG	778	1
BT-KA4802ZM	778	1
BT-KA4802ZW	778	1
BT-KA4803DA	778	1
BT-KA4803DG	778	1
BT-KA4803DM	778	1
BT-KA4803DW	778	1
BT-KA4803KG	778	1
BT-KA4803KM	778	1
BT-KA4803KW	778	1
BT-KA4803LG	778	1
BT-KA4803LM	778	1
BT-KA4803MM	778	1
BT-KA4803MW	778	1
BT-KA4803NG	778	1
BT-KA4803NW	778	1
BT-KA4803ZG	778	1
BT-KA4803ZM	778	1
BT-KA4803ZW	778	1
BT-KA4804DA	778	1
BT-KA4804DG	778	1
BT-KA4804DM	778	1
BT-KA4804DW	778	1
BT-KA4804KG	778	1
BT-KA4804KM	778	1
BT-KA4804KW	778	1
BT-KA4804LG	778	1
BT-KA4804LM	778	1
BT-KA4804MM	778	1
BT-KA4804MW	778	1
BT-KA4804NG	778	1
BT-KA4804NW	778	1
BT-KA4804ZG	778	1
BT-KA4804ZM	778	1
BT-KA4804ZW	778	1
BT-KA4806DA	778	1
BT-KA4806DG	778	1
BT-KA4806DM	778	1
BT-KA4806DW	778	1
BT-KA4806KG	778	1
BT-KA4806KM	778	1
BT-KA4806KW	778	1
BT-KA4806LG	778	1
BT-KA4806LM	778	1
BT-KA4806MM	778	1
BT-KA4806MW	778	1

Cat.Nos	Page N°	Pack
BT-KA4806NG	778	1
BT-KA4806NW	778	1
BT-KA4806ZG	778	1
BT-KA4806ZM	778	1
BT-KA4806ZW	778	1
BT-KG00	764	20
BT-KG00M2	764	10
BT-KG01	752	20
BT-KG01A	767	10
BT-KG01D	767	10
BT-KG01F	767	10
BT-KG01M2	753	10
BT-KG01M2A	767	10
BT-KG01M2D	767	5
BT-KG01M2F	767	5
BT-KG01M2X	754	5
BT-KG01X	753	5
BT-KG02	752	20
BT-KG02M2	752	10
BT-KG03	756	20
BT-KG03M3	756	10
BT-KG04	756	10
BT-KG04M3	756	5
BT-KG04P	756	1
BT-KG05	755	10
BT-KG05M2	755	10
BT-KG05M2V	768	5
BT-KG05M2VMC	755	5
BT-KG05V	768	5
BT-KG06	755	10
BT-KG06H	765	5
BT-KG06M2	755	10
BT-KG06M2V	768	5
BT-KG06M2VMC	755	5
BT-KG06V	768	5
BT-KG07	762	10
BT-KG07K	774	1
BT-KG07M2	762	10
BT-KG08	761	10
BT-KG08M2	761	10
BT-KG09	762	10
BT-KG10P	763	5
BT-KG11C	760	1
BT-KG11H	765	5
BT-KG12C	760	5
BT-KG13C	760	1
BT-KG13M2	763	5
BT-KG14	763	5
BT-KG15	764	10
BT-KG15M2	764	10
BT-KG16	754	1
BT-KG17	754	1
BT-KG17SL	754	1
BT-KG19	754	5
BT-KG20	763	10
BT-KG22	765	5
BT-KG22M2	765	5
BT-KG25M2	761	10
BT-KG26M2	761	10
BT-KG4002	766	10
BT-KG4017	769	1
BT-KG4018	769	1
BT-KG4033	766	1
BT-KG4113	770	10
BT-KG4125	770	10
BT-KG4126	770	10
BT-KG4126T	771	10
BT-KG4129	770	10
BT-KG4140A16	770	10
BT-KG4140A16F	770	10

Cat.Nos	Page N°	Pack
BT-KG4141	770	10
BT-KG4141USB	772	1
BT-KG4142USB	772	1
BT-KG4164T13	771	10
BT-KG4164T23	771	10
BT-KG4177	775	1
BT-KG4180	770	10
BT-KG4183	771	10
BT-KG4185	770	5
BT-KG4185AA	772	1
BT-KG4185AC	772	1
BT-KG4185T	771	5
BT-KG4188	770	5
BT-KG4188AA	772	1
BT-KG4188AC	772	1
BT-KG4188GFG6	770	1
BT-KG4258RJ11	774	1
BT-KG4269R	775	1
BT-KG4279C5E	774	1
BT-KG4279C6	774	1
BT-KG4279C6A	774	1
BT-KG4279C6AS	774	1
BT-KG4279C6F	774	1
BT-KG4279C6S	774	1
BT-KG4294	775	1
BT-KG4362	768	1
BT-KG4441	769	1
BT-KG50	758	1
BT-KG51	757	1
BT-KG52	757	10
BT-KG55F	759	5
BT-KG55M3F	759	1
BT-KG59	758	10
BT-KG62	760	5
BT-KG63	760	5
BT-KG64	758	1
BT-KG67	759	10
BT-KG69	759	10
BT-KG71	755	5
BT-KG81	759	10
BT-KG89N	759	10
BT-KG89S	759	10
BT-KG90N	759	20
BT-KM00	764	20
BT-KM00M2	764	10
BT-KM01	752	20
BT-KM01A	767	10
BT-KM01D	767	10
BT-KM01F	767	10
BT-KM01M2	753	10
BT-KM01M2A	767	10
BT-KM01M2D	767	5
BT-KM01M2F	767	5
BT-KM01M2X	754	5
BT-KM01X	753	5
BT-KM02	752	20
BT-KM02M2	752	10
BT-KM03	756	20
BT-KM03M3	756	10
BT-KM04	756	10
BT-KM04M3	756	5
BT-KM04P	756	1
BT-KM05	755	10
BT-KM05M2	755	10
BT-KM05M2V	768	5
BT-KM05M2VMC	755	5
BT-KM05V	768	5
BT-KM06	755	10
BT-KM06H	765	5
BT-KM06M2	755	10

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Cat.Nos	Page N°	Pack
BT-KM06M2V	768	5
BT-KM06M2VMC	755	5
BT-KM06V	768	5
BT-KM07	762	10
BT-KM07K	774	1
BT-KM07M2	762	10
BT-KM08	761	10
BT-KM08M2	761	10
BT-KM09	762	10
BT-KM10P	763	5
BT-KM11C	760	1
BT-KM11H	765	5
BT-KM12C	760	5
BT-KM13C	760	1
BT-KM13M2	763	5
BT-KM14	763	5
BT-KM15	764	10
BT-KM15M2	764	10
BT-KM16	754	1
BT-KM17	754	1
BT-KM17SL	754	1
BT-KM19	754	5
BT-KM20	763	10
BT-KM22	765	5
BT-KM22M2	765	5
BT-KM25M2	761	10
BT-KM26M2	761	10
BT-KM4002	766	10
BT-KM4017	769	1
BT-KM4018	769	1
BT-KM4033	766	1
BT-KM4113	770	10
BT-KM4125	770	10
BT-KM4126	770	10
BT-KM4126T	771	10
BT-KM4129	770	10

Cat.Nos	Page N°	Pack
BT-KM4140A16	770	10
BT-KM4140A16F	770	10
BT-KM4141	770	10
BT-KM4141USB	772	1
BT-KM4142USB	772	1
BT-KM4164T13	771	10
BT-KM4164T23	771	10
BT-KM4177	775	1
BT-KM4180	770	10
BT-KM4183	771	10
BT-KM4185	770	5
BT-KM4185AA	772	1
BT-KM4185AC	772	1
BT-KM4185T	771	5
BT-KM4188	770	5
BT-KM4188AA	772	1
BT-KM4188AC	772	1
BT-KM4188GFG6	770	1
BT-KM4258RJ11	774	1
BT-KM4269R	775	1
BT-KM4279C5E	774	1
BT-KM4279C6	774	1
BT-KM4279C6A	774	1
BT-KM4279C6AS	774	1
BT-KM4279C6F	774	1
BT-KM4279C6S	774	1
BT-KM4294	775	1
BT-KM4362	768	1
BT-KM4441	769	1
BT-KM50	758	1
BT-KM51	757	1
BT-KM52	757	10
BT-KM55F	759	5
BT-KM55M3F	759	1
BT-KM59	758	10
BT-KM62	760	5

Cat.Nos	Page N°	Pack
BT-KM63	760	5
BT-KM64	758	1
BT-KM71	755	5
BT-KM89N	759	10
BT-KM90N	759	20
BT-KR02	756	5
BT-KR03	756	5
BT-KR04	756	10
BT-KR4140A16	770	10
BT-KR4141	770	10
BT-KR55F	759	5
BT-KV04	756	10
BT-KV4141	770	10
BT-KV55F	759	5
BT-KW00	764	20
BT-KW00M2	764	10
BT-KW01	752	20
BT-KW01A	767	10
BT-KW01D	767	10
BT-KW01F	767	10
BT-KW01M2	753	10
BT-KW01M2A	767	10
BT-KW01M2D	767	5
BT-KW01M2F	767	5
BT-KW01M2X	754	5
BT-KW01X	753	5
BT-KW02	752	20
BT-KW02M2	752	10
BT-KW03	756	20
BT-KW03M3	756	10
BT-KW04	756	10
BT-KW04M3	756	5
BT-KW04P	756	1
BT-KW05	755	10
BT-KW05M2	755	10
BT-KW05M2V	768	5

Cat.Nos	Page N°	Pack
BT-KW05M2VMC	755	5
BT-KW05V	768	5
BT-KW06	755	10
BT-KW06H	765	5
BT-KW06M2	755	10
BT-KW06M2V	768	5
BT-KW06M2VMC	755	5
BT-KW06V	768	5
BT-KW07	762	10
BT-KW07K	774	1
BT-KW07M2	762	10
BT-KW08	761	10
BT-KW08M2	761	10
BT-KW09	762	10
BT-KW10P	763	5
BT-KW11C	760	1
BT-KW11H	765	5
BT-KW12C	760	5
BT-KW13C	760	1
BT-KW13M2	763	5
BT-KW14	763	5
BT-KW15	764	10
BT-KW15M2	764	10
BT-KW16	754	10
BT-KW17	754	1
BT-KW17SL	754	1
BT-KW19	754	10
BT-KW20	763	10
BT-KW22	765	5
BT-KW22M2	765	5
BT-KW25M2	761	10
BT-KW26M2	761	10
BT-KW4002	766	10
BT-KW4017	769	1
BT-KW4018	769	1
BT-KW4033	766	1

Cat.Nos	Page N°	Pack
BT-KW4113	770	10
BT-KW4125	770	10
BT-KW4126	770	10
BT-KW4126T	771	10
BT-KW4129	770	10
BT-KW4140A16	770	10
BT-KW4140A16F	770	10
BT-KW4141	770	10
BT-KW4141USB	772	1
BT-KW4142USB	772	1
BT-KW4164T13	771	10
BT-KW4164T23	771	10
BT-KW4177	775	1
BT-KW4180	770	10
BT-KW4183	771	10
BT-KW4185	770	5
BT-KW4185AA	772	1
BT-KW4185AC	772	1
BT-KW4185T	771	5
BT-KW4188	770	5
BT-KW4188AA	772	1
BT-KW4188AC	772	1
BT-KW4188GFG6	770	1
BT-KW4258RJ11	774	1
BT-KW4269R	775	1
BT-KW4279C5E	774	1
BT-KW4279C6	774	1
BT-KW4279C6A	774	1
BT-KW4279C6AS	774	1
BT-KW4279C6F	774	1
BT-KW4279C6S	774	1
BT-KW4294	775	1
BT-KW4362	768	1
BT-KW4441	769	1
BT-KW50	758	1
BT-KW51	757	10

Cat.Nos	Page N°	Pack
BT-KW52	757	10
BT-KW55F	759	5
BT-KW55M3F	759	1
BT-KW59	758	10
BT-KW62	760	5
BT-KW63	760	5
BT-KW64	758	1
BT-KW67	759	10
BT-KW69	759	10
BT-KW71	755	5
BT-KW81	759	10
BT-KW89N	759	10
BT-KW89S	759	10
BT-KW90N	759	20
BT-L4669	649	1
BT-L4669/500	649	1
BT-L4669KM1	649	1
BT-LN4743/12T	776	10
BT-LN4743/230T	776	10
BT-MH201	652	1
BT-MYHOMESERVER1	638	1
BT-MYSERVERKIT	638	1
BT-PB502N	777	5
BT-PB503N	777	5
BT-PB504N	777	5
BT-PB506N	777	5
BT-MYSERVERKIT	638	1
BT-SP101	846	1
BT-SP102	846	1
BT-343051	855	1
BT-343061	855	1
BT-344692	856	1
BT-344242	857	1

Netatmo

Cat.Nos	Page N°	Pack
NA-DTG-PRO	868	1
NA-NBU-AS-PRO	868	1

Cat.Nos	Page N°	Pack
NA-NCO-PRO	869	1
NA-NDB-PRO	869	1

Cat.Nos	Page N°	Pack
NA-NIS-01-PRO	869	1
NA-NOC-PRO	868	1

Cat.Nos	Page N°	Pack
NA-NOC-S-PRO	868	1
NA-NSA-PRO-EU	869	1

Cat.Nos	Page N°	Pack
NA-NSC-PRO	868	1

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Cat.Nos	Page N°	Pack
SL-189800	837	1
SL-189801	837	1
SL-189810	837	1

Cat.Nos	Page N°	Pack
SL-189820	837	1
SL-189830	837	1
SL-500270	900	1

Cat.Nos	Page N°	Pack
SL-500570	900	1
SL-524270	900	1
SL-532106	900	1

Cat.Nos	Page N°	Pack
SL-532146	900	1
SL-532180	900	1
SL-532182	900	1

Cat.Nos	Page N°	Pack
SL-532185	900	1
SL-532187	900	1
SL-532190	900	1

Cat.Nos	Page N°	Pack
SL-532195	900	1

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MCBs, RCDs, DIN RAIL EQUIPMENT & SMART ELECTRICAL PANEL

RCCBs, MCBs, RCBOs, ADD-ON MODULES & ACCESSORIES

P. 52 N
RX³ isolating switches

P. 52
RX³ RCCBs ≤ 63 A AC & A types prong & fork type busbar

P. 53
RX³ MCBs ≤ 63 3000 and 4500 prong type busbar

P. 54
RX³ MCBs ≤ 63 A 6000 prong & fork type busbar

P. 55
TX³ RCCBs ≤ 63 A AC & A types prong type busbar

P. 55
TX³ MCBs ≤ 63 A 6000 prong type busbar

P. 56
TX³ RCCBs ≤ 80 A AC & A types prong & fork type busbar

P. 56
TX³ MCBs ≤ 63 A 6000 prong & fork type busbar

P. 58
DX³-IS isolating switches

P. 59
DX³-ID RCCBs ≤ 100 A AC, A, F & B types

P. 61
DX³ RCBOs ≤ 45 A 10000 single pole A type

P. 62
DX³ RCBOs ≤ 63 A 6000 / 10 kA AC, A & F type prong & fork type busbar

P. 64
DX³ Stop Arc ≤ 20 A arc fault detection MCBs and RCBOs

P. 65
DX³ MCBs ≤ 63 A 6000 - 10 kA prong & fork type busbar

P. 67
DX³ MCBs ≤ 125 A 10000 - 16 kA prong & fork type busbar

P. 69
DX³ MCBs direct current ≤ 63 A 16 kA prong & fork type busbar

P. 69
DX³ MCBs ≤ 125 A 25 kA

P. 70
DX³ MCBs ≤ 80 A 36 kA

P. 70
DX³ MCBs ≤ 63 A 50 kA

P. 71
DX³ add-on modules ≤ 63 A AC, A & F type for 1 module/pole DX³ MCBs

P. 72
DX³ add-on modules ≤ 125 A F & Hpi type for 1.5 module/pole DX³ MCBs

P. 73
DX³ signalling auxiliaries

P. 74
DX³ remote tripping auxiliaries and motorised controls

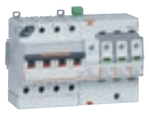
P. 75
DX³ STOP&GO automatic resetting

P. 75
DX³ manual transfer switch and accessories

SURGE PROTECTIVE DEVICES

P. 80
SPDs with neutral on left-hand side selection chart

P. 82
SPDs with neutral on right-hand side selection chart


P. 85
Low voltage SPDs Type 1, Type 2, Type 3

P. 86
SPDs for communication networks

P. 90 N
SPDs for photovoltaic installations

DOMESTIC FUSES & CONTROL AND SIGNALLING DEVICES

P. 91
Domestic fuse carriers, cartridge fuses and isolating fuses

P. 93
CX³ power contactors

P. 96
CX³ pulse operated latching relays

P. 98
CX³ changeover switches, push-buttons and control switches

P. 99
CX³ and TX³ LED indicators

TIME & LIGHT SENSITIVE SWITCHES

P. 100
Programmable time switches

P. 106
Electronic time-lag switches and light sensitive switches

P. 108
Remote control dimmers, time-delay relays

P. 110
Socket outlets, transformers buzzers and bells

P. 111
Single phase switching mode power supplies

SMART ELECTRICAL PANEL

P. 112 N
CX³ with Netatmo connected starter pack

P. 112 N
EMDX³ with Netatmo connected electricity meters

P. 113 N
CX³ with Netatmo connected contactor

P. 113 N
EMDX³ with Netatmo connected load shedder

P. 113 N
CX³ with Netatmo connected latching relay and dry contact

NEW PRODUCTS

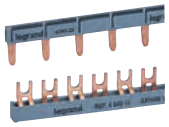
P. 90
SPDs for photovoltaic installations

P. 102
Programmable time switches without display

P. 112-113
Smart electrical panel

Isolating switches RX³

from 40 A to 80 A



4 193 24 4 193 28 4 193 32

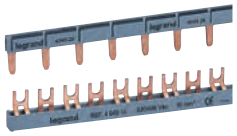
Technical characteristics, **please consult the technical datasheet**

Conform to IEC 60947-3
Grey handle
AC 22 A
Compatible with prong-type and fork type supply busbars
Do not accept auxiliaries

Pack	Cat.Nos	Isolating switches		
		2P - 400 V~		
		Nominal rating In (A)		Number of modules
6	4 193 24	40		2
6	4 193 25	63		2
6	4 193 26	80		2
		3P - 400 V~		
1	4 193 27	40		3
1	4 193 28	63		3
1	4 193 29	80		3
		4P - 400 V~		
1	4 193 30	40		4
1	4 193 31	63		4
1	4 193 32	80		4

RCCBs RX³

residual current circuit breakers from 25 A to 63 A - AC & A types



4 020 25 4 020 70

Technical characteristics, **please consult the technical datasheet**

Conform to IEC 61008-1
• AC type ~: detect AC component faults
• A type ⩙: detect AC and DC component faults
Compatible with prong-type and fork type supply busbars
Do not accept auxiliaries

Pack	Cat.Nos	2-pole - 230 V~		
		AC type ~		
		Sensitivity (mA)	In (A)	Number of modules
1	4 020 24	30	25	2
1	4 020 25	30	40	2
1	4 020 26	30	63	2
1	4 020 27	30	80	2
1	4 020 28	100	25	2
1	4 020 29	100	40	2
1	4 020 30	100	63	2
1	4 020 32	300	25	2
1	4 020 33	300	40	2
1	4 020 34	300	63	2
		A type ⩙		
1	4 020 36	30	25	2
1	4 020 37	30	40	2
1	4 020 38	30	63	2

Pack	Cat.Nos	4-pole - 400 V~ neutral on right-hand side		
		AC type ~		
		Sensitivity (mA)	In (A)	Number of modules
1	4 020 62	30	25	4
1	4 020 63	30	40	4
1	4 020 64	30	63	4
1	4 020 66	100	25	4
1	4 020 67	100	40	4
1	4 020 68	100	63	4
1	4 020 70	300	25	4
1	4 020 71	300	40	4
1	4 020 72	300	63	4
		A type ⩙		
1	4 020 74	30	25	4
1	4 020 75	30	40	4
1	4 020 76	30	63	4

Supply busbars **p. 297**

Red catalogue numbers: New products

MCBs RX³ 3000

thermal magnetic MCBs from 6 A to 32 A - C curve

4 194 97 4 194 99 4 195 00

Technical characteristics, **please consult the technical datasheet**

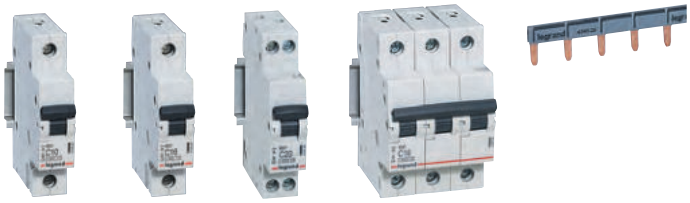
Conform to IEC 60898-1
Do not accept auxiliaries, and add-on modules
Compatible with prong-type supply busbars
Breaking capacity:
3000 - IEC 60898-1 - 230 V~

Single pole + neutral 230 V~ neutral on left-hand side

Pack	Cat.Nos	Nominal rating In (A)	Number of modules
	C curve		
10	4 194 96	6	1
10	4 194 97	10	1
10	4 194 99	16	1
10	4 195 00	20	1
10	4 195 01	25	1
10	4 195 02	32	1

MCBs RX³ 4500

thermal magnetic MCBs from 6 A to 63 A - C curve



4 196 62 4 196 64 4 199 50 4 197 08

Technical characteristics, **please consult the technical datasheet**

Conform to IEC 60898-1
Do not accept auxiliaries, and add-on modules
Compatible with prong-type supply busbars
Breaking capacity:
4500 - IEC 60898-1 - 230/400 V~
4.5 kA - IEC 60947-2 - 230/400 V~
6000 - IEC 60898-1 - 127/220 V~
6 kA - IEC 60947-2 - 127/220 V~

Single pole 230/400 V~

Pack	Cat.Nos	Nominal rating In (A)	Number of modules
	C curve		
12	4 196 61	6	1
12	4 196 62	10	1
12	4 196 64	16	1
12	4 196 65	20	1
12	4 196 66	25	1
12	4 196 67	32	1
12	4 196 68	40	1
12	4 196 69	50	1
12	4 196 70	63	1

Single pole + neutral 230 V~ neutral on left-hand side

	C curve	Nominal rating In (A)	Number of modules
10	4 199 46	6	1
10	4 199 47	10	1
10	4 199 49	16	1
10	4 199 50	20	1
10	4 199 51	25	1
10	4 199 52	32	1

2-pole 230/400 V~

	C curve	Nominal rating In (A)	Number of modules
6	4 196 94	6	2
6	4 196 95	10	2
6	4 196 97	16	2
6	4 196 98	20	2
6	4 196 99	25	2
6	4 197 00	32	2
6	4 197 01	40	2
6	4 197 02	50	2
6	4 197 03	63	2

3-pole 400 V~

	C curve	Nominal rating In (A)	Number of modules
4	4 197 05	6	3
4	4 197 06	10	3
4	4 197 08	16	3
4	4 197 09	20	3
4	4 197 10	25	3
4	4 197 11	32	3
4	4 197 12	40	3
4	4 197 13	50	3
4	4 197 14	63	3

4-pole 400 V~

	C curve	Nominal rating In (A)	Number of modules
3	4 197 38	6	4
3	4 197 39	10	4
3	4 197 41	16	4
3	4 197 42	20	4
3	4 197 43	25	4
3	4 197 44	32	4
3	4 197 45	40	4
3	4 197 46	50	4
3	4 197 47	63	4

Supply busbars **p. 297**

MCBs RX³ 6000

thermal magnetic MCBs from 6 A to 63 A - C curve

4 198 38 4 198 40 4 198 73 4 198 84

Technical characteristics, **please consult the technical datasheet**

Conform to IEC 60898-1
Do not accept auxiliaries, and add-on modules
Compatible with prong-type supply busbars
Breaking capacity:
6000 - IEC 60898-1 - 230/400 V~
6 kA - IEC 60947-2 - 230/400 V~
10000 - IEC 60898-1 - 127/220 V~
10 kA - IEC 60947-2 - 127/220 V~

Single pole 230/400 V~

Pack	Cat.Nos	Nominal rating In (A)	Number of modules
	C curve		
12	4 198 37	6	1
12	4 198 38	10	1
12	4 198 40	16	1
12	4 198 41	20	1
12	4 198 42	25	1
12	4 198 43	32	1
12	4 198 44	40	1
12	4 198 45	50	1
12	4 198 46	63	1

2-pole 230/400 V~

	C curve	Nominal rating In (A)	Number of modules
6	4 198 70	6	2
6	4 198 71	10	2
6	4 198 73	16	2
6	4 198 74	20	2
6	4 198 75	25	2
6	4 198 76	32	2
6	4 198 77	40	2
6	4 198 78	50	2
6	4 198 79	63	2

3-pole 400 V~

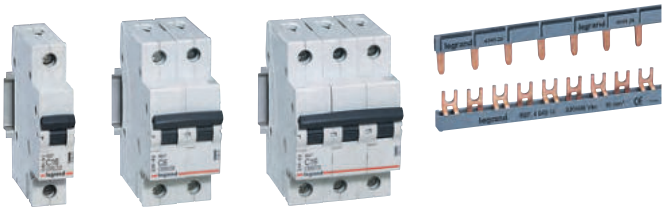
	C curve	Nominal rating In (A)	Number of modules
4	4 198 81	6	3
4	4 198 82	10	3
4	4 198 84	16	3
4	4 198 85	20	3
4	4 198 86	25	3
4	4 198 87	32	3
4	4 198 88	40	3
4	4 198 89	50	3
4	4 198 90	63	3

4-pole 400 V~

	C curve	Nominal rating In (A)	Number of modules
3	4 199 14	6	4
3	4 199 15	10	4
3	4 199 17	16	4
3	4 199 18	20	4
3	4 199 19	25	4
3	4 199 20	32	4
3	4 199 21	40	4
3	4 199 22	50	4
3	4 199 23	63	4

MCBs RX³ 6000

thermal magnetic MCBs from 6 A to 63 A - B and C curves



4 192 02 4 192 21 4 192 35

Technical characteristics, **please consult the technical datasheet**

Conform to IEC 60898-1
Do not accept auxiliaries, and add-on modules
Compatible with prong-type and fork type supply busbars
Breaking capacity:
6000 - IEC 60898-1 - 230/400 V~
6 kA - IEC 60947-2 - 230/400 V~
10000 - IEC 60898-1 - 127/220 V~
10 kA - IEC 60947-2 - 127/220 V~

Single pole 230/400 V~

Pack	Cat.Nos		Nominal rating In (A)	Number of modules
	B curve	C curve		
12	4 191 33	4 191 99	6	1
12	4 191 34	4 192 00	10	1
12	4 191 35	4 192 01	13	1
12	4 191 36	4 192 02	16	1
12	4 191 37	4 192 03	20	1
12	4 191 38	4 192 04	25	1
12	4 191 39	4 192 05	32	1
12	4 191 40	4 192 06	40	1
12	4 191 41	4 192 07	50	1
12	4 191 42	4 192 08	63	1

2-pole 230/400 V~

	B curve	C curve	Nominal rating In (A)	Number of modules
6	4 191 55	4 192 21	6	2
6	4 191 56	4 192 22	10	2
6	4 191 57	4 192 23	13	2
6	4 191 58	4 192 24	16	2
6	4 191 59	4 192 25	20	2
6	4 191 60	4 192 26	25	2
6	4 191 61	4 192 27	32	2
6	4 191 62	4 192 28	40	2
6	4 191 63	4 192 29	50	2
6	4 191 64	4 192 30	63	2

3-pole 400 V~

	B curve	C curve	Nominal rating In (A)	Number of modules
4	4 191 66	4 192 32	6	3
4	4 191 67	4 192 33	10	3
4	4 191 68	4 192 34	13	3
4	4 191 69	4 192 35	16	3
4	4 191 70	4 192 36	20	3
4	4 191 71	4 192 37	25	3
4	4 191 72	4 192 38	32	3
4	4 191 73	4 192 39	40	3
4	4 191 74	4 192 40	50	3
4	4 191 75	4 192 41	63	3

4-pole 400 V~

	C curve	Nominal rating In (A)	Number of modules
3	4 192 55	10	4
3	4 192 56	13	4
3	4 192 57	16	4
3	4 192 58	20	4

Supply busbars **p. 297**

RCCBs TX³ - residual current circuit breakers

from 25 A to 63 A - AC and A types

4 030 00

4 030 10

Technical characteristics, **please consult the technical datasheet**

Conform to IEC 61008-1
Compatible with prong-type supply busbars
• AC type ⏦: detect AC component faults
• A type ⏦: detect AC and DC component faults
Do not accept auxiliaries

Pack	Cat.Nos	2-pole - 230 V~		
		AC type ⏦		
		Sensitivity (mA)	In (A)	Number of modules
1	4 030 00	30	25	2
1	4 030 01	30	40	2
1	4 030 02	30	63	2
1	4 030 38	300	25	2
1	4 030 39	300	40	2
1	4 030 40	300	63	2
		A type ⏦		
1	4 030 35	30	25	2
1	4 030 36	30	40	2

		4-pole - 400 V~		
		Neutral on left-hand side		
		AC type ⏦		
		Sensitivity (mA)	In (A)	Number of modules
1	4 030 04	30	25	4
1	4 030 05	30	40	4
1	4 030 06	30	63	4

		4-pole - 400 V~		
		Neutral on right-hand side		
		AC type ⏦		
		Sensitivity (mA)	In (A)	Number of modules
1	4 030 08	30	25	4
1	4 030 09	30	40	4
1	4 030 10	30	63	4
1	4 030 42	300	25	4
1	4 030 43	300	40	4
1	4 030 44	300	63	4

See the video

MCBs TX³ 6000

thermal magnetic MCBs from 6 A to 63 A - C curve

4 035 76

4 036 16

Technical characteristics, **please consult the technical datasheet**

Conform to IEC 60898-1
Compatible with prong-type supply busbars
Breaking capacity:
6000- IEC 60898-1 - 230/400 V~
6 kA - IEC 60947-2 - 230/400 V~
Can be equipped with DX³ signalling and remote tripping auxiliaries and motorised controls (p. 73-74)
Do not accept add-on modules

Pack	Cat.Nos	Single pole 230/400 V~	
	C curve	Nominal rating In (A)	Number of modules
10	4 035 74	6	1
10	4 035 75	10	1
10	4 035 76	16	1
10	4 035 77	20	1
10	4 035 78	25	1
10	4 035 79	32	1
10	4 035 80	40	1
10	4 035 81	50	1
10	4 035 82	63	1

		Single pole + neutral 230 V~	
		Neutral on left-hand side	
	C curve	Nominal rating In (A)	Number of modules
5	4 035 84	6	2
5	4 035 85	10	2
5	4 035 86	16	2
5	4 035 87	20	2
5	4 035 88	25	2
5	4 035 89	32	2
5	4 035 90	40	2

		2-pole 230/400 V~	
	C curve	Nominal rating In (A)	Number of modules
5	4 036 04	6	2
5	4 036 05	10	2
5	4 036 06	16	2
5	4 036 07	20	2
5	4 036 08	25	2
5	4 036 09	32	2
5	4 036 10	40	2
5	4 036 11	50	2
5	4 036 12	63	2

		3-pole 400 V~	
	C curve	Nominal rating In (A)	Number of modules
1	4 036 14	6	3
1	4 036 15	10	3
1	4 036 16	16	3
1	4 036 17	20	3
1	4 036 18	25	3
1	4 036 19	32	3
1	4 036 20	40	3
1	4 036 21	50	3
1	4 036 22	63	3

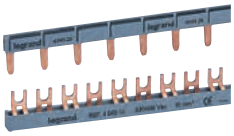
		4-pole 400 V~	
	C curve	Nominal rating In (A)	Number of modules
1	4 036 24	6	4
1	4 036 25	10	4
1	4 036 26	16	4
1	4 036 27	20	4
1	4 036 28	25	4
1	4 036 29	32	4
1	4 036 30	40	4
1	4 036 31	50	4
1	4 036 32	63	4

RCCBs TX³ - residual current circuit breakers

from 16 A to 80 A - AC and A types

4 115 10

4 117 09



Technical characteristics, **please consult the technical datasheet**

Conform to IEC 61008-1
Compatible with prong-type and fork type supply busbars
• AC type ⎓: detect AC component faults
• A type ⎓: detect AC and DC component faults

Pack	Cat.Nos	2-pole - 230 V~		
		AC type ⎓		
		Sensitivity (mA)	In (A)	Number of modules
1	4 115 02	10	16	2
1	4 115 09	30	25	2
1	4 115 10	30	40	2
1	4 115 11	30	63	2
1	4 115 12	30	80	2
1	4 115 19	100	25	2
1	4 115 20	100	40	2
1	4 115 21	100	63	2
1	4 115 22	100	80	2
1	4 115 29	300	25	2
1	4 115 30	300	40	2
1	4 115 31	300	63	2
1	4 115 32	300	80	2
		A type ⎓		
1	4 115 52	10	16	2
1	4 115 59	30	25	2
1	4 115 60	30	40	2
1	4 115 61	30	63	2
1	4 115 62	30	80	2
1	4 115 64	100	25	2
1	4 115 65	100	40	2
1	4 115 66	100	63	2
1	4 115 67	100	80	2
1	4 115 74	300	25	2
1	4 115 75	300	40	2
1	4 115 76	300	63	2
1	4 115 77	300	80	2

		4-pole 400 V~		
		Neutral on right-hand side		
		AC type ⎓		
		Sensitivity (mA)	In (A)	Number of modules
1	4 117 07	30	25	4
1	4 117 08	30	40	4
1	4 117 09	30	63	4
1	4 117 10	30	80	4
1	4 117 17	100	25	4
1	4 117 18	100	40	4
1	4 117 19	100	63	4
1	4 117 20	100	80	4
1	4 117 27	300	25	4
1	4 117 28	300	40	4
1	4 117 29	300	63	4
1	4 117 30	300	80	4
		A type ⎓		
1	4 117 64	30	25	4
1	4 117 65	30	40	4
1	4 117 66	30	63	4
1	4 117 67	30	80	4
1	4 117 74	100	25	4
1	4 117 75	100	40	4
1	4 117 76	100	63	4
1	4 117 77	100	80	4
1	4 117 84	300	25	4
1	4 117 85	300	40	4
1	4 117 86	300	63	4
1	4 117 87	300	80	4

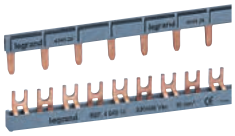
MCBs TX³ 6000

thermal magnetic MCBs from 2 A to 63 A - B and C curves

4 034 34

4 035 32

4 035 51



Technical characteristics, **please consult the technical datasheet**

Conform to IEC 60898-1
Compatible with prong-type and fork type supply busbars
Equipped with special DIN rail clamp allowing independent MCB removal with supply busbar in place
Breaking capacity:
6000 - IEC 60898-1 - 230/400 V~
6 kA - IEC 60947-2 - 230/400 V~
Can be equipped with DX³ signalling and remote tripping auxiliaries and motorised controls (p. 73-74)
Do not accept add-on modules

Pack	Cat.Nos		Single pole 230/400 V~	
	B curve	C curve	Nominal rating In (A)	Number of modules
10	4 033 50	4 034 27	2	1
10	4 033 53	4 034 30	6	1
10	4 033 55	4 034 32	10	1
10	4 033 56	4 034 33	13	1
10	4 033 57	4 034 34	16	1
10	4 033 58	4 034 35	20	1
10	4 033 59	4 034 36	25	1
10	4 033 60	4 034 37	32	1
10	4 033 61	4 034 38	40	1
10	4 033 62	4 034 39	50	1
10	4 033 63	4 034 40	63	1
			2-pole 230/400 V~	
	B curve	C curve	Nominal rating In (A)	Number of modules
5	4 033 80	4 035 21	2	2
5	4 033 83	4 035 24	6	2
5	4 033 85	4 035 26	10	2
5	4 033 86	4 035 27	13	2
5	4 033 87	4 035 28	16	2
5	4 033 88	4 035 29	20	2
5	4 033 89	4 035 30	25	2
5	4 033 90	4 035 31	32	2
5	4 033 91	4 035 32	40	2
5	4 033 92	4 035 33	50	2
5	4 033 93	4 035 34	63	2
			3-pole 400 V~	
	B curve	C curve	Nominal rating In (A)	Number of modules
1	4 033 95	4 035 38	2	3
1	4 033 98	4 035 41	6	3
1	4 034 00	4 035 43	10	3
1	4 034 01	4 035 44	13	3
1	4 034 02	4 035 45	16	3
1	4 034 03	4 035 46	20	3
1	4 034 04	4 035 47	25	3
1	4 034 05	4 035 48	32	3
1	4 034 06	4 035 49	40	3
1	4 034 07	4 035 50	50	3
1	4 034 08	4 035 51	63	3
			4-pole 400 V~	
	B curve	C curve	Nominal rating In (A)	Number of modules
1	4 034 10	4 035 55	2	4
1	4 034 13	4 035 58	6	4
1	4 034 15	4 035 60	10	4
1	4 034 16	4 035 61	13	4
1	4 034 17	4 035 62	16	4
1	4 034 18	4 035 63	20	4
1	4 034 19	4 035 64	25	4
1	4 034 20	4 035 65	32	4
1	4 034 21	4 035 66	40	4
1	4 034 22	4 035 67	50	4
1	4 034 23	4 035 68	63	4

Supply busbars **p. 297**

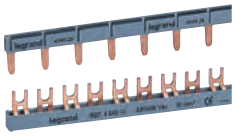
MCBs TX³ 10000

thermal magnetic MCBs from 2 A to 63 A - B and C curves

4 041 71

4 042 09

4 042 28



Technical characteristics, **please consult the technical datasheet**

Conform to IEC 60898-1
Compatible with prong-type and fork type supply busbars
Equipped with special DIN rail clamp allowing independent MCB removal with supply busbar in place
Breaking capacity:
10000 - IEC 60898-1 - 230/400 V~
10 kA - IEC 60947-2 - 230/400 V~
Can be equipped with DX³ signalling and remote tripping auxiliaries and motorised controls (p. 73-74)
Do not accept add-on modules

Single pole 230/400 V~

Pack	Cat.Nos		Nominal rating In (A)	Number of modules
	B curve	C curve		
10	4 040 78	4 041 64	2	1
10	4 040 81	4 041 67	6	1
10	4 040 82	4 041 69	10	1
10	4 040 83	4 041 70	13	1
10	4 040 84	4 041 71	16	1
10	4 040 85	4 041 72	20	1
10	4 040 86	4 041 73	25	1
10	4 040 87	4 041 74	32	1
10	4 040 88	4 041 75	40	1
10	4 040 89	4 041 76	50	1
10	4 040 90	4 041 77	63	1

2-pole 230/400 V~

			Nominal rating In (A)	Number of modules
	B curve	C curve		
5	4 041 06	4 041 98	2	2
5	4 041 09	4 042 01	6	2
5	4 041 10	4 042 03	10	2
5	4 041 11	4 042 04	13	2
5	4 041 12	4 042 05	16	2
5	4 041 13	4 042 06	20	2
5	4 041 14	4 042 07	25	2
5	4 041 15	4 042 08	32	2
5	4 041 16	4 042 09	40	2
5	4 041 17	4 042 10	50	2
5	4 041 18	4 042 11	63	2

3-pole 400 V~

Pack	Cat.Nos		Nominal rating In (A)	Number of modules
	B curve	C curve		
1	4 041 20	4 042 15	2	3
1	4 041 23	4 042 18	6	3
1	4 041 24	4 042 20	10	3
1	4 041 25	4 042 21	13	3
1	4 041 26	4 042 22	16	3
1	4 041 27	4 042 23	20	3
1	4 041 28	4 042 24	25	3
1	4 041 29	4 042 25	32	3
1	4 041 30	4 042 26	40	3
1	4 041 31	4 042 27	50	3
1	4 041 32	4 042 28	63	3

4-pole 400 V~

			Nominal rating In (A)	Number of modules
	B curve	C curve		
1	4 041 48	4 042 49	6	4
1	4 041 51	4 042 52	6	4
1	4 041 52	4 042 54	10	4
1	4 041 53	4 042 55	13	4
1	4 041 54	4 042 56	16	4
1	4 041 55	4 042 57	20	4
1	4 041 56	4 042 58	25	4
1	4 041 57	4 042 59	32	4
1	4 041 58	4 042 60	40	4
1	4 041 59	4 042 61	50	4
1	4 041 60	4 042 62	63	4

See the video

Isolating switches DX³-IS

from 16 A to 125 A

4 065 27

4 065 44

4 064 06

4 064 59

4 064 81

Technical characteristics **p. 60**

Double break contacts

Remote trip head isolating switches

Red handle
AC 22 A, AC 23 A
Visible contact indication
Remote tripping with associated control auxiliary (p. 74)
Can be fitted with motorised controls and 2 DX³ signalling auxiliaries (p. 73)
Visual indication of the actual status of the contacts:
- Closed position (red indicator)
- Open position (green indicator)

2P - 400 V~

Pack	Cat.Nos	Nominal rating In (A)	Number of modules
1	4 065 27[1]	40	2
1	4 065 28[1]	63	2

3P - 400 V~

Pack	Cat.Nos	Nominal rating In (A)	Number of modules
1	4 065 35[1]	40	3
1	4 065 36[1]	63	3
1	4 065 38[2]	100	4.5
1	4 065 39[2]	125	4.5

4P - 400 V~

Pack	Cat.Nos	Nominal rating In (A)	Number of modules
1	4 065 43[1]	40	4
1	4 065 44[1]	63	4
1	4 065 46[2]	100	6
1	4 065 47[2]	125	6

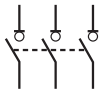
Isolating switches - Red handle

AC 22 A
Can be equipped with 1 DX³ signalling auxiliary (p. 73)

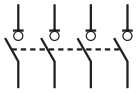
2P - 400 V~

Pack	Cat.Nos	Nominal rating In (A)		Number of modules
5	4 064 55[1]	100		2

3P - 400 V~

Pack	Cat.Nos	Nominal rating In (A)		Number of modules
1	4 064 75[1]	100		3

4P - 400 V~

Pack	Cat.Nos	Nominal rating In (A)		Number of modules
1	4 064 95[1]	100		4

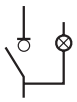
Isolating switches - Grey handle

AC 22 A
Can be equipped with 1 DX³ signalling auxiliary (p. 73)

1P - 250 V~

Pack	Cat.Nos	Nominal rating In (A)		Number of modules
10	4 064 00[3]	16		1
10	4 064 01[3]	20		1
10	4 064 03[3]	32		1
10	4 064 11[1]	40		1
10	4 064 12[1]	63		1
10	4 064 23	100		1

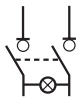
1P with indicator - 250 V~
Supplied with lamp

Pack	Cat.Nos	Nominal rating In (A)		Number of modules
10	4 064 04[3]	20		1
10	4 064 06[3]	32		1

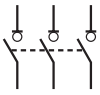
2P - 400 V~

Pack	Cat.Nos	Nominal rating In (A)		Number of modules
10	4 064 31[3]	16		1
10	4 064 32[3]	20		1
10	4 064 34[3]	32		1
5	4 064 40[1]	40		2
5	4 064 41[1]	63		2
5	4 064 49	100		2
5	4 064 50	125		2

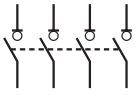
2P with indicator - 400 V~
Supplied with lamp
Do not accept auxiliaries

Pack	Cat.Nos	Nominal rating In (A)		Number of modules
10	4 064 36[3]	20		1
10	4 064 38[3]	32		1
10	4 064 39[3]	40		1

3P - 400 V~

Pack	Cat.Nos	Nominal rating In (A)		Number of modules
5	4 064 57[3]	20		2
5	4 064 59[3]	32		2
1	4 064 60[1]	40		3
1	4 064 61[1]	63		3
1	4 064 69	100		3
1	4 064 70	125		3

4P - 400 V~

Pack	Cat.Nos	Nominal rating In (A)		Number of modules
5	4 064 77[3]	20		2
5	4 064 79[3]	32		2
1	4 064 80[1]	40		4
1	4 064 81[1]	63		4
1	4 064 89	100		4
1	4 064 90	125		4

1: Compatible with prong-type and fork type supply busbars
2: Can be equipped with add-on modules
3: Compatible with prong-type supply busbars

RCCBs - DX³-ID

residual current circuit breakers 16 A to 100 A - AC, A, F and B types

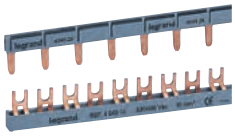
4 115 25

4 119 56

4 117 05

4 117 60

4 119 67



Technical characteristics **p. 60**

Conform to EN/IEC 61008 - 1, EN/IEC 62423 (B type and F type)
- Compatible with prong-type and fork type supply busbars
- AC type ⏦: detect sinusoidal AC residual currents
- A type ⏦: detect sinusoidal AC and pulsating DC residual currents
- F type (High immunity) ⏦ ⦚: detect AC and pulsating DC residual currents

Enhanced immunity to unwanted tripping in disturbed environments
Detection of high frequency fault currents
- B type ⏦ ⦚ ⎓: detect sinusoidal AC, pulsating DC and smooth DC residual currents

Enhanced immunity to unwanted tripping in disturbed environments
Can be equipped with DX³ signalling and remote tripping auxiliaries and motorised controls (p. 73-74)

2-pole 230 V~

AC type ⏦

Pack	Cat.Nos	Sensitivity (mA)	Nominal Rating In (A)	Number of modules
1	4 115 00	10	16	2
1	4 115 04	30	25	2
1	4 115 05	30	40	2
1	4 115 06	30	63	2
1	4 115 07	30	80	2
1	4 115 08	30	100	2
1	4 115 14	100	25	2
1	4 115 15	100	40	2
1	4 115 16	100	63	2
1	4 115 17	100	80	2
1	4 115 24	300	25	2
1	4 115 25	300	40	2
1	4 115 26	300	63	2
1	4 115 27	300	80	2
1	4 115 28	300	100	2
1	4 115 37	100 selective	100	2
1	4 115 43	300 selective	63	2

A type ⏦

Pack	Cat.Nos	Sensitivity (mA)	In (A)	Number of modules
1	4 115 50	10	16	2
1	4 115 54	30	25	2
1	4 115 55	30	40	2
1	4 115 56	30	63	2
1	4 115 57	30	80	2
1	4 115 69	300	25	2
1	4 115 70	300	40	2
1	4 115 71	300	63	2
1	4 115 72	300	80	2

F type ⏦ ⦚

Pack	Cat.Nos	Sensitivity (mA)	In (A)	Number of modules
1	4 115 90	30	25	2
1	4 115 91	30	40	2
1	4 115 92	30	63	2

2-pole - 230 V~ - neutral on left-hand side

B type ⏦ ⦚ ⎓

Pack	Cat.Nos	Sensitivity (mA)	In (A)	Number of modules
1	4 119 56	30	40	4
1	4 119 57	30	63	4
1	4 119 61	300	40	4
1	4 119 62	300	63	4

4-pole - 400 V~ - neutral on right-hand side

AC type ⏦

Pack	Cat.Nos	Sensitivity (mA)	In (A)	Number of modules
1	4 117 02	30	25	4
1	4 117 03	30	40	4
1	4 117 04	30	63	4
1	4 117 05	30	80	4
1	4 117 12	100	25	4
1	4 117 13	100	40	4
1	4 117 14	100	63	4
1	4 117 15	100	80	4
1	4 117 22	300	25	4
1	4 117 23	300	40	4
1	4 117 24	300	63	4
1	4 117 25	300	80	4
1	4 117 45	300 selective	40	4
1	4 117 46	300 selective	63	4
1	4 117 32	500	25	4
1	4 117 33	500	40	4
1	4 117 34	500	63	4
1	4 117 35	500	80	4

A type ⏦

Pack	Cat.Nos	Sensitivity (mA)	In (A)	Number of modules
1	4 117 59	30	25	4
1	4 117 60	30	40	4
1	4 117 61	30	63	4
1	4 117 62	30	80	4
1	4 117 63	30	100	4
1	4 117 69	100	25	4
1	4 117 70	100	40	4
1	4 117 71	100	63	4
1	4 117 72	100	80	4
1	4 117 73	100	100	4
1	4 117 79	300	25	4
1	4 117 80	300	40	4
1	4 117 81	300	63	4
1	4 117 82	300	80	4
1	4 117 83	300	100	4
1	4 118 00	300 selective	40	4
1	4 118 01	300 selective	63	4
1	4 117 89	500	25	4
1	4 117 90	500	40	4
1	4 117 91	500	63	4
1	4 117 92	500	80	4
1	4 117 93	500	100	4

4-pole - 400 V~ - neutral on left-hand side

B type ⏦ ⦚ ⎓

Pack	Cat.Nos	Sensitivity (mA)	In (A)	Number of modules
1	4 119 66	30	40	4
1	4 119 67	30	63	4
1	4 119 71	300	40	4
1	4 119 72	300	63	4

Auxiliaries, accessories and remote control **p. 73-74**

Red catalogue numbers: New products

Isolating switches DX³-IS

technical characteristics

DX³-IS remote trip head isolating switches

Electrical characteristics

Thermal rating (Ith)		40 - 63 A 1 module/pole	100 - 125 A 1.5 module/pole
Terminals		Cage	Cage
Connection	flexible	1.5 to 25 mm² 1.5 to 35 mm²	6 to 50 mm² 6 to 70 mm2
	rigid		
Insulation voltage (Ui)		500 V~	500 V~
Impulse withstand voltage (Uimp)		6 kV	6 kV
Category of use(1)		AC 22A / AC 23A	100 A = AC 22A / AC 23A 125 A = AC 22A
Short time withstand current (Icw)		1000 A during 1 s 1700 A during 0.5 s	1000 A during 1 s 1500 A during 0.5 s
Short-circuit making capacity (Icm)		3000 A	1500 A
No. of electrical operations		15000	10000
Protection index		IP 2X wired	IP 2X wired

(1) test conditions according to IEC 60947-3
AC 22 A: combined motor/resistor breaking with frequent operations
AC 23 A: inductive motor breaking at In/2 with frequent operations

DX³-IS isolating switches

Electrical characteristics

Thermal rating (Ith)		16 - 40 A 0.5 module/pole	40 - 63 A 1 module/pole	100 - 125 A 1 module/pole
Terminals		Cage	Cage	Cage
Connection	flexible	1.5 to 10 mm² 1.5 to 16 mm²	1.5 to 25 mm² 1.5 to 35 mm²	4 to 35 mm² 4 to 50 mm²
	rigid			
Insulation voltage (Ui)		500 V~	500 V~	500 V~
Impulse withstand voltage (Uimp)		6 kV	6 kV	6 kV
Category of use(1)		AC 22 A	AC 22 A	AC 22 A
Short time withstand current (Icw)		750 A	2000 A	2500 A
Short-circuit making capacity (Icm)		1500 A	3000 A	3700 A
No. of electrical operations		30000	20000	5000
Protection index		IP 2X wired	IP 2X wired	IP 2X wired

(1) test conditions according to IEC 60947-3
AC 22 A: combined motor/resistor breaking with frequent operations

RCCBs DX³-ID

technical characteristics

DX³-ID - RCCBs (residual current circuit breakers)

Connection cross-section

RCCBs	Cable (mm²)	
	Rigid	Flexible
Connection at top and bottom	50	35

AC type ~ - Standard applications

AC type RCCBs detect sinusoidal AC residual currents
In the majority of cases (standard applications), they are used for AC current detection at 50 Hz

A type ~ - Specific applications: dedicated lines

In addition to the characteristics of AC type RCCBs, A type RCCBs also detect pulsating DC residual currents
They are used whenever fault currents are not sinusoidal
They are particularly suitable for the following specific applications : hobs, washing machines or materials that may produce DC fault currents, speed drives with frequency inverters, etc.

B type ~ ⎓ - Specific applications: dedicated lines

In addition to the characteristics of A type RCCBs, B type RCCBs also detect smooth DC residual currents
They are used whenever fault currents are not sinusoidal
They are particularly suitable for the following specific applications: speed drives and inverters for supplying motors for pumps, lifts, textile machines, machine tools, photovoltaic installations, call centres, medical equipment, etc.

F type ~ - Special applications

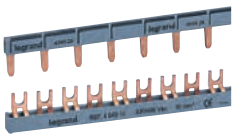
Type F RCCBs are devices which offer additional immunity to unwanted tripping which significantly exceeds the level required by the standard
They are also able to detect AC and DC residual currents (A type)
Detection of high frequency fault currents
Operation between - 25 °C and + 40 °C
They are used in special applications where:
• Loss of information is potentially damaging, e.g. power supply lines for computer equipment (banks, equipment on military bases, flight reservation centres, etc.)
• Loss of operation is potentially damaging (automated machinery, medical equipment, freezer cable, etc.)
They are also used:
• On sites where there is an increased risk of lightning strikes (see p. 80-83)
• On sites where cables are subject to high levels of interference (use of fluorescents, etc.)
• On sites where very long cables are used

RCBOs DX³ 10000 - black neutral lead

residual circuit breakers from 6 to 40 A - A type

4 189 26

4 189 29



Conform to IEC 61009-1 and BS/NZS 61009-1
Compatible with both prong-type and fork type supply busbars
Voltage dependent tripping
Breaking capacity:
10000 - IEC 61009-1
• A type ⩙: detect AC and DC component faults
Solid neutral (not switched)
Functional earth (FE) cable ensuring RCD protection in case of neutral interruption
Downstream connection top side
Can be equipped with DX³ signalling and remote tripping auxiliaries and motorised controls (p. 73-74)

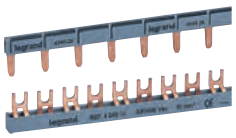
Pack	Cat.Nos	Single pole - 230 V~	
		A Type ⩙ 10 mA	
	C curve	Nominal rating In (A)	Number of modules
1	4 189 24	6	1
1	4 189 25	10	1
1	4 189 26	16	1
1	4 189 27	20	1
1	4 189 28	25	1
1	4 189 29	32	1
1	4 189 30	40	1
		A Type ⩙ 30 mA	
1	4 189 32	6	1
1	4 189 33	10	1
1	4 189 34	16	1
1	4 189 35	20	1
1	4 189 36	25	1
1	4 189 37	32	1
1	4 189 38	40	1
		A Type ⩙ 100 mA	
1	4 189 40	6	1
1	4 189 41	10	1
1	4 189 42	16	1
1	4 189 43	20	1
1	4 189 44	25	1
1	4 189 45	32	1
1	4 189 46	40	1

RCBOs DX³ 10000 - blue neutral lead

residual circuit breakers from 6 to 45 A - A type

4 189 74

4 189 77



Conform to IEC 61009-1 and BS/EN 61009-1
Compatible with both prong-type and fork type supply busbars
Voltage dependent tripping
Breaking capacity:
10000 - IEC 61009-1
• A type ⩙: detect AC and DC component faults
Solid neutral (not switched)
Functional earth (FE) cable ensuring RCD protection in case of neutral interruption
Downstream connection top side
Can be equipped with DX³ signalling and remote tripping auxiliaries and motorised controls (p. 73-74)

Pack	Cat.Nos		Single pole - 230 V~
			A Type ⩙ 10 mA
	C curve		Nominal rating In (A) / Number of modules
1	4 189 72		6 / 1
1	4 189 73		10 / 1
1	4 189 74		16 / 1
1	4 189 75		20 / 1
1	4 189 76		25 / 1
1	4 189 77		32 / 1
1	4 189 78		40 / 1
1	4 189 79		45 / 1
	B curve	C curve	**A Type ⩙ 30 mA**
1	4 189 56	4 189 80	6 / 1
1	4 189 57	4 189 81	10 / 1
1	4 189 58	4 189 82	16 / 1
1	4 189 59	4 189 83	20 / 1
1	4 189 60	4 189 84	25 / 1
1	4 189 61	4 189 85	32 / 1
1	4 189 62	4 189 86	40 / 1
1	4 189 63	4 189 87	45 / 1
	C curve		**A Type ⩙ 100 mA**
1	4 189 88		6 / 1
1	4 189 89		10 / 1
1	4 189 90		16 / 1
1	4 189 91		20 / 1
1	4 189 92		25 / 1
1	4 189 93		32 / 1
1	4 189 94		40 / 1
1	4 189 95		45 / 1

Supply busbars **p. 297**

RCBOs DX³ 6000 - 6 kA

residual current circuit breakers from 6 A to 32 A - A type

4 111 31

Performance of DX³ MCBs and auxiliaries **p. 76-77**

Conform to IEC 61009-1
Compatible with prong-type supply busbars
Voltage dependent tripping
Breaking capacity:
6000 - IEC 61009-1 - 6 kA / IEC 60947-2 for single pole + neutral
• A type : detect AC and DC component faults
Enhanced immunity to unwanted tripping in disturbed environments
Can be equipped with DX³ signalling and remote tripping auxiliaries and motorised controls (p. 73-74)

Single pole + neutral - 230 V~

Neutral on left-hand side

Pack	Cat.Nos	C curve	Nominal rating In (A)	Number of modules
			A Type 10 mA	
1	4 111 21		6	1
1	4 111 22		10	1
1	4 111 24		16	1
1	4 111 25		20	1
1	4 111 26		25	1
1	4 111 27		32	1
			A Type 30 mA	
1	4 111 28		6	1
1	4 111 29		10	1
1	4 111 31		16	1
1	4 111 32		20	1
1	4 111 33		25	1
1	4 111 34		32	1

RCBOs DX³ 6000 - 10 kA

residual current circuit breakers from 3 A to 63 A - AC, A and F types

4 110 02

4 110 28

4 110 50

Performance of DX³ MCBs and auxiliaries **p. 76-77**

Conform to IEC 61009-1, IEC 62423 (F type)
Compatible with prong-type and fork type supply busbars
Voltage independent tripping
Breaking capacity:
6000 - IEC 61009-1 - 10 kA / IEC 60947-2 for single pole + neutral, 2 and 4-pole
• AC type : detect AC component faults
• A type : detect AC and DC component faults
• F type (High immunity) : detect AC and pulsating DC residual currents
Enhanced immunity to unwanted tripping in disturbed environments
Detection of high frequency fault currents
Can be equipped with DX³ signalling and remote tripping auxiliaries and motorised controls (p. 73-74)

Single pole + neutral - 230 V~

Neutral on right-hand side

Pack	Cat.Nos	C curve	Nominal rating In (A)	Number of modules
			AC Type 10 mA	
1	4 109 93		16	2
			AC Type 30 mA	
1	4 109 97		3	2
1	4 109 99		6	2
1	4 110 00		10	2
1	4 110 02		16	2
1	4 110 03		20	2
1	4 110 04		25	2
1	4 110 05		32	2
1	4 110 06		40	2
			AC Type 300 mA	
1	4 110 21		6	2
1	4 110 22		10	2
1	4 110 24		16	2
1	4 110 25		20	2
1	4 110 26		25	2
1	4 110 27		32	2
1	4 110 28		40	2
			A Type 10 mA	
1	4 110 41		16	2
			A Type 30 mA	
1	4 110 47		6	2
1	4 110 48		10	2
1	4 110 50		16	2
1	4 110 51		20	2
1	4 110 52		25	2
1	4 110 53		32	2
1	4 110 54		40	2
			F type 30 mA	
1	4 110 91		6	2
1	4 110 92		10	2
1	4 110 94		16	2
1	4 110 95		20	2
1	4 110 96		25	2
1	4 110 97		32	2
1	4 110 98		40	2

RCBOs DX³ 6000 - 10 kA

residual current circuit breakers from 10 A to 63 A - AC, A and F types (continued)

4 111 49

4 111 62

4 111 73

4 111 92

4 112 41

Performance of DX³ MCBs and auxiliaries **p. 76-77**

Conform to IEC 61009-1, IEC 62423 (F type)
Compatible with prong-type and fork type supply busbars
Voltage independent tripping
Breaking capacity:
6000 - IEC 61009-1 - 10 kA / IEC 60947-2 for single pole + neutral, 2 and 4-pole
• AC type: detect AC component faults
• A type: detect AC and DC component faults
• F type (High immunity): detect AC and pulsating DC residual currents
Enhanced immunity to unwanted tripping in disturbed environments
Detection of high frequency fault currents
Can be equipped with DX³ signalling and remote tripping auxiliaries and motorised controls (p. 73-74)

2-pole - 230 V∿

Compatible with prong-type supply busbars

Pack	Cat.Nos	Nominal rating In (A)	Number of modules
		AC Type 10 mA	
	C curve		
1	4 111 49	10	4
1	4 111 50	16	4
1	4 111 51	20	4
		AC Type 30 mA	
1	4 111 57	10	4
1	4 111 58	16	4
1	4 111 59	20	4
1	4 111 60	25	4
1	4 111 61	32	4
1	4 111 62	40	4
1	4 111 63	50	4
1	4 111 64	63	4
		AC Type 300 mA	
1	4 111 71	10	4
1	4 111 72	16	4
1	4 111 73	20	4
1	4 111 74	25	4
1	4 111 75	32	4
1	4 111 76	40	4
1	4 111 77	50	4
1	4 111 78	63	4

4-pole - 400 V∿

4-module RCBOs are compatible with prong-type and fork type supply busbars
7-module RCBOs are compatible with prong-type supply busbars only

Pack	Cat.Nos	Nominal rating In (A)	Number of modules
		AC Type 30 mA	
	C curve		
1	4 111 85	10	4
1	4 111 86	16	4
1	4 111 87	20	4
1	4 111 88	25	4
1	4 111 89	32	4
1	4 111 90	40	7
1	4 111 91	50	7
1	4 111 92	63	7
		AC Type 300 mA	
1	4 112 04	10	4
1	4 112 05	16	4
1	4 112 06	20	4
1	4 112 07	25	4
1	4 112 08	32	4
1	4 112 09	40	7
1	4 112 10	50	7
1	4 112 11	63	7
		A Type 30 mA	
1	4 112 33	10	4
1	4 112 34	16	4
1	4 112 35	20	4
1	4 112 36	25	4
1	4 112 37	32	4
		A Type 300 mA	
1	4 112 38	10	4
1	4 112 39	16	4
1	4 112 40	20	4
1	4 112 41	25	4
1	4 112 42	32	4
		F type 30 mA	
1	4 112 44	16	4
1	4 112 45	20	4
1	4 112 46	25	4
1	4 112 47	32	4

See the video

DX³ Stop Arc - top side supply

arc fault detection devices from 10 to 20 A

4 159 13

4 159 51

Conform to IEC/EN 62606 and GB/T31143-2014
Compatible with prong-type supply busbars
Can be equipped with DX³ signalling and remote tripping auxiliaries (p. 73-74)
Specific use: fire prevention by arc detection

Arc fault detection circuit breakers

Breaking capacity:
6000 - EN/IEC 60898 - 230/240 V~

Single pole + neutral 230 V~
Neutral on left-hand side

Pack	Cat.Nos	Nominal rating In (A)	Number of modules
	C curve		
1	4 159 12	10	2
1	4 159 13	16	2
1	4 159 14	20	2

Arc fault detection residual current circuit breakers

Breaking capacity:
6000 - IEC 61009-1 - 230/240 V~

Single pole + neutral 230 V~
AC Type ⏦ 30 mA
Neutral on left-hand side

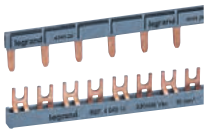
Pack	Cat.Nos	Nominal rating In (A)	Number of modules
	C curve		
1	4 159 50	10	3
1	4 159 51	16	3
1	4 159 52	20	3

DX³ Stop Arc - bottom side supply

arc fault detection devices from 6 to 20 A

4 159 31

4 159 67



Conform to IEC/EN 62606
Can be equipped with DX³ signalling and remote tripping auxiliaries (p. 73-74)
Specific use: fire prevention by arc detection

Arc fault detection circuit breakers

Breaking capacity:
6000 - EN/IEC 60898 - 230/240 V~
Compatible with prong-type supply busbars

Single pole + neutral 230 V~
Neutral on right-hand side

Pack	Cat.Nos		Nominal rating In (A)	Number of modules
	B curve	C curve		
1	4 159 19	4 159 28	6	2
1	4 159 20	4 159 29	10	2
1	4 159 21	4 159 30	13	2
1	4 159 22	4 159 31	16	2
1		4 159 32	20	2

Arc fault detection residual current circuit breakers

Breaking capacity:
10000 - IEC 61009-1 - 230/240 V~
Compatible with both prong-type and fork type supply busbars

Single pole + neutral 230 V~
A Type ⏦ 30 mA
Neutral on right-hand side

Pack	Cat.Nos		Nominal rating In (A)	Number of modules
	B curve	C curve		
1	4 159 55	4 159 64	6	3
1	4 159 56	4 159 65	10	3
1	4 159 57	4 159 66	13	3
1	4 159 58	4 159 67	16	3
1		4 159 68	20	3

Supply busbars **p. 297**

Red catalogue numbers: New products

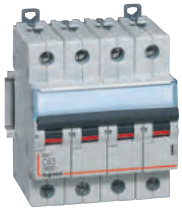
MCBs DX³ 6000 - 10 kA

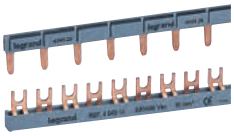
thermal magnetic circuit breakers from 1 A to 63 A - B and C curves

4 074 35

4 078 02

4 075 65


4 079 34



Performance of DX³ MCBs and auxiliaries **p. 76-77**

Conform to IEC 60898-1 and IEC 60947-2
Compatible with both, prong-type and fork type supply busbars
Breaking capacity
6000 - IEC 60898-1 - 400 V~
10 kA - IEC 60947-2 - 400 V~
Can be equipped with DX³ signalling and remote tripping auxiliaries, motorised controls (p. 73-74) and add-on modules (p. 71)

Single pole 230/400 V~

Pack	Cat.Nos		Nominal rating In (A)	Number of modules
	B curve	C curve		
1	4 074 25	4 076 62	1	1
1	4 074 26	4 076 63	2	1
1	4 074 27	4 076 64	3	1
1	4 074 28	4 076 65	4	1
10	4 074 29	4 076 66	6	1
10	4 074 30	4 076 68	10	1
1	4 074 31	4 076 69	13	1
10	4 074 32	4 076 70	16	1
10	4 074 33	4 076 71	20	1
10	4 074 34	4 076 72	25	1
10	4 074 35	4 076 73	32	1
1	4 074 36	4 076 74	40	1
1	4 074 37	4 076 75	50	1
1	4 074 38	4 076 76	63	1

Single pole + neutral 230 V~

Neutral on right-hand side

			Nominal rating In (A)	Number of modules
	B curve	C curve		
1	4 074 68	4 077 34	1	1
1	4 074 69	4 077 35	2	1
1	4 074 70	4 077 36	3	1
1	4 074 71	4 077 37	4	1
1	4 074 72	4 077 38	6	1
1	4 074 73	4 077 40	10	1
1	4 074 74	4 077 41	13	1
10	4 074 75	4 077 42	16	1
1	4 074 76	4 077 43	20	1
1	4 074 77	4 077 44	25	1
1	4 074 78	4 077 45	32	1
1	4 074 79	4 077 46	40	1

2-pole 230/400 V~

			Nominal rating In (A)	Number of modules
	B curve	C curve		
1	4 075 02	4 077 92	1	2
1	4 075 03	4 077 93	2	2
1	4 075 04	4 077 94	3	2
1	4 075 05	4 077 95	4	2
1 I 5	4 075 06	4 077 96	6	2
1 I 5	4 075 07	4 077 98	10	2
1	4 075 08	4 077 99	13	2
1 I 5	4 075 09	4 078 00	16	2
1 I 5	4 075 10	4 078 01	20	2
1 I 5	4 075 11	4 078 02	25	2
1 I 5	4 075 12	4 078 03	32	2
1	4 075 13	4 078 04	40	2
1	4 075 14	4 078 05	50	2
1	4 075 15	4 078 06	63	2

3-pole 400 V~

Pack	Cat.Nos		Nominal rating In (A)	Number of modules
	B curve	C curve		
1	4 075 54	4 078 51	1	3
1	4 075 55	4 078 52	2	3
1	4 075 56	4 078 53	3	3
1	4 075 57	4 078 54	4	3
1	4 075 58	4 078 55	6	3
1	4 075 59	4 078 57	10	3
1	4 075 60	4 078 58	13	3
1	4 075 61	4 078 59	16	3
1	4 075 62	4 078 60	20	3
1	4 075 63	4 078 61	25	3
1	4 075 64	4 078 62	32	3
1	4 075 65	4 078 63	40	3
1	4 075 66	4 078 64	50	3
1	4 075 67	4 078 65	63	3

4-pole 400 V~

			Nominal rating In (A)	Number of modules
	B curve	C curve		
1	4 076 17	4 079 20	1	4
1	4 076 18	4 079 21	2	4
1	4 076 19	4 079 22	3	4
1	4 076 20	4 079 23	4	4
1	4 076 21	4 079 24	6	4
1	4 076 22	4 079 26	10	4
1	4 076 23	4 079 27	13	4
1	4 076 24	4 079 28	16	4
1	4 076 25	4 079 29	20	4
1	4 076 26	4 079 30	25	4
1	4 076 27	4 079 31	32	4
1	4 076 28	4 079 32	40	4
1	4 076 29	4 079 33	50	4
1	4 076 30	4 079 34	63	4

Supply busbars **p. 297**

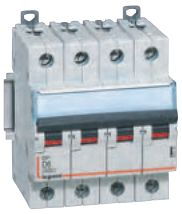
MCBs DX³ 6000 - 10 kA

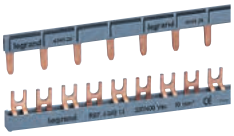
thermal magnetic MCBs from 0.5 A to 63 A - D curve

4 079 67

4 080 33

4 080 87


4 081 43



Performance of DX³ MCBs and auxiliaries **p. 76-77**

Conform to IEC 60898-1 and IEC 60947-2
Compatible with both prong-type and fork type supply busbars
Breaking capacity:
6000 - IEC 60898-1 - 400 V~
10 kA - IEC 60947-2 - 400 V~
Can be equipped with DX³ signalling and remote tripping auxiliaries, motorised controls (p. 73-74) and add-on modules (p. 71)

Single pole 230/400 V~

Pack	Cat.Nos D curve	Nominal rating In (A)	Number of modules
1	4 079 62	0.5	1
1	4 079 63	1	1
1	4 079 64	2	1
1	4 079 65	3	1
1	4 079 66	4	1
1	4 079 67	6	1
1	4 079 69	10	1
1	4 079 70	13	1
1	4 079 71	16	1
1	4 079 72	20	1
1	4 079 73	25	1
1	4 079 74	32	1
1	4 079 75	40	1
1	4 079 76	50	1
1	4 079 77	63	1

2-pole 230/400 V~

Pack	Cat.Nos D curve	Nominal rating In (A)	Number of modules
1	4 080 22	0.5	2
1	4 080 23	1	2
1	4 080 24	2	2
1	4 080 25	3	2
1	4 080 26	4	2
1	4 080 27	6	2
1	4 080 29	10	2
1	4 080 30	13	2
1	4 080 31	16	2
1	4 080 32	20	2
1	4 080 33	25	2
1	4 080 34	32	2
1	4 080 35	40	2
1	4 080 36	50	2
1	4 080 37	63	2

3-pole 400 V~

Pack	Cat.Nos D curve	Nominal rating In (A)	Number of modules
1	4 080 80	0.5	3
1	4 080 81	1	3
1	4 080 82	2	3
1	4 080 83	3	3
1	4 080 84	4	3
1	4 080 85	6	3
1	4 080 87	10	3
1	4 080 88	13	3
1	4 080 89	16	3
1	4 080 90	20	3
1	4 080 91	25	3
1	4 080 92	32	3
1	4 080 93	40	3
1	4 080 94	50	3
1	4 080 95	63	3

4-pole 400 V~

Pack	Cat.Nos D curve	Nominal rating In (A)	Number of modules
1	4 081 43	6	4
1	4 081 45	10	4
1	4 081 46	13	4
1	4 081 47	16	4
1	4 081 48	20	4
1	4 081 49	25	4
1	4 081 50	32	4
1	4 081 51	40	4
1	4 081 52	50	4
1	4 081 53	63	4

MCBs DX³ 10000 - 16 kA

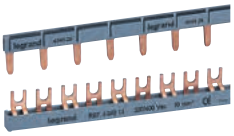
thermal magnetic circuit breakers from 1 A to 125 A - B and C curves

4 088 69

4 089 43

4 088 90

4 093 64



Performance of DX³ MCBs and auxiliaries **p. 76-77**

Conform to IEC 60898-1
Compatible with prong-type and fork type supply busbars (except 80 A, 100 A and 125 A MCBs)
Breaking capacity
10000 - IEC 60898-1 - 400 V~
16 kA - IEC 60947-2 - 400 V~
Can be equipped with DX³ signalling and remote tripping auxiliaries, motorised controls (p. 73-74) and add-on modules (p. 71-72)

Single pole 230/400 V~

Pack	Cat.Nos		Nominal rating In (A)	Number of modules
	B curve	C curve		
1	4 088 65	4 091 07	1	1
1	4 088 66	4 091 08	2	1
1	4 088 67	4 091 09	3	1
1	4 088 68	4 091 10	4	1
10	4 088 69	4 091 11	6	1
10	4 088 70	4 091 12	10	1
10	4 088 71	4 091 13	13	1
10	4 088 72	4 091 14	16	1
10	4 088 73	4 091 15	20	1
10	4 088 74	4 091 16	25	1
10	4 088 75	4 091 17	32	1
1	4 088 76	4 091 18	40	1
1	4 088 77	4 091 19	50	1
1	4 088 78	4 091 20	63	1
1		4 091 40	80	1.5
1		4 091 41	100	1.5
1		4 091 42	125	1.5

2-pole 230/400 V~

Pack	Cat.Nos		Nominal rating In (A)	Number of modules
	B curve	C curve		
1	4 089 35	4 091 95	1	2
1	4 089 36	4 091 96	2	2
1	4 089 37	4 091 97	3	2
1	4 089 38	4 091 98	4	2
1	4 089 39	4 091 99	6	2
1	4 089 40	4 092 00	10	2
1	4 089 41	4 092 01	13	2
1	4 089 42	4 092 02	16	2
1	4 089 43	4 092 03	20	2
1	4 089 44	4 092 04	25	2
1	4 089 45	4 092 05	32	2
1	4 089 46	4 092 06	40	2
1	4 089 47	4 092 07	50	2
1	4 089 48	4 092 08	63	2
1	4 089 66	4 092 28	80	3
1	4 089 67	4 092 29	100	3
1		4 092 30	125	3

3-pole 400 V~

Pack	Cat.Nos		Nominal rating In (A)	Number of modules
	B curve	C curve		
1	4 089 84	4 092 47	1	3
1	4 089 85	4 092 48	2	3
1	4 089 86	4 092 49	3	3
1	4 089 87	4 092 50	4	3
1	4 089 88	4 092 51	6	3
1	4 089 89	4 092 52	10	3
1	4 089 90	4 092 53	13	3
1	4 089 91	4 092 54	16	3
1	4 089 92	4 092 55	20	3
1	4 089 93	4 092 56	25	3
1	4 089 94	4 092 57	32	3
1	4 089 95	4 092 58	40	3
1	4 089 96	4 092 59	50	3
1	4 089 97	4 092 60	63	3
1	4 090 15	4 092 80	80	4.5
1	4 090 16	4 092 81	100	4.5
1		4 092 82	125	4.5

4-pole 400 V~

Pack	Cat.Nos		Nominal rating In (A)	Number of modules
	B curve	C curve		
1	4 090 58	4 093 29	1	4
1	4 090 59	4 093 30	2	4
1	4 090 60	4 093 31	3	4
1	4 090 61	4 093 32	4	4
1	4 090 62	4 093 33	6	4
1	4 090 63	4 093 34	10	4
1	4 090 64	4 093 35	13	4
1	4 090 65	4 093 36	16	4
1	4 090 66	4 093 37	20	4
1	4 090 67	4 093 38	25	4
1	4 090 68	4 093 39	32	4
1	4 090 69	4 093 40	40	4
1	4 090 70	4 093 41	50	4
1	4 090 71	4 093 42	63	4
1	4 090 89	4 093 62	80	6
1	4 090 90	4 093 63	100	6
1		4 093 64	125	6

Supply busbars and modular distribution blocks **p. 297-299**

MCBs DX³ 10000 - 16 kA

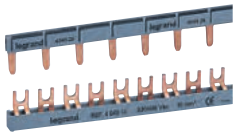
thermal magnetic MCBs from 2 A to 125 A - D curve

4 094 28

4 094 52

4 095 08

4 095 42



Performance of DX³ MCBs and auxiliaries **p. 76-77**

Conform to IEC 60898-1
Compatible with both prong-type and fork type supply busbars (except 80 A, 100 A and 125 A MCBs)
Breaking capacity:
10000 - IEC 60898-1 - 400 V~
16 kA - IEC 60947-2 - 400 V~
Can be equipped with DX³ signalling and remote tripping auxiliaries, motorised controls (p. 73-74) and add-on modules (p. 71-72)

Single pole 230/400 V~

Pack	Cat.Nos	D curve	Nominal rating In (A)	Number of modules
1	4 094 25		2	1
1	4 094 28		6	1
1	4 094 30		10	1
1	4 094 32		16	1
1	4 094 33		20	1
1	4 094 34		25	1
1	4 094 35		32	1
1	4 094 36		40	1
1	4 094 37		50	1
1	4 094 38		63	1

2-pole 230/400 V~

Pack	Cat.Nos	D curve	Nominal rating In (A)	Number of modules
1	4 094 44		2	2
1	4 094 47		6	2
1	4 094 49		10	2
1	4 094 51		16	2
1	4 094 52		20	2
1	4 094 53		25	2
1	4 094 54		32	2
1	4 094 55		40	2
1	4 094 56		50	2
1	4 094 57		63	2
1	4 094 58		80	3
1	4 094 59		100	3
1	4 094 60		125	3

3-pole 400 V~

Pack	Cat.Nos	D curve	Nominal rating In (A)	Number of modules
1	4 094 92		2	3
1	4 094 95		6	3
1	4 094 97		10	3
1	4 094 99		16	3
1	4 095 00		20	3
1	4 095 01		25	3
1	4 095 02		32	3
1	4 095 03		40	3
1	4 095 04		50	3
1	4 095 05		63	3
1	4 095 06		80	4.5
1	4 095 07		100	4.5
1	4 095 08		125	4.5

4-pole 400 V~

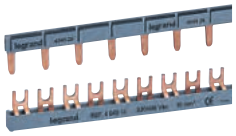
Pack	Cat.Nos	D curve	Nominal rating In (A)	Number of modules
1	4 095 26		2	4
1	4 095 29		6	4
1	4 095 31		10	4
1	4 095 33		16	4
1	4 095 34		20	4
1	4 095 35		25	4
1	4 095 36		32	4
1	4 095 37		40	4
1	4 095 38		50	4
1	4 095 39		63	4
1	4 095 40		80	6
1	4 095 41		100	6
1	4 095 42		125	6

Supply busbars **p. 297**

MCBs DX³ - 16 kA - direct current

thermal magnetic circuit breakers from 0.5 A to 63 A

4 095 69



Performance of DX³ MCBs and auxiliaries **p. 76-77**

Operating voltage from 12 V⎓ to 500 V⎓
Breaking capacity
16 kA - IEC 60947-2 - 250 V⎓
10 kA - IEC 60947-2 - 440 V⎓
6 kA - IEC 60947-2 - 500 V⎓
Magnetic threshold from 5 to 7 In
Compatible with both prong-type and fork type supply busbars
Can be equipped with DX³ signalling and remote tripping auxiliaries and motorised controls (p. 73-74)

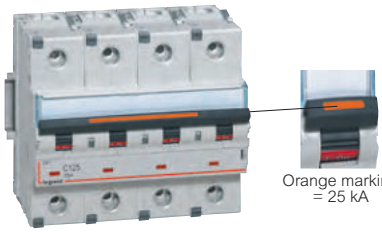
Direct current circuit breakers

Pack	Cat.Nos	Nominal rating In (A)	Number of poles protected	Number of modules
1	4 095 59	0.5	2	2
1	4 095 60	1	2	2
1	4 095 61	1,6	2	2
1	4 095 62	2	2	2
1	4 095 63	3	2	2
1	4 095 64	4	2	2
1	4 095 65	6	2	2
1	4 095 66	8	2	2
1	4 095 67	10	2	2
1	4 095 68	16	2	2
1	4 095 69	20	2	2
1	4 095 70	25	2	2
1	4 095 71	32	2	2
1	4 095 72	40	2	2
1	4 095 73	50	2	2
1	4 095 74	63	2	2

MCBs DX³ - 25 kA

thermal magnetic MCBs from 2 A to 125 A - C and D curves

4 097 72



4 098 03

Performance of DX³ MCBs and auxiliaries **p. 76-77**

Breaking capacity:
25 kA - IEC 60947-2 - 400 V∿
Can be equipped with DX³ signalling and remote tripping auxiliaries and motorised controls (p. 73-74)

Single pole 230/400 V∿

Pack	Cat.Nos C curve	Cat.Nos D curve	Nominal rating In (A)	Number of modules
1	4 097 52	4 098 04	2	1
1	4 097 53	4 098 05	6	1
1	4 097 54	4 098 06	10	1
1	4 097 55	4 098 07	16	1/1.5
1	4 097 56	4 098 08	20	1/1.5
1	4 097 57	4 098 09	25	1/1.5
1	4 097 58	4 098 10	32	1.5
1	4 097 59	4 098 11	40	1.5
1	4 097 60	4 098 12	50	1.5
1	4 097 61	4 098 13	63	1.5
1	4 097 62	4 098 14	80	1.5
1	4 097 63	4 098 15	100	1.5
1	4 097 64	4 098 16	125	1.5

2-pole - 230/400 V∿

Pack	C curve	D curve	Nominal rating In (A)	Number of modules
1	4 097 65	4 098 17	2	2
1	4 097 66	4 098 18	6	2
1	4 097 67	4 098 19	10	2
1	4 097 68	4 098 20	16	2
1	4 097 69	4 098 21	20	2
1	4 097 70	4 098 22	25	2
1	4 097 71	4 098 23	32	2/3
1	4 097 72	4 098 24	40	3
1	4 097 73		50	3
1	4 097 74		63	3
1	4 097 75		80	3
1	4 097 76		100	3
1	4 097 77		125	3

3-pole - 400 V∿

Pack	C curve	D curve	Nominal rating In (A)	Number of modules
1	4 097 78	4 098 30	2	3
1	4 097 79	4 098 31	6	3
1	4 097 80	4 098 32	10	3
1	4 097 81	4 098 33	16	3/4.5
1	4 097 82	4 098 34	20	3/4.5
1	4 097 83	4 098 35	25	3/4.5
1	4 097 84	4 098 36	32	4.5
1	4 097 85	4 098 37	40	4.5
1	4 097 86	4 098 38	50	4.5
1	4 097 87	4 098 39	63	4.5
1	4 097 88	4 098 40	80	4.5
1	4 097 89	4 098 41	100	4.5
1	4 097 90	4 098 42	125	4.5

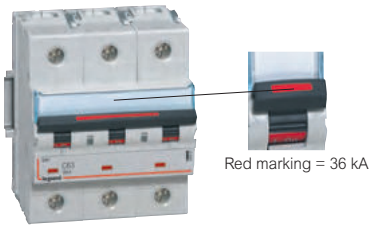
4-pole - 400 V∿

Pack	C curve	D curve	Nominal rating In (A)	Number of modules
1	4 097 91	4 098 43	2	4
1	4 097 92	4 098 44	6	4
1	4 097 93	4 098 45	10	4
1	4 097 94	4 098 46	16	4/6
1	4 097 95	4 098 47	20	4/6
1	4 097 96	4 098 48	25	4/6
1	4 097 97	4 098 49	32	6
1	4 097 98	4 098 50	40	6
1	4 097 99	4 098 51	50	6
1	4 098 00	4 098 52	63	6
1	4 098 01	4 098 53	80	6
1	4 098 02	4 098 54	100	6
1	4 098 03	4 098 55	125	6

MCBs DX³ - 36 kA

thermal magnetic MCBs from 10 A to 80 A - C curve

4 100 12



4 100 27

Performance of DX³ MCBs and auxiliaries **p. 76-77**

Breaking capacity:
36 kA - IEC 60947-2 - 400 V~
Can be equipped with DX³ auxiliaries and accessories (p. 73-74)

Pack	Cat.Nos	2-pole - 230/400 V~	
	C curve	Nominal rating In (A)	Number of modules
1	4 100 07	10	3
1	4 100 08	16	3
1	4 100 09	20	3
1	4 100 10	25	3
1	4 100 11	32	3
1	4 100 12	40	3
1	4 100 13	50	3
1	4 100 14	63	3
1	4 100 15	80	3

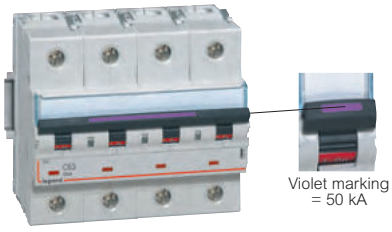
		3-pole - 400 V~	
	C curve	Nominal rating In (A)	Number of modules
1	4 100 20	10	4.5
1	4 100 21	16	4.5
1	4 100 22	20	4.5
1	4 100 23	25	4.5
1	4 100 24	32	4.5
1	4 100 25	40	4.5
1	4 100 26	50	4.5
1	4 100 27	63	4.5
1	4 100 28	80	4.5

		4-pole - 400 V~	
	C curve	Nominal rating In (A)	Number of modules
1	4 100 33	10	6
1	4 100 34	16	6
1	4 100 35	20	6
1	4 100 36	25	6
1	4 100 37	32	6
1	4 100 38	40	6
1	4 100 39	50	6
1	4 100 40	63	6
1	4 100 41	80	6

MCBs DX³ - 50 kA

thermal magnetic MCBs from 10 A to 63 A - C and D curves

4 101 51



4 101 80

Performance of DX³ MCBs and auxiliaries **p. 76-77**

Breaking capacity:
50 kA - IEC 60947-2 - 400 V~
Can be equipped with DX³ auxiliaries and accessories (p. 73-74)

Pack	Cat.Nos		Single pole 230/400 V~	
	C curve	D curve	Nominal rating In (A)	Number of modules
1	4 101 34	4 101 86	10	1.5
1	4 101 35	4 101 87	16	1.5
1	4 101 36	4 101 88	20	1.5
1	4 101 37	4 101 89	25	1.5
1	4 101 38	4 101 90	32	1.5
1	4 101 39	4 101 91	40	1.5
1	4 101 40	4 101 92	50	1.5
1	4 101 41	4 101 93	63	1.5

			2-pole - 230/400 V~	
	C curve	D curve	Nominal rating In (A)	Number of modules
1	4 101 47	4 101 99	10	3
1	4 101 48	4 102 00	16	3
1	4 101 49	4 102 01	20	3
1	4 101 50	4 102 02	25	3
1	4 101 51	4 102 03	32	3
1	4 101 52	4 102 04	40	3
1	4 101 53		50	3
1	4 101 54		63	3

			3-pole - 400 V~	
	C curve	D curve	Nominal rating In (A)	Number of modules
1	4 101 60	4 102 12	10	4.5
1	4 101 61	4 102 13	16	4.5
1	4 101 62	4 102 14	20	4.5
1	4 101 63	4 102 15	25	4.5
1	4 101 64	4 102 16	32	4.5
1	4 101 65	4 102 17	40	4.5
1	4 101 66	4 102 18	50	4.5
1	4 101 67	4 102 19	63	4.5

			4-pole - 400 V~	
	C curve	D curve	Nominal rating In (A)	Number of modules
1	4 101 73	4 102 25	10	6
1	4 101 74	4 102 26	16	6
1	4 101 75	4 102 27	20	6
1	4 101 76	4 102 28	25	6
1	4 101 77	4 102 29	32	6
1	4 101 78	4 102 30	40	6
1	4 101 79	4 102 31	50	6
1	4 101 80	4 102 32	63	6

Add-on modules DX³

for 1 module/pole DX³ MCBs

4 104 01

4 104 71

4 105 55

Performance of DX³ add-on modules **p. 76-77**

Conform to IEC 61009-1, IEC 62423 (F type)
Voltage independent tripping except Cat.Nos 4 106 57/58/59
• AC type ~: detect AC components faults
• A type ~: detect AC and DC component faults
• F type (High immunity) ~ WWW: detect faults with AC and DC components, increased immunity to false tripping
Detection of high frequency fault currents
For mounting on the right-hand side of 1 module per pole DX³ MCBs

2-pole - 230 V~

Pack	Cat.Nos	Sensitivity (mA)	Nominal rating In (A)	Number of modules
		AC Type ~		
1	4 104 01	30	40	2
1	4 104 02	30	63	2
1	4 104 13	300	40	2
1	4 104 14	300	63	2
1	4 104 24	300 selective	63	2
1	4 104 26	1000 selective	63	2
		A Type ~		
1	4 104 28	30	40	2
1	4 104 29	30	63	2
1	4 104 31	300	40	2
1	4 104 32	300	63	2
		F type ~ WWW		
1	4 104 35	30	63	2

3-pole - 400 V~

Pack	Cat.Nos	Sensitivity (mA)	Nominal rating In (A)	Number of modules
		AC Type ~		
1	4 104 71	30	40	3
1	4 104 72	30	63	3
1	4 104 74	300	40	3
1	4 104 75	300	63	3
1	4 104 77	300 selective	63	3
		A Type ~		
1	4 104 80	30	63	3
1	4 104 83	300	63	3
		F type ~ WWW		
1	4 104 86	30	63	3

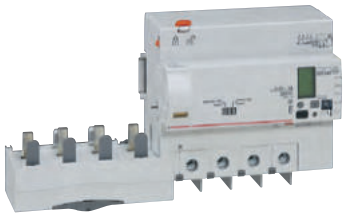
4-pole - 400 V~

Pack	Cat.Nos	Sensitivity (mA)	Nominal rating In (A)	Number of modules
		AC Type ~		
1	4 104 99	30	40	3
1	4 105 00	30	63	3
1	4 105 11	300	40	3
1	4 105 12	300	63	3
1	4 105 21	300 selective	63	3
1	4 105 23	1000 selective	63	3
		A Type ~		
1	4 105 25	30	40	3
1	4 105 26	30	63	3
1	4 105 28	300	40	3
1	4 105 29	300	63	3
1	4 105 31	300 selective	63	3
		F type ~ WWW		
1	4 105 34	30	63	3
1	4 105 55	300 selective	63	3

Add-on modules DX³

for 1.5 module/pole DX³ MCBs

4 106 44



4 106 59

Performance of DX³ add-on modules **p. 76-77**

Conform to IEC 61009-1, IEC 62423 (F type)
Voltage independent tripping except Cat.Nos 4 106 57/58/59
• AC type : detect AC components faults
• F type (High immunity) : detect faults with AC and DC components, increased immunity to false tripping
• Hpi type : dectect faults with AC and DC componenets, increased immunity to false tripping
Detection of high frequency fault currents
For mounting on the right-hand side of 1.5 module per pole DX³ MCBs

Pack	Cat.Nos	Sensitivity (mA)	Nominal rating In (A)	Number of modules
2-pole - 230 V~				
		F type		
1	4 105 76	30	63	2
1	4 105 77	30	125	4
		F type adjustable		
1	4 105 83	from 300 to 1000	63	4
1	4 105 84	from 300 to 1000	125	4
3-pole - 400 V~				
		F type		
1	4 106 05	30	63	3
1	4 106 06	30	125	3
1	4 106 08	300	63	3
		F type adjustable		
1	4 106 11	from 300 to 1000	63	6
1	4 106 12	from 300 to 1000	125	6
4-pole - 400 V~				
		AC Type		
1	4 106 24	30	125	6
1	4 106 28	300	125	6
		F type		
1	4 106 36	30	63	3
1	4 106 37	30	125	6
1	4 106 40	300	63	3
		F type adjustable		
1	4 106 43	from 300 to 1000	63	6
1	4 106 44	from 300 to 1000	125	6
4-pole 400 V~ - Metering				
		LCD display For displaying active energy, instantaneous power and current per phase (A) consumption		
		Hpi type with integrated energy meter		
		Sensitivity (mA)	Nominal rating (A)	Number of modules
1	4 106 57	30 à 3000	63	7.5
1	4 106 58	30 à 3000	125	7.5
4-pole 400 V~ - Measurement				
		LCD display For displaying current per phase, voltage, frequency, active and reactive power, power factor, active and reactive energy consumption and harmonics		
		Hpi type with integrated measurement unit		
		Sensitivity (mA)	Nominal rating (A)	Number of modules
1	4 106 59	30 à 3000	125	7.5

Add-on modules DX³

technical characteristics

Compatibility MCBs/add-on modules

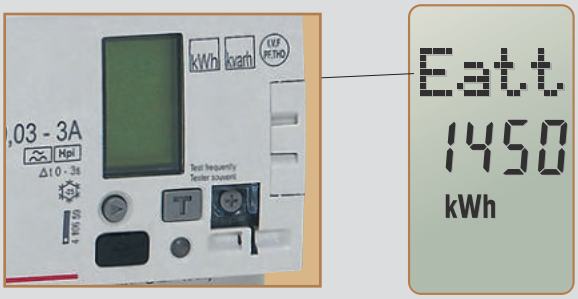
Breaking capacity	Curve	Number of poles	Add-on module for 1 module/pole MCBs	Add-on module for 1.5 module/pole MCBs
6000 / 10 kA	B, C, D	2P, 3P, 4P	All range	-
10000 / 16 kA	B, C, D	2P, 3P, 4P	In ≤ 63 A	In ≥ 80 A
25 kA	B, C, Z	3P, 4P	In ≤ 25 A	In ≥ 32 A
		2P	In ≤ 32 A	In ≥ 40 A
	D	3P, 4P	In ≤ 10 A	In ≥ 12,5 A
		2P	In ≤ 25 A	In ≥ 32 A
36kA, 50 kA	B, C, D	2P, 3P, 4P	-	All range

Adjustable add-on modules, F type

Easy to access settings on front panel with sealable transparent cover
Sensitivity: 300, 500 and 1000 mA
Time delay: instantaneous, selective (60 ms) or delayed (150 ms)

Hpi type add-on modules with integrated energy meter or measurement unit

Conform to standards EN 61009-1, IEC 62423 F type, EN 60947-2 and 61557-12
(PMD/DD/K55)
Electronic settings on the front panel
Sensitivity: 30, 300, 1000, 3000 mA
Time delay: instantaneous, or delayed
(300 ms, 1 s, 3 s)
For integration in the EMDX³ display and supervision system with interface Cat.No 4 210 75 (p. 184), to feed back information and the status of the remote MCB.
Precision: EN 61557-12 Class 1



Signalling auxiliaries DX³

4 062 58

4 062 60

4 062 62

4 062 66

4 062 50

4 062 52

4 062 56

4 062 64

Pack	Cat.Nos	Signalling auxiliaries prong busbar adapted	
		To fit on the left-hand side of DX³ and TX³ devices Maximum number of auxiliaries per device: - 3 signalling auxiliaries or - 2 signalling auxiliaries + 1 remote tripping auxiliary Allow insertion of the supply busbar, top side No tool required for joining together the auxiliary and the main device.	
		Auxiliary contact	Number of modules
1	4 062 58	6 A - 250 V∿ (changeover switch) For MCBs, RCBOs, RCCBs, isolating switches or remote trip isolating switches Indicates the position of the contacts of its associated device.	0.5
		Fault signalling contact	
1	4 062 60	6 A - 250 V∿ (changeover switch) For MCBs, RCBOs, RCCBs, Indicates the fault tripping of its associated device	0.5
		Auxiliary or fault signalling contact	
1	4 062 62	6 A - 250 V∿ (changeover switch) For MCBs, RCBOs, RCCBs Allows the choice between the two functions	0.5
		Auxiliary + fault signalling contact or auxiliary contact + auxiliary contact	
1	4 062 66	6 A - 250 V∿ (changeover switch) For MCBs, RCBOs, RCCBs	1

Pack	Cat.Nos	Signalling auxiliaries fork busbar adapted	
		To fit on the left-hand side of DX³ and TX³ devices Maximum number of auxiliaries per device: - 3 signalling auxiliaries or - 2 signalling auxiliaries + 1 remote tripping auxiliary Allow insertion of supply busbar, bottom side No tool required for joining together the auxiliary and the main device.	
		Auxiliary contact	Number of modules
1	4 062 50	6 A - 250 V∿(changeover switch) For MCBs, RCBOs, RCCBs, isolating switch or remote trip isolating switch Indicates the position of the contacts of its associated device	0.5
		Fault signalling contact	
1	4 062 52	6 A - 250 V∿ (changeover switch) For MCBs, RCBOs, RCCBs, Indicates the fault tripping of its associated device	0.5
		Auxiliary or fault signalling contact	
1	4 062 56	6 A - 250 V∿ (changeover switch) For MCBs, RCBOs, RCCBs Allows the choice between the two functions	0.5
		Auxiliary + fault signalling contact or auxiliary contact + auxiliary contact	
1	4 062 64	6 A - 250 V∿ (changeover switch) For MCB, RCBOs, RCCBs	1

Remote tripping auxiliaries and motorised controls DX³

4 062 78

4 062 82

4 062 86

4 062 91

4 062 92

Remote tripping auxiliaries

Pack	Cat.Nos		
		To fit on the left-hand side of DX³ and TX³ devices Maximum 1 remote tripping auxiliary per device Allow insertion of the supply busbar No tool required for joining together the auxiliary and the main device. For MCBs, RCBOs, RCCBs and remote trip isolating switches	
		Current shunt trips	
		For remote tripping of its associated device via a N/O push button	Number of modules
1	4 062 76	12 to 48 V~/⎓	1
1	4 062 78	110 to 415 V~	1
		Undervoltage releases	
		For remote tripping of its associated device in case of mains voltage drop down or with the help of a N/C push button	
1	4 062 80	24 to 48 V~/⎓	1
1	4 062 82	230 V~	1
		Power overvoltage protection (POP)	
1	4 062 86	Protects the circuit by tripping its associated device in case of overvoltage between phase and neutral. Tripping threshold : 275 V (eg. in case of neutral interruption)	1
		Autonomous shunt trip for N/C push-button	
1	4 062 83	230 V~ For remote tripping with positive security on a control circuit via a N/C push-button or emergency stop. Does not trigger its associated device in case of mains power failure (the trigger occurs only after a deliberate action of a N/C push-button). Supplied with battery Mimimum working reserve: 60 hours (for remote tripping even if there is no supply voltage)	2

Motorised controls

Pack	Cat.Nos		
		For remote control (opening and closing) of their associated device. To fit on the left-hand side of DX³ and TX³ devices For MCBs, RCBOs, RCCBs and remote trip isolating switches (from 1P to 4P) Can take one control auxiliary and one signalling auxiliary. No tool required for joining together the motorised control and the main device	
		ON/OFF function - for 1 module / pole devices (In up to 63 A)	
		Control voltage	Number of modules
1	4 062 90	24-48 V~/⎓	1
1	4 062 91	230 V~	1
		ON/OFF function - for 1.5 module / pole devices (In up to 125 A) from 2P to 4P	
1	4 062 92	230 V~	2
		ON/OFF + automatic resetting function - for 1 module / pole devices (In up to 63 A) Automatically resets the device to which it is associated, thus ensuring continuity of service	
1	4 062 93	24-48 V~/⎓	2
1	4 062 95	230 V~	2

Red catalogue numbers: New products

STOP&GO automatic resetting

4 062 88

Technical characteristics **p. 79**

Pack	Cat.Nos	STOP&GO automatic resetting		
		For automatic resetting of 1 module per pole RCCBs and RCBOs up to 63 A STOP&GO is used in the event of unwanted tripping generated by temporarily electrical disturbances or other external events. Can take one control auxiliary and one signalling auxiliary. The signalling auxiliary must be placed between the STOP&GO and the control auxiliary. No tool required for assembling		
		Automatic resetting function	Control voltage	No. of modules
1	4 062 88		230 V~	2
		Automatic resetting + periodic self-test function		
1	4 062 89		230 V~	2

1: Products to be submited to local tests to ensure a perfect functioning

Manual transfer switch DX³ and accessories

4 063 14

4 063 19

Technical characteristics **p. 79**

Pack	Cat.Nos	Manual transfer switch (MSI)
		For manually switching between the mains and an alternative power supply. Allow to restore power on pre-designated and/or critical circuits in case of a power failure of the main supply. For DX³ MCBs and remote trip isolating switches Installation principle - see e-catalogue
1	4 063 14	For 2P 2-module devices
1	4 063 15	For 3P 3-module devices
1	4 063 16	For 4P 4-module devices
		Front external rotary handles
		Allow the manual control (open/close) of a modular device without opening the enclosure For all DX³, TX³ and RX³ devices from 2P upwards Supplied with bracket, connection rod, handle, self-adhesive drilling template and connection accessories
1	4 063 19	Black handle
1	4 063 20	Yellow and red handle
		Wiring management accessories
		Insulating shields
1	4 063 05	For 1 module per pole MCBs For separation between the terminals of the MCB, when using high cross section cables
		Spacing unit with feedthrough
10	4 063 07	0.5 module Allows cables to run between two modular devices and creates an air channel in order to limit temperature rise
		Terminals for aluminium cables
1	4 063 10	For 1 and 1.5 module/pole MCBs up to 63 A
1	4 063 11	For 1.5 module/pole MCBs and remote trip isolating switches from 80 A to 125 A
		Safety and maintenance accessories
		Sealable screw covers
2	4 063 04	For 1 and 1.5 module per pole MCBs (set of 4)
1	4 063 12	For 1.5 module per pole MCBs (set of 4)
		Terminal shield
1	4 063 06	For 1.5 module/pole MCBs (set of 2)
		Padlocking
		To lock the handle of a modular device during maintenance
1	0 227 97	Large padlock, Ø6 mm, 50 mm length Supplied with two keys and labels
3	4 063 13	Small padlock, Ø5 mm
2	4 063 03	Support for one padlock (for small or large model) For locking the handle of the modular devices (MCBs, RCCBs, RCBOs or isolating switches) in OFF position

Voltage surge protectors
p. 80

Keor UPS
p. 924

Performance of DX³ MCBs and auxiliaries

Breaking capacity in IT neutral earthing system

MCB single pole breaking capacity at 400 V according to IEC 60947-2

DX³ 6000 10 kA	1P/2P/3P/4P	3 kA
DX³ 10000 16 kA	1P/2P/3P/4P	4 kA
DX³ 25 kA	1P/2P/3P/4P	6.25 kA
DX³ 50 kA	1P/2P/3P/4P	12.5 kA

Breaking capacity in the event of short-circuit to earth and insulation voltage

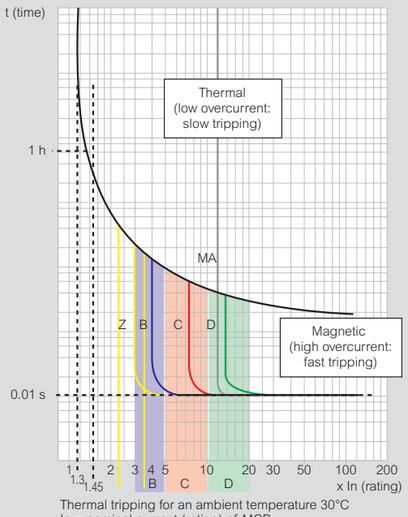
	1P/2P/3P/4P 230/400 V~ MCBs			
	DX³ 6000 10 kA	**DX³ 10000 16 kA**	**DX³ 25 kA**	**DX³ 50 kA**
Icn1	10000 A	16000 A	25000 A	50000 A
Ui	500 V	500 V	500 V	500 V

Icn 1: Breaking capacity on 1 pole for multipole MCBs in the event of short-circuit to earth
Ui: Rated insulation voltage

Terminal connection cross-sections (mm²)

Copper cable	Rigid	Flexible
DX³ 6000 10 kA	35	25
DX³ 10000 16 kA		
DX³ 80 to 125 A	70	50
DX³ 25 kA ≥ 32 A (C curve) ≥ 16 A (D curve) ≤ 63 A	50	35
DX³ 36 kA, DX³ 50 kA and add-on modules		
Auxiliaries	2.5	2.5

MCB tripping curves



Thermal tripping for an ambient temperature 30°C
In = nominal current (rating) of MCB

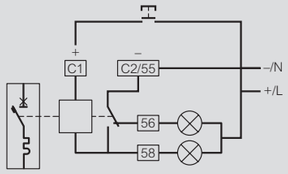
Curves	Magnetic threshold settings	
Z(1)	2.4 to 3.6 In	
B	3 to 5 In	
C	5 to 10 In	
D	10 to 14 In	(10 to 20 acc. to the stds)
MA(1)	12 to 14 In	

1: On request

Technical characteristics of auxiliaries

Max. connection cross-section: 2.5 mm²
Operating temperature: - 25°C to + 70°C

Shunt trips



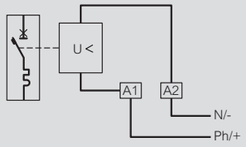
Nominal voltage (Un)
- 12 to 48 V~ and ⎓
- 110 to 415 V~ and 110 to 125 V⎓

Equipped with a signalling contact which indicates tripping of the shunt trip and automatically breaks the coil.
Min. and max. voltage: 0.7 to 1.1 Un
Tripping time: less than 20 ms
Power consumption: at 1.1 x 48 V = 121 VA
at 1.1 x 415 V = 127 VA
Impedance: 12 to 48 V = 23 Ω
110 to 415 V = 1640 Ω

Consumption	Umin.	Umax.
12 to 48 V	522 mA	2610 mA
110 to 415 V	69 mA	259 mA

Undervoltage releases

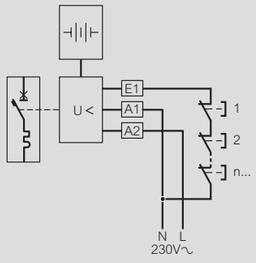
Pull-in voltage ≥ 0.55 Un
Tripping time: 100 to 400 ms ± 10% (adjustable)
Power consumption: 24 V~ and ⎓: 0.1 VA
48 V~ and ⎓: 0.2 VA
230 V~: 1 VA



Nominal voltage:
24 and 48 V~ and ⎓
230 V~

Stand-alone releases for N/C push-buttons

Min. and max. operating voltage: 196 to 250 V~
Power consumption: 1.4 VA



Signalling auxiliaries

Umin.: 24 V~ / ⎓ and Imin.: 5 mA

Compatibility between auxiliaries on 1 module/pole devices

1 module / pole device (auxiliary on the left side)	1st auxiliary	2nd auxiliary	3rd auxiliary
1st auxiliary	4 062 .. 50/52/56/58/60/62/66/76/78/80/82/84/86/87	-	-
2nd auxiliary	4 062 .. 50/52/56/58/60/62	4 062 .. 50/52/56/58/60/62/76/78/80/82/84/86/87	-
	4 062 .. 64/66/	4 062 .. 50/52/56/58/60/62/64/66/76/78/80/82/84/86/87	
3rd auxiliary	4 062 .. 50/52/56/58/60/62	4 062 .. 50/52/56/58/60/62	4 062 .. 76/78/80/82/84/86/87
	4 062 .. 64/66	4 062 .. 50/52/56/58/60/62/64/66	

Compatibility between auxiliaries on 1.5 module/pole devices

1.5 module / pole device (auxiliary on the left side)	1st auxiliary	2nd auxiliary	3rd auxiliary
1st auxiliary	4 062 .. 50/52/56/58/60/62/66/76/78/80/82/84/86/87	-	-
2nd auxiliary	4 062 .. 50/52/56/58/60/62	4 062 .. 50/52/56/58/60/62/	-
	4 062 .. 64/66/	4 062 .. 50/52/56/58/60/62/64/66/76/78/80/82/84/86/87	
3rd auxiliary	4 062 .. 64/66	4 062 .. 64/66	4 062 .. 76/78/80/82/84/86/87

Performance of add-on modules

AC type ~ - Standard applications

Detection of 50-60 Hz AC residual currents

A type ⎓ - Specific applications: dedicated lines

In addition to the characteristics of AC type add-on modules, A type add-on modules also detect residual currents with DC components. They are used whenever the fault currents are not sinusoidal. They are particularly suitable for the following dedicated line applications:

• On circuits where class 1 equipment may produce fault currents with DC components, such as variable speed drives with frequency inverter, etc.

F type M WW - Special applications

Type F RCCBs are devices which offer additional immunity to unwanted tripping which significantly exceeds the level required by the standard
They are also able to detect AC and DC residual currents (A type)
Detection of high frequency fault currents
Operation between - 25 °C and + 40 °C
They are used in special applications where:
• Loss of information is potentially damaging, e.g. power supply lines for computer equipment (banks, equipment on military bases, flight reservation centres, etc.)
• Loss of operation is potentially damaging (automated machinery, medical equipment, freezer cable, etc.)
They are also used:
• On sites where there is an increased risk of lightning strikes
• On sites where cables are subject to high levels of interference (use of fluorescents, etc.)
• On sites where very long cables are used

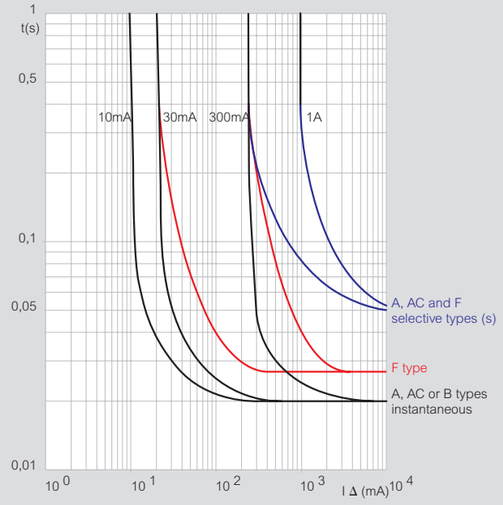
Special case of continuity of service

In certain locations where no staff are present and in which continuity of service is particularly important, false tripping of MCBs is not permitted (isolated telephone/TV or radio substations, pumping stations, etc.)
Combining an F type RCBO with a motorised control and a STOP & GO recloser provides optimum continuity of service

B type ⎓ WW

In addition to the characteristics of A type RCDs, B type RCDs also detect smooth DC residual currents
They are used whenever fault currents are not sinusoidal
They are particularly suitable for the following specific applications : speed drives and inverters for supplying motors for pumps, lifts, textile machines, machine tools, photovoltaic installations, call centres, medical equipment, etc.

Average residual current performance curves



Residual current breaking capacity of DX³ add-on modules

IΔm according to EN 61009-1
AC, A and F type add-on modules

DX³ add-on modules used with an MCB		IΔm
DX³ (1 mod./pole)	**25 kA ≤ 25 A (B, C, Z curves)** **25 kA ≤ 10 A (D, MA curves)**	6000 A
DX³ (1.5 mod./pole)	**10000 16 kA (80 to 125 A)** **25 kA ≥ 32 A (B, C, Z curves)** **25 kA ≥ 12.5 A (D, MA curves)** **36 kA** **50 kA**	30000 A

Protection of DC circuits

DX³ MCBs (1P/2P/3P/4P - In ≤ 63 A) designed for use in 230/400 V~ supplies, can also be used in DC circuits.In this case, the following deratings and precautions must be taken into account

1 - Protection against short-circuits

Max. magnetic tripping threshold: multiplied by 1.4
Example: For a C curve MCB for which the AC tripping threshold is between 5 and 10 In, the DC tripping threshold will be between 7 and 14 In

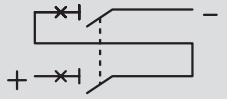
2 - Protection against overloads

The time/current thermal tripping curve is the same as for AC

3 - Operating voltage

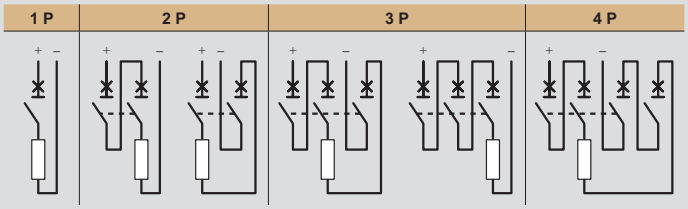
Min. operating voltage: 12 V⎓
Max. operating voltage: 60 V⎓ for single-pole MCBs
For voltages higher than this value, several poles must be wired in series as follows

Number of poles	1 P	2 P	3 P	4 P
Max. operating voltage (V)	60	110	150	180



Example: for a 110 V voltage, use a 2-pole MCB and connect the 2 poles in series

4 - Wiring modes



5 - Breaking capacity

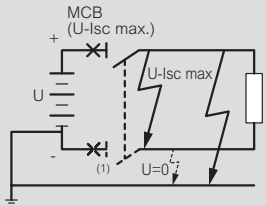
According to IEC 60947.2		DC Voltage (V)	1P	2P	3P	4P
DX³ 6000 / 10 kA B and C curves In ≤ 63 A	Icu	12 to 60	6 kA	6 kA	6 kA	6 kA
		110		6 kA	6 kA	6 kA
		150			6 kA	6 kA
		180				6 kA
	Ics(1)	12 to 60	100%	100%	100%	100%
		110		100%	100%	100%
		150			100%	100%
		180				100%
DX³ 10000 / 16 kA B and C curves In ≤ 63 A	Icu	12 to 60	10 kA	10 kA	10 kA	10 kA
		110		10 kA	10 kA	10 kA
		150			10 kA	10 kA
		180				10 kA
	Ics(1)	12 to 60	100%	100%	100%	100%
		110		100%	100%	100%
		150			100%	100%
		180				100%
DX³ 25 kA B and C curves In ≤ 25 A	Icu	12 to 60	16 kA	16 kA	16 kA	16 kA
		110		16 kA	16 kA	16 kA
		150			16 kA	16 kA
		180				16 kA
	Ics(1)	12 to 60	100%	100%	100%	100%
		110		100%	100%	100%
		150			100%	100%
		180				100%

1 : As a % of Icu

6 - Distribution of breaking poles

To choose the MCB and determine the pole distribution necessary for breaking on each of the polarities, it is necessary to know how the installation is earthed

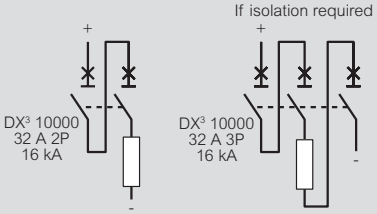
• Supply with one polarity earthed:
Place all the poles necessary for breaking on the other polarity If isolation is required, an additional pole must be added on the earthed polarity



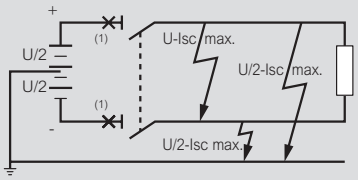
1: Only if isolation required

Example: circuit earthed via the negative polarity / U = 110 V⎓ / Isc = 10 kA / In = 32 A
Protect the positive polarity using an MCB capable of breaking 10 kA at 110 V (DX³ 10000 2P 32 A with 2 poles on the positive polarity)
For isolation, use a DX³ 10000 3P 32 A with 2 poles on the positive polarity and one pole on the negative polarity

DX³ 10000 / 16 kA		DC Voltage (V)	1P	2P	3P	4P
Acc. To IEC 60947.2	Icu	12 to 60	10 kA	10 kA	10 kA	10 kA
		110		10 kA	10 kA	10 kA
		150			10 kA	10 kA
		180				10 kA



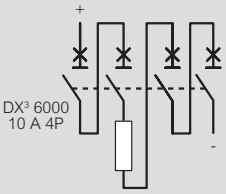
• Network earthed via a middle point:
Place on each polarity the number of poles necessary for max. Isc breaking at half voltage



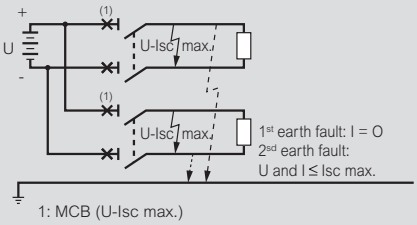
1: MCB (U/2-Isc max.)

Example:
Circuit earthed via a middle point / U = 220 V⎓ / Isc = 6 kA / In = 10 A
Protect each polarity using an MCB capable of breaking 6 kA at half voltage, i.e. 110 V (DX³ 6000 4P 10 A with 2 poles on each polarity)

DX³ 6000 / 10 kA		DC Voltage (V)	1P	2P	3P	4P
Acc. To IEC 60947.2	Icu	12 to 60	6 kA	6 kA	6 kA	6 kA
		110		6 kA	6 kA	6 kA
		150			6 kA	6 kA
		180				6 kA



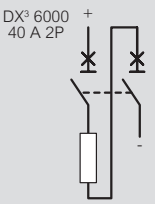
• Isolated earth supply:
Distribute the poles necessary for breaking over the 2 polarities to provide protection in the event of a double earth fault (particularly if there are a number of circuits in parallel)



1: MCB (U-Isc max.)

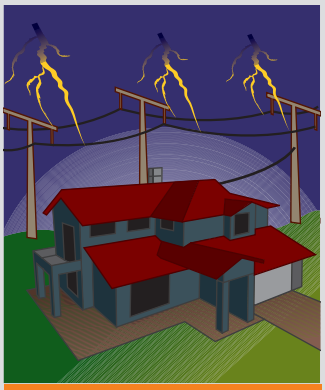
Example: isolated earth circuit / U = 48 V⎓ / Isc = 6 kA / In = 40 A
Protect the installation with an MCB capable of breaking 6 kA at 48 V and protect each polarity (DX³ 6000 MCB 2P 40 A with one pole on each polarity)

DX³ 6000 / 10 kA		DC Voltage (V)	1P	2P	3P	4P
Acc. To IEC 60947.2	Icu	12 to 60	6 kA	6 kA	6 kA	6 kA
		110		6 kA	6 kA	6 kA
		150			6 kA	6 kA
		180				6 kA



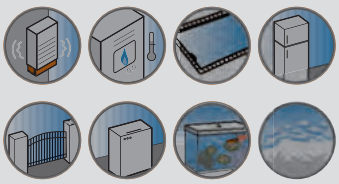
STOP&GO automatic resetting for DX³

Temporarily electrical disturbances and other external events can cause unwanted tripping of different devices protecting electrical installation
STOP&GO verifies automatically the state of the installation, before resetting and launches a visual and audible alarm signal in case of permanent fault detection (short-circuit or residual current)
After verifying the state of the installation, STOP&GO automatic resets the associated protection device in order to immediatly re-establish power supply and avoid unwanted consequences
STOP&GO does not protect the installation against lightning strikes
For an efficient protection against lightning, use voltage surge protectors
The Autotest version is specially suitable for installations equipped with residual current protection devices (RCD's and RCBOs)
STOP&GO periodically does an automatic test of the functionning of residual current protection devices. The manual test is no longer needed



Installation without STOP&GO

Mains fault due to temporarily electrical disturbances
Electrical devices are not powered anymore

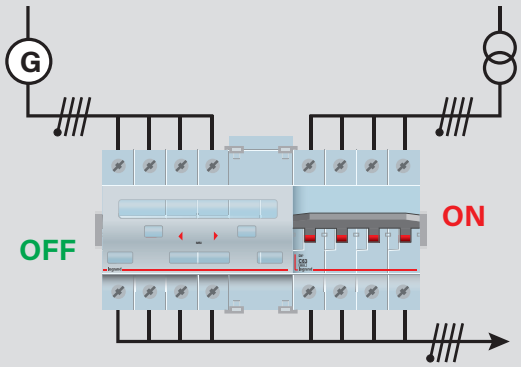


Installation with STOP&GO

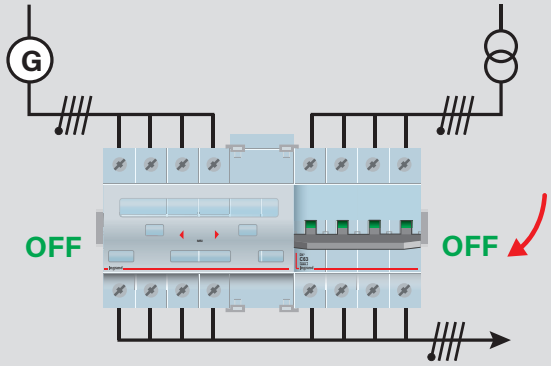
STOP&GO automatic resets the associated protection device in order to immediatly re-establish power supply

Manual transfer switches for DX³

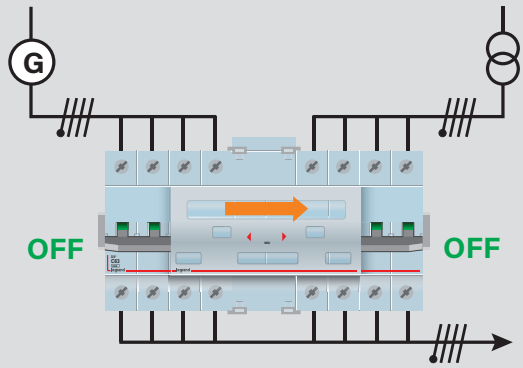
1- The power is on the general network
The MCB behind the window, connected to the generator is on the OFF position



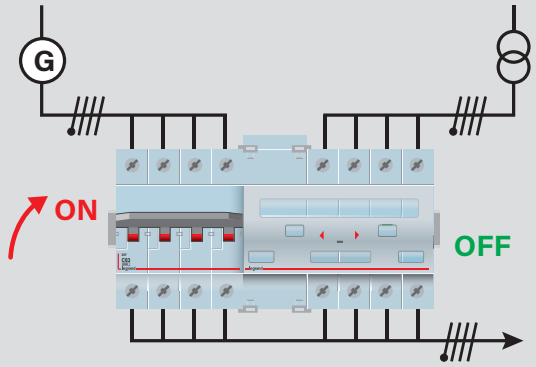
2- Switch OFF the main MCB



3- Slide the window in order to change the power supply



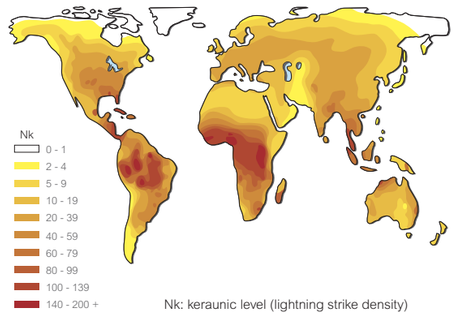
4- Switch ON the MCB connected to the generator



Choose your SPD and its associated protection

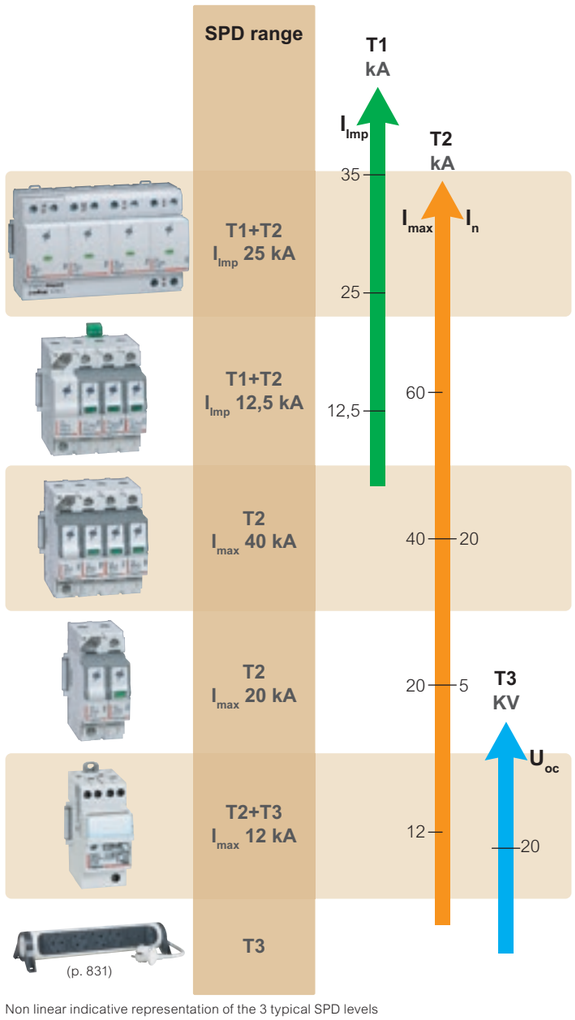
SPDs with neutral on left-hand side

STEP 1 SELECT YOUR AREA



Nk: keraunic level (lightning strike density)

The Legrand offer is suitable for all 3 types of SPD



Non linear indicative representation of the 3 typical SPD levels

STEP 2 ANSWER THE QUESTIONS

• Is there a lightning protection system on the building (lightning conductor, etc) or less than 50 m away?
4 possible levels (Protection Level), determined by the Design office

✓ Yes

✗ NO

• Is the power line partly or fully overhead (final 2 km)?

✓ YES or "I don't know"

✗ NO

• Does the building open to the public or provide medical care (museums, town halls, retirement homes, hotels, banks, shops, etc)?
• Is the building isolated or in a mountainous area?
• Is it an industrial building?

✓ YES or "I don't know"

✗ NO

• Does the building contain expensive equipment?
• Is maximum continuity of service required?
• Is it a farm building?

✓ YES or "I don't know"

✗ NO

I DON'T HAVE ANY INFORMATION

What Protection Level is the external lightning protection system (all keraunic levels)?

Protection Level III and IV

No. of poles	Private homes	Commercial - Industrial - Apartment bldgs	
		Main LV distrib. board	Secondary distribution board or flat
	T1+T2 limp 12.5 kA	T1+T2 limp 12.5 kA	T2 Imax 20 kA
1P	4 122 70	4 122 70	4 122 20
2P	4 122 71	4 122 71	4 122 21
1P+N	4 122 74	4 122 74	4 122 10(1) (Isc ≤ 25 kA) 4 122 24
3P	4 122 72	4 122 72	-
4P	4 122 73	4 122 73	4 122 23
3P+N	4 122 75	4 122 75	4 122 11(1) (Isc ≤ 25 kA) 4 122 25

Protection Level I and II

No. of poles	Private homes	Commercial - Industrial - Apartment bldgs	
		Main LV distrib. board	Secondary distribution board or flat
		T1+T2 limp 25 kA	T2 Imax 40 kA
1P	Not applicable	4 122 80 (limp 35 kA)	4 122 40
2P		-	4 122 41
1P+N		4 122 81 (Neutral on right side)	4 122 14(1) (Isc ≤ 25 kA) 4 122 44
3P		4 122 82	4 122 42
4P		-	4 122 43
3P+N		4 122 83 (Neutral on right side)	4 122 15(1) (Isc ≤ 25 kA) 4 122 45

Keraunic level Nk ≤ 25 days a year or Ng (Measured) ≤ 1

	T2+T3 Imax 12 kA or T2 Imax 20 kA	T1+T2 limp 12.5 kA	T2 Imax 20 kA
1P	4 122 20	4 122 70	4 122 20
2P	4 122 21	4 122 71	4 122 21
1P+N	0 039 51(3) (Isc 6 kA) 4 122 24	4 122 74	4 122 10(1) (Isc ≤ 25 kA) 4 122 24
3P	-	4 122 72	-
4P	4 122 23	4 122 73	4 122 23
3P+N	0 039 53(3) (Isc 6 kA) 4 122 25	4 122 75	4 122 11(1) (Isc ≤ 25 kA) 4 122 25

Keraunic level Nk > 25 days a year or Ng (Measured) > 1

	T2 Imax 40 kA	T1+T2 limp 12.5 kA	T2 Imax 20 kA
1P	4 122 40	4 122 70	4 122 20
2P	4 122 41	4 122 71	4 122 21
1P+N	4 122 14(1) (Isc ≤ 25 kA) 4 122 44	4 122 74	4 122 10(1) (Isc ≤ 25 kA) 4 122 24
3P	4 122 42	4 122 72	-
4P	4 122 43	4 122 73	4 122 23
3P+N	4 122 15(1) (Isc ≤ 25 kA) 4 122 45	4 122 75	4 122 11(1) (Isc ≤ 25 kA) 4 122 25

	T2+T3 Imax 12 kA or T2 Imax 20 kA	T2 Imax 40 kA	T2+T3 Imax 12 kA or T2 Imax 20 kA
1P	4 122 20	4 122 40	4 122 20
2P	4 122 21	4 122 41	4 122 21
1P+N	0 039 51(3) (Isc 6 kA) 4 122 24	4 122 14(1) (Isc ≤ 25 kA) 4 122 44	0 039 71(2) (Isc 10 kA) 4 122 24
3P	-	4 122 42	-
4P	4 122 23	4 122 43	4 122 23
3P+N	0 039 53(3) (Isc 6 kA) 4 122 25	4 122 15(1) (Isc ≤ 25 kA) 4 122 45	0 039 73(2) (Isc 10 kA) 4 122 25

	T2+T3 Imax 12 kA or T2 Imax 20 kA	T1+T2 limp 12.5 kA	T2 Imax 20 kA
1P	4 122 70	4 122 20	
2P	4 122 71	4 122 21	
1P+N	0 039 51(3) (Isc 6 kA) 4 122 24	4 122 74	4 122 10(1) (Isc ≤ 25 kA) 4 122 24
3P	-	4 122 72	-
4P	4 122 73	4 122 23	
3P+N	0 039 53(3) (Isc 6 kA) 4 122 25	4 122 75	4 122 11(1) (Isc ≤ 25 kA) 4 122 25

	T2+T3 Imax 12 kA or T2 Imax 20 kA	T2 Imax 40 kA	T2+T3 Imax 12 kA or T2 Imax 20 kA
1P	4 122 20	4 122 40	4 122 20
2P	4 122 21	4 122 41	4 122 21
1P+N	0 039 51(3) (Isc 6 kA) 4 122 24	4 122 14(1) (Isc ≤ 25 kA) 4 122 44	0 039 71(2) (Isc 10 kA) 4 122 24
3P	-	4 122 42	-
4P	4 122 23	4 122 43	4 122 23
3P+N	0 039 53(3) (Isc 6 kA) 4 122 25	4 122 15(1) (Isc ≤ 25 kA) 4 122 45	0 039 73(2) (Isc 10 kA) 4 122 25

	T2+T3 Imax 12 kA or T2 Imax 20 kA	T1+T2 limp 12.5 kA	T2 Imax 20 kA
1P	4 122 20	4 122 70	4 122 20
2P	4 122 21	4 122 71	4 122 21
1P+N	0 039 51(3) (Isc 6 kA) 4 122 24	4 122 74	4 122 10(1) (Isc ≤ 25 kA) 4 122 24
3P	-	4 122 72	-
4P	4 122 23	4 122 73	4 122 23
3P+N	0 039 53(3) (Isc 6 kA) 4 122 25	4 122 75	4 122 11(1) (Isc ≤ 25 kA) 4 122 25

Catalogue numbers with "(Iscxx kA)" incorporate short-circuit protection (they do not need external protection to be added)

1: If Isc > 25 kA, use the SPD with the recommended catalogue number without built-in Isc protection, and choose an external associated protection device with a suitable Isc capacity
2: If Isc > 10 kA, select a T2 Imax 20 kA SPD without short-circuit protection (Cat.Nos 4 124 24/25) or with integrated short-circuit protection (Cat.Nos 4 122 10/11)
3: If Isc > 6 kA, select a similar SPD, but with Isc 10 kA (Cat.Nos 0 039 71/73) or an SPD T2 Imax 20 kA (see the note 2 above)

PROXIMITY PROTECTION OF SENSITIVE EQUIPMENT (TV, HI-FI, COMPUTER, ROUTER, ETC) T3 SPD	
Mosaic 0 775 40 (p. 1186)	Multi-outlet: 6 945 05/07/08/09/10/11/ 12/13/14/15/95 (p. 831-832)

IT SYSTEM (ALL RISKS)	
TG	T1+T2/35 kA/440 V 4 122 80 (x 3 or 4) + DPX3 160 (80 A)
TD	T2/40 kA/440 V 4 122 30/32/33 + DX³ 40 A - C curve

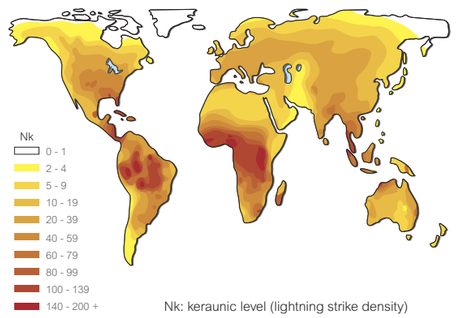
CHOOSE AN ASSOCIATED PROTECTION DEVICE

SPDs Cat.No	T1+T2 limp 25 kA / 35 kA 4 122 80/81/82/83		T1+T2 limp 12,5 kA 4 122 70/71/72/73/74/75			T1+T2 limp 8 kA 4 122 50/51/52/53/54/55			T2 Imax 40 kA 4 122 30/32/33/40/41/42/43/44/45			T2 Imax 20 kA 4 122 20/21/23/24/25		
MCBs Cat.No	DPX³ 160 (80 A)		DX³ 63 A C curve			DX³ 40 A C curve			DX³ 40 A C curve			DX³ 20 A C curve		
	3P	4P	2P	3P	4P	2P	3P	4P	2P	3P	4P	2P	3P	4P
Icc ≤ 10 kA	-	-	4 077 90	4 078 35	4 079 04	4 077 88	4 078 33	4 079 02	4 077 88	4 078 33	4 079 02	4 077 85	4 078 30	4 078 99
Icc ≤ 16 kA	4 200 04	4 200 14	4 092 27	4 092 79	4 093 61	4 092 25	4 092 77	4 093 59	4 092 25	4 092 77	4 093 59	4 092 22	4 092 74	4 093 56
Icc ≤ 25 kA	4 200 44	4 200 54	4 097 74	4 097 87	4 098 00	4 097 72	4 097 85	4 097 98	4 097 72	4 097 85	4 097 98	4 097 69	4 097 82	4 097 95
Icc ≤ 36 kA	4 200 84	4 200 94	4 100 14	4 100 27	4 100 40	4 100 12	4 100 25	4 100 38	4 100 12	4 100 25	4 100 38	-	-	-
Icc ≤ 50 kA	4 201 24	4 201 34	4 101 54	4 101 67	4 101 80	4 101 52	4 101 65	4 101 78	4 101 52	4 101 65	4 101 78	-	-	-

Choose your SPD and its associated protection

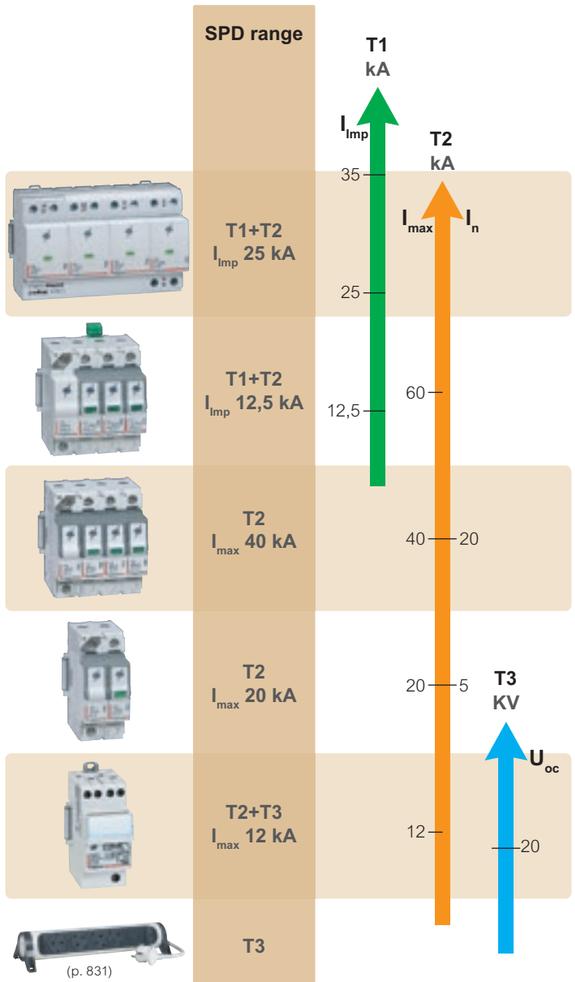
SPDs with neutral on right-hand side

STEP 1 SELECT YOUR AREA



Nk: keraunic level (lightning strike density)

The Legrand offer is suitable for all 3 types of SPD



Non linear indicative representation of the 3 typical SPD levels

STEP 2 ANSWER THE QUESTIONS

• Is there a lightning protection system on the building (lightning conductor, etc) or less than 50 m away?
4 possible levels (Protection Level), determined by the Design office

✓ → **Yes**

What Protection Level is the external lightning protection system (all keraunic levels)?

Protection Level III and IV

No. of poles	Private homes	Commercial - Industrial - Apartment bldgs: Main LV distrib. board	Commercial - Industrial - Apartment bldgs: Secondary distribution board or flat
	T1+T2 limp 12.5 kA	T1+T2 limp 12.5 kA	T2 Imax 20 kA
1P	4 122 70	4 122 70	4 122 20
2P	4 122 71	4 122 71	4 122 21
1P+N	4 122 76	4 122 76	4 122 12(1) (Isc ≤ 25 kA) 4 122 26
3P	4 122 72	4 122 72	-
4P	4 122 73	4 122 73	4 122 23
3P+N	4 122 77	4 122 77	4 122 13(1) (Isc ≤ 25 kA) 4 122 27

Protection Level I and II

No. of poles	Private homes	Commercial - Industrial - Apartment bldgs: Main LV distrib. board	Commercial - Industrial - Apartment bldgs: Secondary distribution board or flat
		T1+T2 limp 25 kA	T2 Imax 40 kA
1P	Not applicable	4 122 80 (limp 35 kA)	4 122 40
2P		-	4 122 41
1P+N		4 122 81	4 122 16(1) (Isc ≤ 25 kA) 4 122 46
3P		4 122 82	4 122 42
4P		-	4 122 43
3P+N		4 122 83	4 122 17(1) (Isc ≤ 25 kA) 4 122 47

✗ **NO**

• Is the power line partly or fully overhead (final 2 km)?

✓ → **YES or "I don't know"**

Keraunic level Nk ≤ 25 days a year or Ng (Measured) ≤ 1

	T2 Imax 20 kA	T1+T2 limp 12.5 kA	T2 Imax 20 kA
1P	4 122 20	4 122 70	4 122 20
2P	4 122 21	4 122 71	4 122 21
1P+N	4 122 12(1) (Isc ≤ 25 kA) 4 122 26	4 122 76	4 122 12(1) (Isc ≤ 25 kA) 4 122 26
3P	-	4 122 72	-
4P	4 122 23	4 122 73	4 122 23
3P+N	4 122 13(1) (Isc ≤ 25 kA) 4 122 27	4 122 77	4 122 13(1) (Isc ≤ 25 kA) 4 122 27

Keraunic level Nk > 25 days a year or Ng (Measured) > 1

	T2 Imax 40 kA	T1+T2 limp 12.5 kA	T2 Imax 20 kA
1P	4 122 40	4 122 70	4 122 20
2P	4 122 41	4 122 71	4 122 21
1P+N	4 122 16(1) (Isc ≤ 25 kA) 4 122 46	4 122 76	4 122 12(1) (Isc ≤ 25 kA) 4 122 26
3P	4 122 42	4 122 72	-
4P	4 122 43	4 122 73	4 122 23
3P+N	4 122 17(1) (Isc ≤ 25 kA) 4 122 47	4 122 77	4 122 13(1) (Isc ≤ 25 kA) 4 122 27

✗ **NO**

• Does the building open to the public or provide medical care (museums, town halls, retirement homes, hotels, banks, shops, etc)?

• Is the building isolated or in a mountainous area?

• Is it an industrial building?

✓ → **YES or "I don't know"**

	T2 Imax 20 kA	T2 Imax 40 kA	T2 Imax 20 kA
1P	4 122 20	4 122 40	4 122 20
2P	4 122 21	4 122 41	4 122 21
1P+N	4 122 12(1) (Isc ≤ 25 kA) 4 122 26	4 122 16(1) (Isc ≤ 25 kA) 4 122 46	4 122 12(1) (Isc ≤ 25 kA) 4 122 26
3P	-	4 122 42	-
4P	4 122 23	4 122 43	4 122 23
3P+N	4 122 13(1) (Isc ≤ 25 kA) 4 122 27	4 122 17(1) (Isc ≤ 25 kA) 4 122 47	4 122 13(1) (Isc ≤ 25 kA) 4 122 27

	T2 Imax 20 kA	T2 Imax 20 kA	T1+T2 limp 12.5 kA	T2 Imax 20 kA
1P	4 122 20	4 122 20	4 122 70	4 122 20
2P	4 122 21	4 122 21	4 122 71	4 122 21
1P+N	4 122 12(1) (Isc ≤ 25 kA) 4 122 26	4 122 12(1) (Isc ≤ 25 kA) 4 122 26	4 122 76	4 122 12(1) (Isc ≤ 25 kA) 4 122 26
3P	-	-	4 122 72	-
4P	4 122 23	4 122 23	4 122 73	4 122 23
3P+N	4 122 13(1) (Isc ≤ 25 kA) 4 122 27	4 122 13(1) (Isc ≤ 25 kA) 4 122 27	4 122 77	4 122 13(1) (Isc ≤ 25 kA) 4 122 27

✗ **NO**

• Does the building contain expensive equipment?

• Is maximum continuity of service required?

• Is it a farm building?

✓ → **YES or "I don't know"**

	T2 Imax 20 kA	T2 Imax 20 kA	T2 Imax 20 kA	T2 Imax 20 kA	T2 Imax 40 kA	T2 Imax 20 kA
1P	4 122 20	4 122 20	4 122 20	4 122 20	4 122 40	4 122 20
2P	4 122 21	4 122 21	4 122 21	4 122 21	4 122 41	4 122 21
1P+N	4 122 12(1) (Isc ≤ 25 kA) 4 122 26	4 122 12(1) (Isc ≤ 25 kA) 4 122 26	4 122 12(1) (Isc ≤ 25 kA) 4 122 26	4 122 12(1) (Isc ≤ 25 kA) 4 122 26	4 122 16(1) (Isc ≤ 25 kA) 4 122 46	4 122 12(1) (Isc ≤ 25 kA) 4 122 26
3P	-	-	-	-	4 122 42	-
4P	4 122 23	4 122 23	4 122 23	4 122 23	4 122 43	4 122 23
3P+N	4 122 13(1) (Isc ≤ 25 kA) 4 122 27	4 122 13(1) (Isc ≤ 25 kA) 4 122 27	4 122 13(1) (Isc ≤ 25 kA) 4 122 27	4 122 13(1) (Isc ≤ 25 kA) 4 122 27	4 122 17(1) (Isc ≤ 25 kA) 4 122 47	4 122 13(1) (Isc ≤ 25 kA) 4 122 27

✗ **NO**

I DON'T HAVE ANY INFORMATION

	T2 Imax 20 kA	T1+T2 limp 12.5 kA	T2 Imax 20 kA	T2 Imax 20 kA	T1+T2 limp 12.5 kA	T2 Imax 20 kA
1P	4 122 20	4 122 70	4 122 20	4 122 20	4 122 70	4 122 20
2P	4 122 21	4 122 71	4 122 21	4 122 21	4 122 71	4 122 21
1P+N	4 122 12(1) (Isc ≤ 25 kA) 4 122 26	4 122 76	4 122 12(1) (Isc ≤ 25 kA) 4 122 26	4 122 12(1) (Isc ≤ 25 kA) 4 122 26	4 122 76	4 122 12(1) (Isc ≤ 25 kA) 4 122 26
3P	-	4 122 72	-	-	4 122 72	-
4P	4 122 23	4 122 73	4 122 23	4 122 23	4 122 73	4 122 23
3P+N	4 122 13(1) (Isc ≤ 25 kA) 4 122 27	4 122 77	4 122 13(1) (Isc ≤ 25 kA) 4 122 27	4 122 13(1) (Isc ≤ 25 kA) 4 122 27	4 122 77	4 122 13(1) (Isc ≤ 25 kA) 4 122 27

Catalogue numbers with "(Iscxx kA)" incorporate short-circuit protection (they do not need external protection to be added)

1: If Isc > 25 kA, use the SPD with the recommended catalogue number without built-in Isc protection, and choose an external associated protection device with a suitable Isc capacity

PROXIMITY PROTECTION OF SENSITIVE EQUIPMENT (TV, HI-FI, COMPUTER, ROUTER, ETC) T3 SPD	
Mosaic 0 775 40 (p. 1186)	Multi-outlet : 6 945 05/07/08/09/10/11/12/13/14/15/95 (p. 831-832)

IT SYSTEM (ALL RISKS)	
TG	T1+T2/35 kA/440 V 4 122 80 (x 3 or 4) + DPX³ 160 (80 A)
TD	T2/40 kA/440 V 4 122 30/32/33 + DX³ 40 A - C curve

CHOOSE AN ASSOCIATED PROTECTION DEVICE

SPDs Cat.No	T1+T2 limp 25 kA / 35 kA 4 122 80/81/82/83		T1+T2 limp 12,5 kA 4 122 70/71/72/73/76/77			T1+T2 limp 8 kA 4 122 50/51/52/53/56/57			T2 Imax 40 kA 4 122 30/32/33/40/41/42/43/46/47			T2 Imax 20 kA 4 122 20/21/23/26/27		
MCBs Cat.No	DPX³ 160 (80 A)		DX³ 63 A C curve			DX³ 40 A C curve			DX³ 40 A C curve			DX³ 20 A C curve		
	3P	4P	2P	3P	4P	2P	3P	4P	2P	3P	4P	2P	3P	4P
Icc ≤ 10 kA	-	-	4 078 06	4 078 65	4 079 34	4 078 04	4 078 63	4 079 32	4 078 04	4 078 63	4 079 32	4 078 01	4 078 60	4 079 29
Icc ≤ 16 kA	4 200 04	4 200 14	4 092 08	4 092 60	4 093 42	4 092 06	4 092 58	4 093 40	4 092 06	4 092 58	4 093 40	4 092 03	4 092 55	4 093 37
Icc ≤ 25 kA	4 200 44	4 200 54	4 097 74	4 097 87	4 098 00	4 097 72	4 097 85	4 098 98	4 097 72	4 097 85	4 097 98	4 097 69	4 097 82	4 097 95
Icc ≤ 36 kA	4 200 84	4 200 94	4 100 14	4 100 27	4 100 40	4 100 12	4 100 25	4 100 38	4 100 12	4 100 25	4 100 38	-	-	-
Icc ≤ 50 kA	4 201 24	4 201 34	4 101 54	4 101 67	4 101 80	4 101 52	4 101 65	4 101 78	4 101 52	4 101 65	4 101 78	-	-	-

Type 1 + Type 2 (T1+T2) SPDs

4 122 57

4 122 75

4 122 83

4 122 84

4 123 03

Technical characteristics **p. 87 to 89**

1P+N and 3P+N SPDs have encapsulated spark gap technology on the neutral-earth spur, which prevents earth leakage currents: no unwanted tripping of the residual current protection devices
These SPDs can be installed upstream the main earth leakage module
SPDs with plug-in modules and status indicators (except neutral-earth spur of Cat.Nos 4 122 54/55/56/57/74/75/76/77):
- Green: SPD working
- Red: plug-in modules need to be replaced
Conforming to standards EN/IEC 61643-11

SPD without short-circuit protection

Pack	Cat.Nos	Number of poles	Neutral position	Status feedback (SD auxiliary)	Number of modules
		T1+T2 - Iimp 8 kA Up 1.5 kV, Uc 320 VA Type 1 characteristics: Iimp 8 kA Type 2 characteristics: In 20 kA and Imax 50 kA Neutral earthing system: TT, TNC, TNS Protection against short-circuited end of life to be added: DX³ 40 A - C curve			
1	4 122 50	1P	-	No	1
1	4 122 54	1P+N	Left	No	2
1	4 122 56	1P+N	Right	No	2
1	4 122 51	2P	-	No	2
1	4 122 52	3P	-	No	3
1	4 122 55	3P+N	Left	No	4
1	4 122 57	3P+N	Right	No	4
1	4 122 53	4P	-	No	4
		T1+T2 - Iimp 12.5 kA Up 1.5 kV, Uc 320 V~ Type 1 characteristics: Iimp 12.5 kA Type 2 characteristics: In 25 kA and Imax 60 kA Neutral earthing systems: TT, TNC, TNS Protection against short-circuited end of life to be added: DX³ 63 A - C curve			
1	4 122 70	1P	-	Yes	1
1	4 122 74	1P+N	Left	Yes	2
1	4 122 76	1P+N	Right	Yes	2
1	4 122 71	2P	-	No	2
1	4 122 72	3P	-	Yes	3
1	4 122 75	3P+N	Left	Yes	4
1	4 122 77	3P+N	Right	Yes	4
1	4 122 73	4P	-	No	4
		T1+T2 - Iimp 25 kA Up 1.5 kV, Uc 350 V~ Type 1 characteristics: Iimp 25 kA Type 2 characteristics: In 25 kA and Imax 50 kA Neutral earthing systems: TT, TNC, TNS Protection against short-circuited end of life to be added: DPX³ 160-80 A			
1	4 122 81	1P+N	Right	Yes	4
1	4 122 82	3P	-	Yes	6
1	4 122 83	3P+N	Right	Yes	8
		T1+T2 - Iimp 35 kA - Uc 440 V~ (IT) Up 2.5 kV, Uc 440 V~ Type 1 characteristics: Iimp 35 kA Type 2 characteristics: In 35 kA and Imax 50 kA Neutral earthing systems: TT, TNC, TNS, IT Protection against short-circuited end of life to be added: DPX³ 160-80 A			
1	4 122 80	1P	-	Yes	2

Plug-in replacement modules

Pack	Cat.Nos	
1	4 122 86	For T1+T2/35 kA SPDs Cat.No 4 122 80
1	4 122 84	For T1+T2/25 kA SPDs Cat.Nos 4 122 81/82/83 and former Cat.Nos 0 030 20/22/23
1	4 122 85	For T1+T2/25 kA SPDs (N-PE module) Cat.Nos 4 122 81/82/83 and former Cat.No 0 030 23
1	4 123 02	For T1+T2/8 kA SPDs Cat.Nos 4 122 50/51/52/53/54/55/56/57
1	4 123 03	For T1+T2/12.5 kA SPDs Cat.Nos 4 122 70/71/72/73/74/75/76/77

SPD wiring kit

Pack	Cat.Nos	
1	4 123 10	Set of 5 ready-to-use conductors (16 mm²/40 cm including an earthing conductor) for connecting SPDs in industrial enclosures. Ideal for conformity with EN/IEC 61439

Type 2 (T2) SPDs

Protected

4 122 15

4 122 45

4 122 99

Technical characteristics **p. 87 to 89**

1P+N and 3P+N SPDs have encapsulated spark gap technology on the neutral-earth spur, which prevents earth leakage currents: no unwanted tripping of the residual current protection devices
These SPDs can be installed upstream the main earth leakage module
SPDs with plug-in modules and status indicators for neutral-earth spurs of xP+Ns and for all neutral-earth spurs of xPs:
- Green: SPD working
- Orange: plug-in modules need to be replaced
Conforming to standards EN/IEC 61643-11

SPDs with integrated short-circuit protection Isc ≤ 25 kA

T2 - Imax 20 kA

Up 2.5 kV, Uc 320 V~
Type 2 characteristic: In 5 kA, Imax 20 kA
Neutral earthing systems: TT, TNS

Pack	Cat.Nos	Number of poles	Neutral position	Status feedback (SD auxiliary)	Number of modules
1	4 122 10	1P+N	Left	Yes	4
1	4 122 12	1P+N	Right	Yes	4
1	4 122 11	3P+N	Left	Yes	8
1	4 122 13	3P+N	Right	Yes	8

T2 - Imax 40 kA

Up 2.5 kV, Uc 320 V~
Type 2 characteristic: In 20 kA, Imax 40 kA
Neutral earthing systems: TT, TNS

Pack	Cat.Nos	Number of poles	Neutral position	Status feedback (SD auxiliary)	Number of modules
1	4 122 14	1P+N	Left	Yes	4
1	4 122 16	1P+N	Right	Yes	4
1	4 122 15	3P+N	Left	Yes	8
1	4 122 17	3P+N	Right	Yes	8

SPDs without short-circuit protection

T2 - Imax 20 kA

Up 1.2 kV, Uc 320 V~
Type 2 characteristic: In 5 kA, Imax 20 kA
Neutral earthing systems: TT, TNC, TNS
Protection against short-circuited end of life to be added:
DX³ 20 A - C curve

Pack	Cat.Nos	Number of poles	Neutral position	Status feedback (SD auxiliary)	Number of modules
1	4 122 20	1P	-	No	1
1	4 122 24	1P+N	Left	No	2
1	4 122 26	1P+N	Right	No	2
1	4 122 21	2P	-	No	2
1	4 122 25	3P+N	Left	No	4
1	4 122 27	3P+N	Right	No	4
1	4 122 23	4P	-	No	4

T2 - Imax 40 kA

Up 1.7 kV, Uc 320 V~
Type 2 characteristic: In 20 kA, Imax 40 kA
Neutral earthing systems: TT, TNC, TNS
Protection against short-circuited end of life to be added:
DX³ 40 A - C curve

Pack	Cat.Nos	Number of poles	Neutral position	Status feedback (SD auxiliary)	Number of modules
1	4 122 40	1P	-	No	1
1	4 122 44	1P+N	Left	No	2
1	4 122 46	1P+N	Right	No	2
1	4 122 41	2P	-	No	2
1	4 122 42	3P	-	Yes	3
1	4 122 45	3P+N	Left	No	4
1	4 122 47	3P+N	Right	No	4
1	4 122 43	4P	-	No	4

SPDs without short-circuit protection (continued)

T2 - Imax 40 kA - Uc 440 V~ (IT)

SPDs suitable for the high voltages which appear between the poles if a second fault occurs in IT systems
Up 2.1 kV, Uc 440 V~
Type 2 characteristic: In 20 kA, Imax 40 kA
Neutral earthing systems: TT, TNC, TNS, IT
Protection against short-circuited end of life to be added:
DX³ 40 A - C curve

Pack	Cat.Nos	Number of poles	Neutral position	Status feedback (SD auxiliary)	Number of modules
1	4 122 30	1P	-	No	1
1	4 122 32	3P	-	Yes	3
1	4 122 33	4P	-	Yes	4

Plug-in replacement modules

Up 2.5 kV, Uc 320 V~
Type 2 characteristic: In 20 kA, Imax 40 kA
Neutral earthing systems: TT, TNS

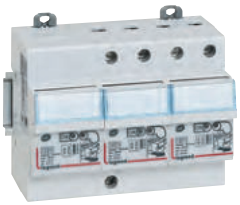
Pack	Cat.Nos	
1	4 122 99	For T2/40 kA SPDs Cat.Nos 4 122 14/15/16/17/40/41/42/43/44/45/46/47 and former Cat.Nos 4 122 04/05/64/65/66/67
1	4 123 00	For T2/40 kA SPDs (N-PE module) Cat.Nos 4 122 44/45
1	4 123 01	For T2/40 kA (440 V) SPDs Cat.Nos 4 122 30/32/33
1	4 122 17	For T2/20 kA SPDs (N-PE module) Cat.Nos 4 122 24/25
1	4 122 97	For T2/20 kA SPDs Cat.Nos 4 122 10/11/20/24/25 and former Cat.Nos 4 122 60/61

Red catalogue numbers: New products

Type 2 + Type 3 (T2 + T3) SPDs

Protected

0 039 51


0 039 53

0 039 54

Technical characteristics **p. 87 to 89**

1P+N and 3P+N SPDs have encapsulated spark gap technology on the neutral-earth spur, which prevents earth leakage currents: no unwanted tripping of the residual current protection devices located upstream
SPDs with integrated short-circuit protection thanks to a special built-in fuse
In TT systems, these SPDs must be used with residual current protection upstream
Cat.Nos 0 039 51/71 are easily installed in the distribution board, since they are compatible with the vertical busbar and also the power supply at the top/outgoing line at the top
SPDs with plug-in modules:
- Green: SPD working
- Red: plug-in modules need to be replaced
Conforming to standards EN/IEC 61643-11

SPDs with integrated short-circuit protection Isc 6 kA

T2+T3 - Imax 12 kA
Up 1.2 kV, Uc 275V~
Type 2 characteristic: In 10 kA, Imax 12 kA
Type 3 characteristic: Uoc 20 kV
Systems: TT, TNS

Pack	Cat.Nos	Number of poles	Number of modules
1	0 039 51	1P+N	2
1	0 039 53	3P+N	6

SPDs with integrated short-circuit protection Isc 10 kA

T2+T3 - Imax 12 kA
Up 1.2 kV, Uc 275V~
Type 2 characteristic: In 10 kA, Imax 12 kA
Type 3 characteristic: Uoc 20 kV
Systems: TT, TNS

Pack	Cat.Nos	Number of poles	Number of modules
1	0 039 71	1P+N	2
1	0 039 73	3P+N	6

Plug-in replacement modules

Pack	Cat.Nos	
1	0 039 54	For T2/12 kA SPDs Cat.Nos 0 039 51/53
1	0 039 74	For T2/12 kA SPDs Cat.Nos 0 039 71/73

SPDs for communication networks (telephone, X-DSL)

4 122 00

4 123 19

SPD for telephone lines and communication lines

Protection of analogue and digital equipment such as telephones, modems, axiophones, door entry systems, etc to create full protection for the equipment in addition to low-voltage SPDs
Compatible with X-DSL (partial or full unbundling)
End-of-life status: loss of the line
Conforming to standards EN/IEC 61643-21

SPD for telephone/ADSL - RJ45 or terminal blocks
Types D1 and C2[1] for installations with/without lightning conductor
Connectors: RJ45 (compatible with RJ11) and screw terminal block
Mounting on DIN rail

Pack	Cat.Nos	In/Imax	Max. voltage (Uc)	Protection level (Up)	No. of modules
1	4 122 00	10/20[2] kA	180 V	< 350 V	1

SPD for telephone/ADSL - terminal blocks
Type C2[1] for installations without lightning conductor
Connectors: screw terminal block
Wall mounting (screws not supplied) or on DIN rail with adaptor Cat.No 0 364 69 or 0 739 79 (to be ordered separately)
Dimensions: 63 x 27 x 31 mm (Height x Width x Depth)

Pack	Cat.Nos				
1	4 123 19	5/10 kA	180 V	280 V	-

1: D1 (similar to T1/class I) and C2 (similar to T2/class II) test categories in accordance with EN/IEC 61643-21

2: The In value is indicated for connection on a terminal block - (In = 2.5 kA with RJ45 connectors)

Low-voltage SPDs

technical characteristics and installation

Lightning and overvoltage protection

Protection against the effects of lightning essentially relies on:
- Protecting buildings by installing a lightning protection system (LPS or lightning conductor) that can capture the lightning and discharge the lightning current to earth
- Use of SPDs to protect equipment
- The earth network design (passive installation protection)

The external lightning protection system (LPS): lightning conductor

An external lightning protection system (LPS) protects buildings against lightning strikes. It is usually based on the use of lightning conductors (single rod, with sparkover device, meshed cage, etc) and/or the metal structure of the building
Standard EN/IEC 62305 defines 4 protection levels for these systems outside the building, depending on the site configurations, the activity and the geographical area
These levels involve the use of SPDs with minimum discharge performance
Lightning protection level I/II: Type 1 Iimp 25 kA (IT: Iimp 35 kA)
Lightning protection level III/IV: Type 1 Iimp 12.5 kA

The surge protective device (SPD)

Is used to:
- Protect sensitive devices against overvoltages due to lightning by limiting overvoltages to values the equipment can withstand
- Minimise any potentially harmful consequences for people's safety (home-based medical equipment, security or environmental systems, etc)
- Maximise equipment continuity of operation and minimise production losses

SPDs and standards

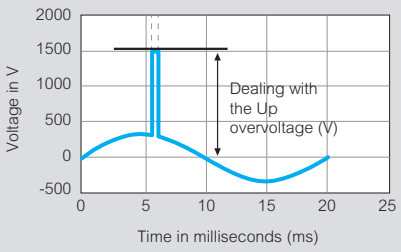
1 - Product standards EN 61643-11 and IEC 61643-11

There are 3 types of SPD, which are characterised according to 3 test types:
- Types 1 (T1), tested with a "long" current wave (10/350 µs, high energy) whose maximum peak is Iimp
- Types 2 (T2), tested with a "short" current wave (8/350 µs) whose maximum peak is Imax or In
- Types 3 (T3), tested with a short voltage wave (1.2/50µs), whose maximum peak is Uoc (similar wave to the 8/20 current wave of T2s)

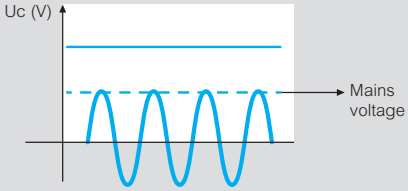
SPDs can be characterised as one of several types: Type 1 + Type 2 or Type 2 + Type 3

Other characteristics

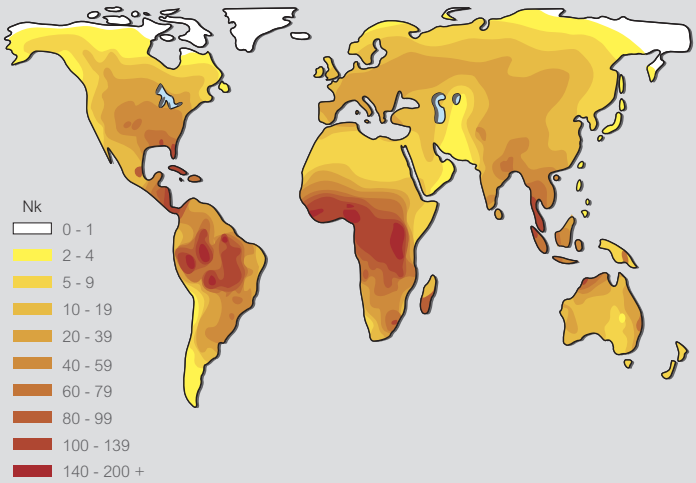
- Up protection voltage: maximum voltage at the SPD terminals while dealing with overvoltages



- Uc critical voltage: SPD ignition voltage. The mains voltage must always be less than this value (watch out for the double IT system fault: Uc must be > 400 V).



2 - Keraunic level (Nk)



Nk = Keraunic level (Number of days a year when thunder is heard at a given point)
The standards and risk analyses now rely on new data: Ng
Ng = lightning strike density expressed in Number of lightning strikes/km²/year
If there are no Ng measurements, it is possible to calculate Ng from the Nk with the following equation: Ng = Nk/10

3 - Installation standards

SPDs are dealt with by standards HD/IEC 60364-4-443 (selection of SPDs and mandatory aspects) and HD/IEC 60364-5-534 (installation)
The most recent versions (2015) insist on the use of SPDs in installations:
- where people are at risk (installations providing a security service, medical services, hospitals, etc)
- offering a public or cultural service (public service, communication exchanges, museums, religious buildings, etc)
- in the service sector and industry (hotels, banks, industries, shops, farms, etc)
- equipped with a Lightning Protection System (LPS, lightning conductor) or designed in accordance with EN/IEC 62305
- likely to hold a large number of people (apartment buildings, office buildings, schools, etc in Europe)

In the case of smaller installations (small shops, private houses, etc), a risk analysis should be conducted (article 443.5)
Failing this, SPDs must be installed.
However, SPDs are not mandatory in private homes if the cost of installing it is more than a fifth of the cost of the installation
Installing SPDs as per the recommendations in the selection charts on p. 80 to 83 will ensure conformity with the installation standard.

Overall installation protection

In large installations, several SPDs are required for maximum overvoltage protection efficiency, especially if the SPD at the supply end has a Up protection level higher than 1.5 kV (EN 62305 and TS 61643-12)

As a general rule, it is advisable to install additional SPDs as well as the SPD installed at the supply end of the installation, when the equipment to be protected is more than 10 m away from the SPD at the supply end
In Commercial-Industrial buildings: this involves installing an SPD in secondary distribution boards if they are more than 10 m away from the main LV distribution board, and also protection devices close to the equipment if these are more than 10 m away from the secondary distribution board
In the home: Installation of a proximity SPD (T3 wall socket or multi-outlet type) if sensitive equipment is more than 10 m away from the protection board

Finally, as recommended in the installation standard, if there is a low-voltage SPD on the power circuit, we strongly recommend that an SPD is installed on the communication line (Cat.No 4 122 00)

Low-voltage SPDs

technical characteristics and installation (continued)

Distribution board SPDs

Mains 230/400 V~ (50/60 Hz) - Degree of protection IP 20
1P+N (3P+N) SPDs: L-N and N-PE protection, also called mode 1+1 (3+1 resp.) or protection type CT2 as per the installation standards.

Cat.Nos	Type	Poles	Neutral earthing system	Max. voltage (Uc)	Protection mode	Nominal current In/pole (8/20)	Max. discharge current			Protection Level		Max. short-circuit Isc (Isccr)	Protection to be added [1]	SD auxiliary (status feedback)
							Imax/pole (8/20)	Iimp/pole (10/350)	I total (10/350)	Up (L-N/L-PE/N-PE)	Up at 5 kA			
4 122 80	T1+T2/35 kA	1P	TT, TNC, TNS, IT	440 V~	-	35 kA	50 kA	35 kA	35 kA	2.5 kV		50 kA	DPX³160 80 A	yes
4 122 81	T1+T2/25 kA	1P+N	TT, TNS	350 V~	CT2	25 kA	50 kA	25/50 kA	50 kA	1.5/2.5/1.5 kV				yes
4 122 82	T1+T2/25 kA	3P	TNC	350 V~	CT1	25 kA	50 kA	25 kA	75 kA	1.5 kV				yes
4 122 83	T1+T2/25 kA	3P+N	TT, TNS	350 V~	CT2	25 kA	50 kA	25/100 kA	100 kA	1.5/2.5/1.5 kV				yes
4 122 70	T1+T2/12.5 kA	1P	TT, TNC, TNS	320 V~	-	25 kA	60 kA	12.5 kA	12.5 kA	1.5 kV to 12.5 kA 1.9 kV to 25 kA	1 kV	50 kA	DX³ 63 A curve C	no
4 122 71	T1+T2/12.5 kA	2P	TT, TNS	320 V~	CT1	25 kA	60 kA	12.5 kA	25 kA					no
4 122 72	T1+T2/12.5 kA	3P	TNC	320 V~	CT1	25 kA	60 kA	12.5 kA	37.5 kA					yes
4 122 73	T1+T2/12.5 kA	4P	TT, TNS	320 V~	CT1	25 kA	60 kA	12.5 kA	50 kA					no
4 122 74/76	T1+T2/12.5 kA	1P+N	TT, TNS	320 V~	CT2	25 kA	60 kA	12.5/25 kA	25 kA	1.5/1.6/1.5 kV to 12.5 kA 1.9/2.1/1.5 kV to 25 kA	1 kV			yes
4 122 75/77	T1+T2/12.5 kA	3P+N	TT, TNS	320 V~	CT2	25 kA	60 kA	12.5/50 kA	50 kA					yes
4 122 50	T1+T2/8 kA	1P	TT, TNS	320 V~	-	20 kA	50 kA	8 kA	8 kA	1.2 kV to 8 kA 1.7 kV to 20 kA	1 kV	50 kA	DX³ 40 A curve C	no
4 122 51	T1+T2/8 kA	2P	TT, TNS	320 V~	CT1	20 kA	50 kA	8 kA	16 kA					no
4 122 52	T1+T2/8 kA	3P	TNC	320 V~	CT1	20 kA	50 kA	8 kA	25 kA					no
4 122 53	T1+T2/8 kA	4P	TT, TNS	320 V~	CT1	20 kA	50 kA	8 kA	32 kA					no
4 122 54/56	T1+T2/8 kA	1P+N	TT, TNS	320 V~	CT2	20 kA	50 kA	8 kA	16 kA	1.2/1.5/1.5 kV to 8 kA 1.7/2/1.5 kV to 20 kA	1 kV			no
4 122 55/57	T1+T2/8 kA	3P+N	TT, TNS	320 V~	CT2	20 kA	50 kA	8 kA	25 kA					no
4 122 40	T2/40 kA	1P	TT, TNS	320 V~	-	20 kA	40 kA			1.5 kV to 15 kA 1.7 kV to 20 kA	1 kV	50 kA	DX³ 40 A curve C	no
4 122 41	T2/40 kA	2P	TT, TNS	320 V~	CT1	20 kA	40 kA					50 kA		no
4 122 42	T2/40 kA	3P	TNC	320 V~	CT1	20 kA	40 kA					50 kA		yes
4 122 43	T2/40 kA	4P	TT, TNS	320 V~	CT1	20 kA	40 kA					50 kA		no
4 122 44/46 4 122 64/66	T2/40 kA	1P+N	TT, TNS	320 V~	CT2	20 kA	40 kA			1.5/1.6/1.4 kV to 15 kA 1.7/2/1.4 kV to 20 kA	1 kV	50 kA 25 kA		no yes
4 122 45/47 4 122 65/67	T2/40 kA	3P+N	TT, TNS	320 V~	CT2	20 kA	40 kA					50 kA 25 kA		no yes
4 122 14/16	T2/40 kA	1P+N	TT, TNS	320 V~	CT2	20 kA	40 kA			2.5 kV		25 kA	Integrated Isc protection	yes
4 122 15/17	T2/40 kA	3P+N	TT, TNS	320 V~	CT2	20 kA	40 kA							yes
4 122 30	T2/40 kA	1P	TT, TNC, TNS, IT	440 V~	-	20 kA	40 kA			1.8 kV to 15 kA 2.1 kV to 20 kA	1.3 kV	50 kA	DX³ 40 A curve C	no
4 122 32	T2/40 kA	3P	TNC, IT	440 V~	CT1	20 kA	40 kA							yes
4 122 33	T2/40 kA	4P	TT, TNS, IT	440 V~	CT1	20 kA	40 kA							yes
4 122 20	T2/20 kA	1P	TT, TNS	320 V~	-	5 kA	20 kA			1.2 kV to 5 kA 1.4 kV to 10 kA	1.2 kV	25 kA	DX³ 20 A curve C	no
4 122 21	T2/20 kA	2P	TT, TNS	320 V~	CT1	5 kA	20 kA							no
4 122 23	T2/20 kA	4P	TT, TNS	320 V~	CT1	5 kA	20 kA							no
4 122 24/26 4 122 60/62	T2/20 kA	1P+N	TT, TNS	320 V~	CT2	5 kA	20 kA			1.2/1.4/1.4 kV to 5 kA 1.4/1.4/1.4 kV to 10 kA	1.2 kV			no yes
4 122 25/27 4 122 61/63	T2/20 kA	3P+N	TT, TNS	320 V~	CT2	5 kA	20 kA							no yes
4 122 10/12	T2/20 kA	1P+N	TT, TNS	320 V~	CT2	5 kA	20 kA			2.5 kV			Integrated Isc protection	yes
4 122 11/13	T2/20 kA	3P+N	TT, TNS		CT2	5 kA								yes
0 039 51 0 039 71	T2+T3/12 kA	1P+N	TT, TNS	275 V~	CT2	10 kA	12 kA			1.1/1.2/1.2 kV to 10 kA	1 kV	6 kA 10 kA		no
0 039 53 0 039 73	T2+T3/12 kA	3P+N	TT, TNS	275 V~	CT2	10 kA	20 kA					6 kA 10 kA		

CT1: L(N)-PE protection modes
CT2: L-N and N-PE protection modes
1: DPX³ type circuit breakers (only with SPDs Cat.Nos 4 122 80/81/82/83)
Protected with fuses or other values than those indicated in the chart: please consult us or see product technical data sheet

Characteristics of proximity SPDs

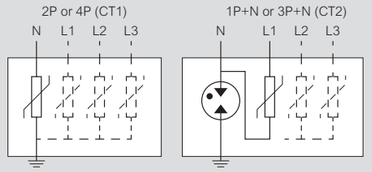
230 V~ protection: Type 3 (T3) SPDs

Cat.Nos	0 775 40	6 945 05/07/08/09/10/11/12/13/14	6 945 95
Up	1/1.2 kV	1 kV	1 kV
Uoc	3 kV	4 kV	4 kV

TT system: Installation downstream of an earth leakage module

1P+N+ 3P+N SPDs

1P+N+ 3P+N SPDs, also called 1+1 or 3+1 in accordance with IEC and EN 60364-5-534 standards, or even CT2 configuration, cleverly combine two technologies:
An encapsulated spark gap on the Neutral-Earth spur, and voltage-dependet restitors (varistors) between Phase and Neutral



In this diagram (above right), the voltage-dependet restitors (varistors) dealing with overvoltages on the phases are connected on the "IN" side of the Neutral-Earth spur with encapsulated spark gap
Hence any current leaks inherent in the voltage-dependet restitors (varistors) (from a few µA when new to a few mA at end of life) will be discharged to the neutral (whereas to Earth for CT1s), because the encapsulated spark gap is a totally insulated component, without any current leaks when supplied with mains voltage. It only switches to "conductor" mode when dealing with overvoltages (a few microseconds)

These SPDs do not therefore result in any leaks to Earth apart from when dealing with overvoltages, and have proved much more suitable for TT neutral earthing systems which use residual current protective devices

Indeed, this new type of SPD does not cause unwanted tripping of upstream earth leakage modules, and does not need an earth leakage module dedicated to SPDs

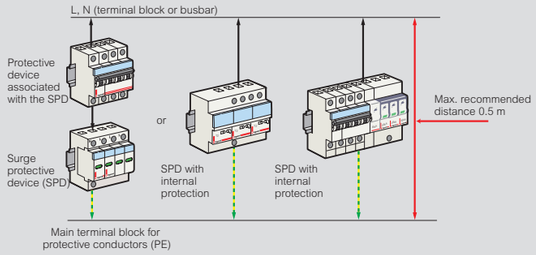
Alternatively, Type 1+Type 2 SPDs, or type 2 SPDs using this type of assembly can be installed upstream of the earth leakage modules Conversely, Type2+Type3 SPDs (Cat.Nos 0 039 51/53/71/73) use this CT2 type of assembly, but should be installed downstream of an earth leakage module

The installation

1 - SPD protection

SPDs must be protected by a circuit breaker (or fuses), to deal with cases of short-circuited end-of-life which can occur internally: see table p. 11-13
SPDs which have this protection built-in (4 122 10/11/12/13/14/15/16/17 and 0 039 51/53/71/73) simplify installation, and optimise performance of the whole assembly ("50 cm" rule is easier to implement)
However, the most common cause of end of life is still overheating of its components, which is dealt with by an internal thermal disconnect, mechanically connected to the status indicator, which is found in all SPDs

2 - Connection principle



Keep connection lengths short, < 50 cm if possible.
EMC (ElectroMagnetic Compatibility) rules: avoid loops, fix the cables firmly against the exposed metal conductive parts

3 - Coordinating upstream/downstream SPDs

Consists of ensuring that any downstream SPD (in distribution enclosures or proximity SPDs) is correctly coordinated in energy terms with any SPD located upstream (TS 61643-12)
Minimum distances between SPDs in m:

Upstream SPD	Downstream SPD	With LPS[1]	Without LPS[1]
T1+T2/35 and T1+T2/25	T2/40 (Uc 440 V)	0	0
	T2/40 (Uc 320 V)	1	0
T1+T2/12.5	T2/40	5	0
	T2/20 or T2+T3/12	8	0
T2/40	T2/20 or T2+T3/12	-	1
T2/20	T2+T3/12	-	0.5
T2/20 and T2+T3/12	Proximity SPD	-	2

1: Lightning Protection System

SPDs for photovoltaic installations

4 141 56

Pack	Cat.Nos	Type 2 SPDs - Imax 40 kA			
		Protection on the direct current side of photovoltaic installations connected to the low-voltage network (without energy storage system) Conforming to UTE C 61-740-51 annd UTE C 15-712-1 guides Common mode and differential mode protection (prewired Y protection circuit: protections +/-, +/T, -/T) SPDs with plug-in modules and status indicators: - Green: SPD working - Red: plug-in modules need to be replaced			
		Voltage (V=)	Number of poles	Status feedback (SD auxiliary)	Number of modules
1	4 141 55	600	2	Yes	3
1	4 141 56	1000	2	Yes	3
		Plug-in replacement modules			
1	4 141 85	For SPDs Cat.No 4 141 55			
1	4 141 86	For SPDs Cat.No 4 141 56			

DMX³ 4000 - 1000 V~ ACBs for photovoltaic installations **p. 218**

SPDs for photovoltaic installations

technical characteristics

Type 2 SPDs (surge protective devices) 600 and 1 000 V⎓

Cat.Nos	4 141 55	4 141 56
Type	T2	
Max voltage (Ucpv)	720 V⎓	1200 V⎓
Max discharge current (Imax)	40 kA	
Rated current (In)	20 kA	
Protection level (Up)	< 2,4 kV	≤ 4 kV
Current of use (Iscpv)	65 A(1)	125 A(1)
Max capacity of terminals (flexible with connector / rigid)	25/35 mm²	
Protection index	IP 20	
Operating temperature	-10 to +40 °C	

Red catalogue numbers: New products

Domestic fuse carriers

0 058 11

0 058 14

0 058 21

0 058 24

With label-holders
With insulated carrier class II, padlockable
Coupling via supply busbars
Shielded terminals capacity 2 x 10 mm²
Possibilty to signal indicator blown fuse
Fuse not supplied

For domestic cylindrical cartridge fuses

Conform to EN 60269-1 and IEC 60269-1,3

Single pole

Pack	Cat.Nos	For domestic cartridges	Cartridge dimensions (mm)	Number of modules
10	0 058 10	10 A - 230 V~	8.5 x 23	1
10	0 058 11	16 A	10.3 x 25.8	1
10	0 058 12	20 A - 400 V~	8.5 x 31.5	1
10	0 058 13	25 A	10.3 x 31.5	1
10	0 058 14	32 A	10.3 x 38	1

Single pole + neutral

10	0 058 20	10 A - 230 V~	8.5 x 23	1
10	0 058 21	16 A	10.3 x 25.8	1
10	0 058 22	20 A - 400 V~	8.5 x 31.5	1
10	0 058 23	25 A	10.3 x 31.5	1
10	0 058 24	32 A	10.3 x 38	1

For miniature cylindrical cartridge fuses

Conform to EN 60127-6 and IEC 60127-6
To protect sensitive equipment:
transformers, electronic equipment, etc.

Single pole

Pack	Cat.Nos	Cartridge dimensions (mm)	Voltage	Number of modules
5	0 058 00	5 x 20	250 V~	1

Single pole + neutral

5	0 058 02	5 x 20	250 V~	1

Domestic cartridge fuses

0 102 63

0 103 06

0 113 10

0 117 16

0 124 20

0 126 25

0 134 32

Miniature type 5 x 20

Instant reaction fuse - Ceramic body
Conform to EN/IEC 60127-2
High rupture capacity (A)
For use with dimmers, Viking terminal blocks and emergency lightning units, transformers

Pack	Cat.Nos	Rating (Amps)	Voltage ~ (Volts)	Rupture capacity (Amps)
10	0 102 02	0.2		
10	0 102 05	0.5		
10	0 102 06	0.63		
10	0 102 10	1		
10	0 102 20	2	250	1500
10	0 102 30	3.15		
10	0 102 50	5		
10	0 102 63	6.3		
10	0 102 96[1]	10	250	500

Cylindrical

Pack	Without indicator	With indicator	Rating (Amps)	Voltage ~ (Volts)	Rupture capacity (Amps) Copper	Protected section (mm²)	Color Indication
			6.3 x 23				
10	0 103 06[2]		6	230	6000	1.5	
			8.5 x 23				
10		0 114 06	6	230	6000		
10	0 113 10	0 114 10	10			1.5	
			10.3 x 25.8				
10	0 116 10[2]		10	230	6000		
10	0 116 16[2]	0 117 16[2]	16			2.5	
			8.5 x 31.5				
10	0 123 20	0 124 20	20	400	20000	2.5	
			10.3 x 31.5				
10	0 126 16		16				
10	0 126 20		20	400	20000		
10	0 126 25	0 127 25	25			4	
			10.3 x 38				
10	0 133 32		32	400	20000		
10		0 134 32	32			6	

Neutral links

Pack	Cat.Nos	
10	0 123 00	8 x 32 (previously 8.5 x 31.5)
10	0 133 00	10 x 38

1: Overrating not described by standarts
2: Conform to BS 1361 (1971)

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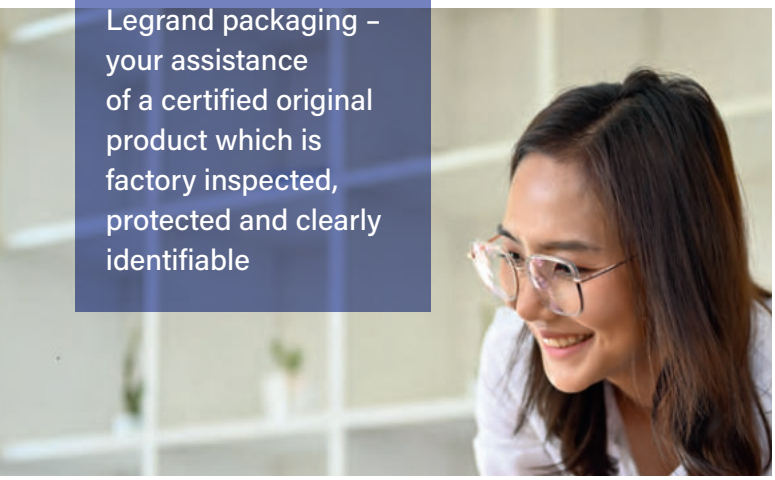
Practical & eco-friendly



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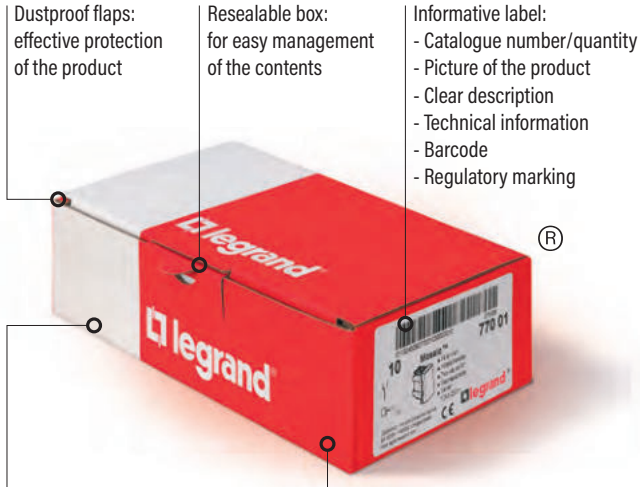

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Isolating fuse carriers

0 058 06

0 058 28

0 058 48

Pack	Cat.Nos	For industrial cylindrical cartridge fuses type aM or gG Conform to standard IEC 60269-2 Isolators conform to IEC 60947-3 Icc: - 20 kA with 8.5 x 31.5 cartridge fuse - 100 kA with 10 x 38 cartridge fuse Fuse not supplied (p. 261)		
		Single pole		
		Cartridge dimensions (mm)	Voltage	Number of modules
10	0 058 06[1]	8.5 x 32	400 V∿	1
10	0 058 08	10 x 38	500 V∿	1
		Single pole + neutral		
10	0 058 16[1]	8.5 x 32	400 V∿	1
10	0 058 18	10 x 38	500 V∿	1
		2-pole		
5	0 058 26[1]	8.5 x 32	400 V∿	2
5	0 058 28	10 x 38	500 V∿	2
		3-pole		
3	0 058 36[1]	8.5 x 32	400 V∿	3
3	0 058 38	10 x 38	500 V∿	3
		3-pole + neutral		
2	0 058 46[1]	8.5 x 32	400 V∿	4
2	0 058 48	10 x 38	500 V∿	4

Pack	Cat.Nos	Accessoires
10	0 057 90	Blow-out indicator 250 V∿
1	0 057 96	Early break N/O + N/C contact auxiliary 5 A - 250 V∿ (0.5 module)
2	4 063 04	Sealable screw cover (4 separable poles)

Blow-out indicator

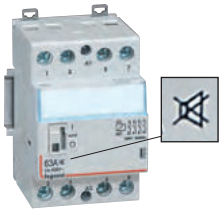
Sealable screw cover

1: Previously 8.5 x 31.5 mm

Power contactors with handle CX³

from 16 A to 63 A

4 125 44


4 125 63

4 125 50

4 125 56

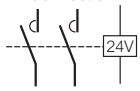
Technical characteristics **p. 95**

Conform to IEC/EN 61095
Space for power supply busbar on top (up to 25 A)

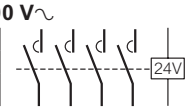
Power contactors with 24 V~ coil and handle

Manual override for test and repair function, carried out via the handle
Permanent "ON" or "OFF" without automatic reset

2-pole - 250 V~

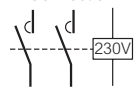
Pack	Cat.Nos	I max	Connection	Type of contact	Number of modules
1	4 125 14	25 A		2 N/O	1
1	4 125 15[1]	40 A		2 N/O	2
1	4 125 16[1]	63 A		2 N/O	2

4-pole - 400 V~

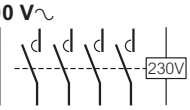
Pack	Cat.Nos	I max	Connection	Type of contact	Number of modules
1	4 125 17	25 A		4 N/O	2
1	4 125 18[1]	40 A		4 N/O	3
1	4 125 19[1]	63 A		4 N/O	3

Low noise power contactors with 230 V~ coil and handle

2-pole - 250 V~

Pack	Cat.Nos	I max	Connection	Type of contact	Number of modules
1	4 125 58	25 A		2 N/O	1
1	4 125 59[1]	40 A		2 N/O	2
1	4 125 60[1]	63 A		2 N/O	2

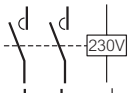
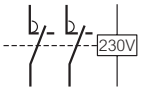
4-pole - 400 V~

Pack	Cat.Nos	I max	Connection	Type of contact	Number of modules
1	4 125 61	25 A		4 N/O	2
1	4 125 62[1]	40 A		4 N/O	3
1	4 125 63[1]	63 A		4 N/O	3

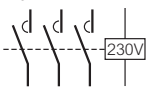
Power contactors with 230 V~ coil and handle

Manual override for test and repair function, carried out via the handle
Permanent "ON" or "OFF" without automatic closing of the contactor

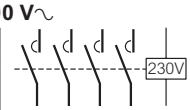
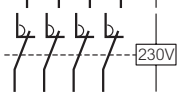
2-pole - 250 V~

Pack	Cat.Nos	I max	Connection	Type of contact	Number of modules
4	4 125 44	25 A		2 N/O	1
1	4 125 45[1]	40 A		2 N/O	2
1	4 125 47[1]	63 A		2 N/O	2
1	4 125 48[1]	63 A		2 N/C	2

3-pole - 400 V~

Pack	Cat.Nos	I max	Connection	Type of contact	Number of modules
1	4 125 49[1]	40 A		3 N/O	3
1	4 125 50[1]	63 A		3 N/O	3

4-pole - 400 V~

Pack	Cat.Nos	I max	Connection	Type of contact	Number of modules
2	4 125 51	25 A		4 N/O	2
1	4 125 53[1]	40 A		4 N/O	3
1	4 125 56[1]	63 A		4 N/O	3
1	4 125 57[1]	63 A		4 N/C	3

1: Handle can be accessed after removing blanking plate

CX³ with Netatmo connected contactor
p. 113

Power contactors without handle CX³

from 16 A to 63 A

4 125 05

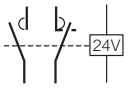
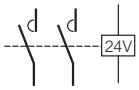
4 125 35

Technical characteristics **p. 95**

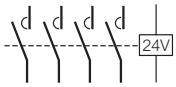
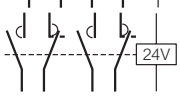
Conform to IEC/EN 61095
Space for power supply busbar on top (up to 25 A)

Power contactors with 24 V~ coil

2-pole - 250 V~

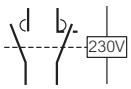
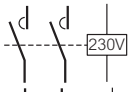
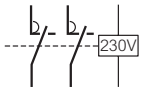
Pack	Cat.Nos	I max	Connection	Type of contact	Number of modules
1	4 125 03	16 A		N/C + N/O	1
1	4 125 05	25 A		2 N/O	1

4-pole - 400 V~

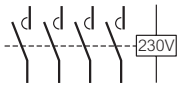
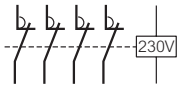
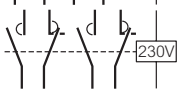
Pack	Cat.Nos	I max	Connection	Type of contact	Number of modules
1	4 125 10	25 A		4 N/O	2
1	4 125 09	25 A		2 N/C + 2 N/O	2

Power contactors with 230 V~ coil

2-pole - 250 V~

Pack	Cat.Nos	I max	Connection	Type of contact	Number of modules
4	4 125 21	16 A		N/C + N/O	1
10	4 125 23	25 A		2 N/O	1
1	4 125 27	63 A		2 N/O	2
1	4 125 24	25 A		2 N/C	1

4-pole - 400 V~

Pack	Cat.Nos	I max	Connection	Type of contact	Number of modules
5	4 125 35	25 A		4 N/O	2
1	4 125 41	63 A		4 N/O	3
1	4 125 36	25 A		4 N/C	2
1	4 125 33	25 A		2 N/C + 2 N/O	2

Auxiliaries for contactors CX³

4 124 29

4 124 31

Signalling auxiliaries for contactors

Auxiliary changeover switch for all CX³ contactors
Used to signal the position status of the contacts on the product to which it is connected

For 1 module contactors 16 A to 25 A

Maximum 2 auxiliary devices per contactor
Fitted on left-hand side of contactor

Pack	Cat.Nos	I max	Voltage	Contact	Number of modules
1	4 124 29	5 A	250 V~	N/C + N/O	0.5

For 2 module contactors 25 A

Maximum 2 auxiliary devices per contactor
Fitted on left-hand side of contactor

Pack	Cat.Nos	I max	Voltage	Contact	Number of modules
1	4 124 30	5 A	250 V~	N/C + N/O	0.5

For 40 and 63 A contactors

Maximum 1 auxiliary device per contactor
Fitted on left-hand side of contactor

Pack	Cat.Nos	I max	Voltage	Contact	Number of modules
1	4 124 31	5 A	250 V~	N/C + N/O	0.5

Technical characteristics

- Rated impulse withstand voltage (Uimp): 4 kV
- Mechanical endurance (no. of operating cycles): 10^6 cycles
- Operating temperatures: - 25 °C to + 40 °C
- Storage temperatures: - 40 °C to + 70 °C

Contactor protection against short circuits according to standard EN 61095, conditional short-circuit current:

- Iq = 6 kA for 16 to 25 A contactors
- Iq = 3 kA for 40 to 63 A contactors

Circuit breaker or gG fuse rated:

- ≤ 16 A for 16 A rating
- ≤ 25 A for 25 A rating
- ≤ 40 A for 40 A rating
- ≤ 63 A for 63 A rating

• Consumption of a contactor control coil

	16 A and 25 A power contactors				
Coil voltage	24 V~		230 V~ low noise	230 V~	
Current	16 A and 25 A	25 A	25 A	16 A and 25 A	16 A and 25 A
Type of contact	NC + NO 2 NO	4 NO	2 NO	NC + NO 2 NO 2 NC	2 NC + 2 NO 4 NO 4 NC
Dimensions	1 mod.	2 mod.	1 mod.	1 mod.	2 mod.
Holding current	200 mA	300 mA	12 mA	20 mA	20 mA
Inrush current	970 mA	2500 mA	60 mA	90 mA	200 mA

	40 A and 63 A power contactors			
Coil voltage	24 V~		230 V~	
Current	40 A and 63 A	40 A and 63 A	40 A and 63 A	40 A and 63 A
Type of contact	2 NO	4 NO	2 NO 2 NC	3 NO 4 NO 4 NC
Dimensions	2 mod.	3 mod.	2 mod.	3 mod.
Holding current	250 mA	270 mA	15 mA	30 mA
Inrush current	1750 mA	1500 mA	150 mA	200 mA

• Recommendations

Insert a spacing module (Cat.No 4 063 07 p. 73):

- every two contactors when the ambient temperature is below 40 °C
- every contactor when the ambient temperature is between 40 and 60 °C

Contactor rating	40 °C	50 °C	60 °C
Ie = 16 A	16 A	14 A	12 A
Ie = 25 A	25 A	22 A	20 A
Ie = 40 A	40 A	36 A	32 A
Ie = 63 A	63 A	57 A	50 A

• Max. connection cross-section in mm²

Conductor type	Ratings ≤ 25 A	Ratings 40 & 63 A
Rigid	6^2 or 2 x 2.5^2	25^2 or 2 x 10^2
Flexible	6^2 or 2 x 2.5^2	25^2 or 2 x 10^2
Flexible with single end cap	6^2	16^2
Flexible with double end cap	2 x 4^2	2 x 16^2

Contactor selection charts (number of lamps per contactor)

• Incandescent lamps

	Tungsten and halogen filaments 230 V~							
Nominal wattage	**40 W**	**60 W**	**75 W**	**100 W**	**150 W**	**200 W**	**500 W**	**1000 W**
16 A	45	30	24	19	13	10	4	2
25 A	60	48	38	30	20	15	6	3
40 A	96	77	61	48	32	24	10	5
63 A	154	123	97	77	51	38	15	8

	ELV halogen bulbs with ferromagnetic ballast						ELV halogen bulbs with electronic ballast					
Nominal wattage	**20 W**	**35 W**	**50 W**	**75 W**	**100 W**	**150 W**	**20 W**	**35 W**	**50 W**	**75 W**	**100 W**	**150 W**
16 A	32	20	15	12	9	6	60	40	28	18	14	9
25 A	52	30	24	16	12	8	80	50	40	26	20	13
40 A	68	39	31	21	16	10	112	70	56	36	28	18
63 A	88	51	41	27	20	14	157	98	78	51	39	25

Contactor selection charts (number of lamps per contactor) (continued)

• LED lamps

Nominal wattage	Non-dimmable LED lamps (without driver)									
	2 W	**5 W**	**7 W**	**9 W**	**12 W**	**18 W**	**22 W**	**30 W**	**40 W**	**50 W**
16 A	16	16	16	16	16	15	14	12	10	9
25 A	30	30	30	30	30	27	25	22	18	15
40 A	90	90	85	85	85	80	75	65	50	37
63 A	150	150	140	140	140	115	100	80	70	55

Nominal wattage	Dimmable LED lamps (equipped with driver)									
	2 W	**5 W**	**7 W**	**9 W**	**12 W**	**18 W**	**22 W**	**30 W**	**40 W**	**50 W**
16 A	40	40	40	35	35	33	30	27	23	20
25 A	65	65	65	60	60	56	51	45	33	30
40 A	170	170	170	162	162	129	113	95	77	65
63 A	265	265	265	260	260	214	176	139	121	105

• Fluorescent tubes with electronic ballast

	Single fluorescent				Double fluorescent		
Nominal wattage	**18 W**	**30 W**	**36 W**	**58 W**	**2 x 18 W**	**2 x 36 W**	**2 x 58 W**
16 A	72	42	36	22	36	20	12
25 A	110	68	58	36	56	30	19
40 A	165	102	87	54	84	45	29
63 A	248	153	131	81	126	68	43

	Triple fluorescent (series compensated)		Quadruple fluorescent (series compensated)	
Nominal wattage	**3 x 14 W**	**3 x 18 W**	**4 x 14 W**	**4 x 18 W**
16 A	34	26	26	20
25 A	46	38	37	28
40 A	62	51	52	39
63 A	84	69	73	55

	Compact fluorescent with built-in electronic power supply				
Nominal wattage	**7 W**	**11 W**	**15 W**	**20 W**	**23 W**
16 A	120	80	64	50	43
25 A	200	125	90	70	60
40 A	280	175	126	98	84
63 A	392	245	176	137	118

• Discharge lamps with compensation

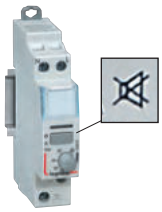
	Metal halogenide						Low pressure sodium vapour					
Nominal wattage	**35 W**	**70 W**	**100 W**	**150 W**	**250 W**	**400 W**	**18 W**	**35 W**	**55 W**	**90 W**	**135 W**	**180 W**
16 A	10	6	5	3	2	1	12	6	5	3	2	2
25 A	15	9	7	5	3	2	20	10	7	5	3	3
40 A	23	14	11	8	5	3	30	15	11	8	5	5
63 A	34	20	16	11	7	5	45	23	16	11	7	7

	High pressure sodium vapour					High pressure mercury vapour				
Nominal wattage	**70 W**	**150 W**	**250 W**	**400 W**	**1000 W**	**50 W**	**80 W**	**125 W**	**250 W**	**400 W**
16 A	8	7	5	3	1	11	8	6	3	2
25 A	10	9	6	4	2	15	10	8	4	3
40 A	15	14	9	6	3	21	14	11	6	4
63 A	23	20	14	9	5	29	20	16	8	6

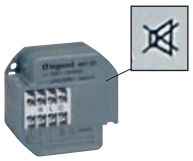
	High pressure mixed			
Nominal wattage	**100 W**	**160 W**	**250 W**	**400 W**
16 A	9	6	4	2
25 A	11	7	5	3
40 A	14	9	7	4
63 A	19	12	8	5

Fluorescent lamps with ferromagnetic ballast, **please consult us**

Pulse operated latching relays CX³


4 124 01

4 124 12


0 491 20

4 124 29

4 124 36

Noiseless pulse operated latching relay

Conform to standard EN 60669-2-2

Single pole - 16 A - 250 V~

Pack	Cat.Nos	Control voltage	Type of contact	Connection	Number of modules
1	4 124 00	230 V	1 N/O		1

Delayed noiseless pulse operated latching relay

Switch-off, pre-warning function
Conform to standard EN 60669-2-2
Does not accept auxiliary contact nor centralised control

Single pole - 16 A - 250 V~

Pack	Cat.Nos	Control voltage	Type of contact	Connection	Number of modules
1	4 124 01	230 V	1 N/O		1

Standard pulse operated latching relays

Conform to standard EN 60669-2-2
Maximum 2 auxiliary devices per latching relay

Single pole - 16 A - 250 V~

Pack	Cat.Nos	Control voltage	Type of contact	Connection	Number of modules
1	4 124 04	12 V	1 N/O		1
1	4 124 05	24 V	1 N/O		1
10	4 124 08	230 V	1 N/O		1

2-pole - 16 A - 250 V~

1	4 124 10	24 V	2 N/O		1
1	4 124 11	48 V	2 N/O		1
10	4 124 12	230 V	2 N/O		1

4-pole - 16 A - 250 V~

Can be used for 3-pole assembly

1	4 124 14	24 V	4 N/O		2
1	4 124 16	230 V	4 N/O		2

Surface mounting pulse operated latching relays

10 A - 230 V~ - 50/60 Hz
Suitable for new installations or retrofitting of existing ones
Compatible with electronic ballasts and fluocompact lamps
Mounting on plate or in flush-mounting boxes Ø67 mm
Equipped with automatic terminals for flexible or rigid wires (max. 2.5 mm)
Power : min. 7 W / max. 2300 W
IP 20 - IK 04
Dimensions: 49 x 46 x 26 mm
Maximum current when used with illuminated push-buttons : 50 mA

Noiseless

Pack	Cat.Nos	
10	0 491 20	Single pole
10	0 491 21	Single pole with timer Enables energy savings by switching off lighting after a specified period Time delay adjustment from 1 to 60 min. Switch-off pre-warning function (can be disabled)

Signalling auxiliary

Fitted on left-hand side of latching relay (equipped or not with control auxiliary)
Maximum 2 auxiliaries per latching relay
Used to signal the status of the contacts on the associated product

Auxiliary changeover switch

Pack	Cat.Nos	I max.	Voltage	Contact	Number of modules
1	4 124 29	5 A	250 V~	N/C + N/O	0.5

Control auxiliaries

Fitted on left-hand side of latching relay
Maximum 1 control auxiliary per latching relay
Compatible with signalling auxiliary Cat.No 4 124 29

Auxiliary device for centralized control

For a centralized control of different latching relays from one single point

Pack	Cat.Nos		Number of modules
1	4 124 33	For latching relays 24 V~ to 48 V~	0.5
1	4 124 34	For latching relays 230 V~	0.5

Auxiliary device for general centralized control

Pack	Cat.Nos		Number of modules
1	4 124 36	For simultanous control of different groups of latching relays, already fitted with auxiliary device for centralised control 230 V~ Cat.No 4 124 34	1

Auxiliary device for maintained contact

Pack	Cat.Nos		Number of modules
1	4 124 37	Allows the control of a latching relay via one maintained contact (i.e. time switches)	0.5

Compensator module

Used to control 230 V~ - 50 Hz pulse operated latching relays via illuminated push-buttons without malfunctions
Connects to the terminals of the pulse operated latching relay coil
Compensation:
- 1 compensator module for a total consumption of 3 to 6 mA (example: 6 to 11 illuminated push-buttons consuming 0.55 mA each)
- 2 compensators modules for a total consumption of 6 to 9 mA (example: 12 to 17 illuminated push-buttons with consuming 0.5 mA each)

Pack	Cat.Nos		Number of modules
1	4 124 39	Impedance compensator for 230 V~ pulse operated latching relays	1

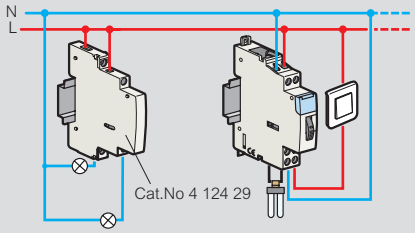
CX³ with Netatmo connected latching relay
p. 113

Pulse operated latching relays CX³

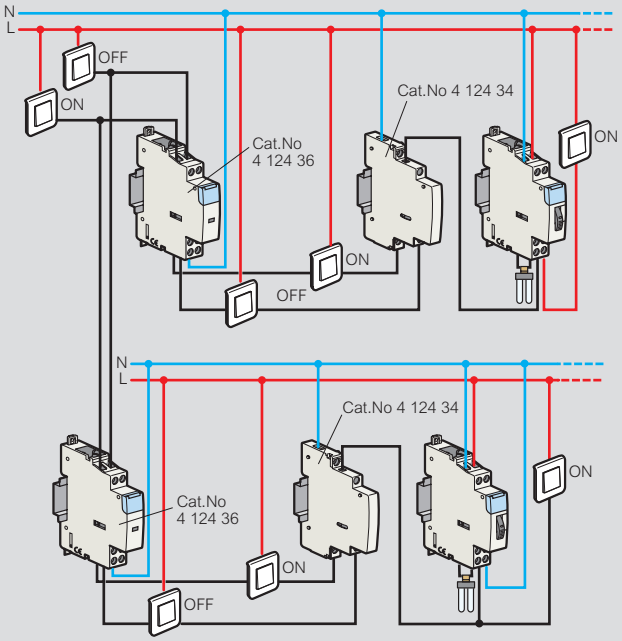
technical characteristics

Wiring diagrams

Signalling with auxiliary Cat.No 4 124 29

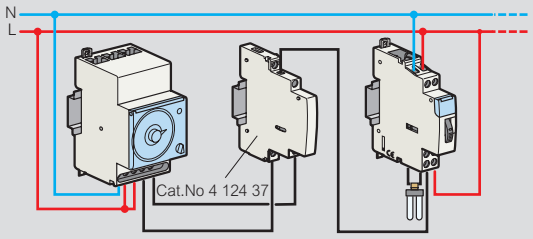


Centralized control at one point using auxiliary devices Cat.Nos 4 124 34 and 4 124 36



Use only non illuminated push-buttons

Control via maintained contact using auxiliary device Cat.No 4 124 37 and time switch



Technical characteristics

Power consumption

Cat.Nos	4 124 00 4 124 01	4 124 04	4 124 05 4 124 10	4 124 14	4 124 11	4 124 08 4 124 12	4 124 16
Control voltage	230 V~	12 V~	24 V~	24 V~	48 V~	230 V~	230 V~
Nominal current	16 A	16 A	16 A	16 A	16 A	16 A	16 A
Connection	1 N/O	1 N/O	1 N/O 2 N/O	4 N/O	2 N/O	1 N/O 2 N/O	4 N/O
Number of modules	1	1	1	1	1	1	2
Holding	-	670 mA	280 mA	570 mA	170 mA	30 mA	50 mA
Inrush	-	2500 mA	1200 mA	2500 mA	700 mA	130 mA	250 mA

Connection cross section mm²

Type of conductors	Cross section
Rigid	1 x 6 mm² or 2 x 2.5 mm²
Flexible	1 x 6 mm² or 2 x 2.5 mm²
Flexible with single ferrule	6 mm²
Flexible with double ferrule	2 x 4 mm²

CX³ changeover switches, push-buttons and control switches

4 129 00

4 129 01

4 129 04

4 129 08

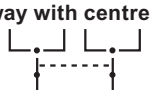
4 129 16

4 129 12

Technical characteristics **p. 99**

Changeover switches

Conform to IEC 60669-1
Nominal rating 32 A
Compatible with fluorescent lamps (20 AX)

Pack	Cat.Nos		Connection	Number of modules
		Two-way - 250 V~		
10	4 129 00			1
		Double two-way - 400 V~		
5	4 129 01			2
		Two way with centre point - 250 V~		
10	4 129 02			1
		Double two way with centre point - 250 V~		
5	4 129 03			2
		Switch NO + NC - 250 V~		
10	4 129 04			1

Momentary contact push-buttons

Conform to IEC 60669-1
Nominal rating 20 A - 250 V~
Compatible with fluorescent lamps (20 AX)
Accept prong-type supply busbars

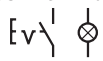
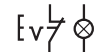
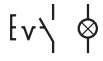
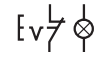
Single function push-buttons

Pack	Cat.Nos		Connection	Number of modules
10	4 129 08	1 NO		1
10	4 129 09	1 NC		1
		Dual functions push-buttons without indicator		
10	4 129 16	1 NO (green push-button) + 1 NC (red push-button)		1
		Dual functions push-buttons with indicator		
10	4 129 18	1 NO + green LED indicator 12/48 V~/⎓		1
10	4 129 19	1 NC + red LED indicator 12/48 V~/⎓		1
10	4 129 20	1 NO + green LED indicator 100/400 V~		1
10	4 129 40	1 NC + red LED indicator 100/400 V~		1

Maintained contact control switches

Conform to IEC 60669-1
Nominal rating 20 A - 250 V~
Compatible with fluorescent lamps (20 AX)
Maximum power with self-ballasted lamps (SBL): 250 W
Accept prong-type supply busbars

Single function control switches

Pack	Cat.Nos		Connection	Number of modules
10	4 129 10	2 NO		1
10	4 129 11	1 NO + NC		1
		Dual functions control switches with indicator		
10	4 129 12	1 NO + green LED indicator 12/48 V~/⎓		1
10	4 129 13	1 NC + red LED indicator 12/48 V~/⎓		1
10	4 129 14	1 NO + green LED indicator 110/400 V~		1
10	4 129 15	1 NC + red LED indicator 110/400 V~		1

CX³ and TX³ LED indicators

4 129 21

4 129 31

4 129 34

6 040 77

Pack	Cat.Nos	CX³ LED indicators	Connection	Number of modules
		Equipped with non replaceable LED lamps LED life: 100 000 h LED consumption: 0.17 W under 230 V~/ 0.11 W under 24 V~ Conform to IEC 60947-5-1 Accept prong-type supply busbars		
		Single - 12/48 V~/⎓		
10	4 129 21	Green		1
10	4 129 22	Red		1
10	4 129 23	Yellow		1
10	4 129 24	Blue		1
10	4 129 25	White		1
		Single - 110/400 V~		
10	4 129 26	Green		1
10	4 129 27	Red		1
10	4 129 28	Yellow		1
10	4 129 29	Blue		1
10	4 129 30	White		1
		Double - 12/48 V~		
10	4 129 41	Green/Red		1
		Double - 110/400 V~		
10	4 129 31	Green/Red		1
		Triple - 230/400 V~		
10	4 129 32	White		1
10	4 129 33	Red		1
10	4 129 34	Red/Yellow/Green		1
10	4 129 35	Red/Yellow/Blue		1
		TX³ LED indicators - 230 V~		
		Equipped with non replaceable LED lamps		
		Single		
12	6 040 77	Green		1
12	6 040 78	Red		1
12	6 040 79	Orange		1

CX³ changeover and control switches, push-buttons, and LED indicators - technical characteristics

Technical characteristics

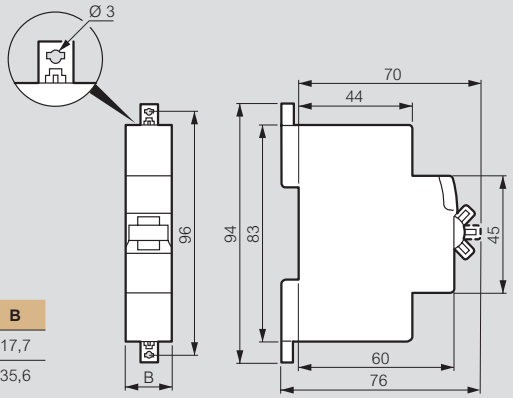
Changeover switches
Power dissipation per pole : 1.5 W
Overvoltage category : 4 kV~
Dielectric withstand : 2 kV~
Degree of pollution : 2

Push-buttons and control switches
Electrical endurance : 30 000 cycles AC12
(cos φ= 0,9) IEC 60947-5-1
Electrical endurance under fluorescent loads : 30 000 cycles according to IEC 60669-1

LED indicators
Equipped with non replaceable LED lamps
LED life : 100 000 h.
LED consumption :
- 0.17 W under 230 V~
- 0.11 W under 24 V~

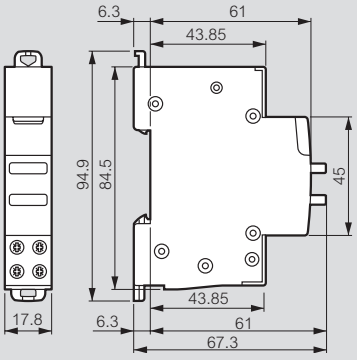
Dimensions

Changeover switches

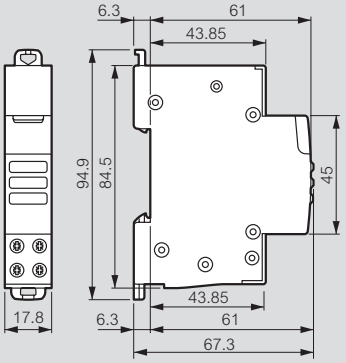


Cat.Nos	B
4 129 00/02/04	17,7
4 129 01/03	35,6

Push-buttons and control switches



LED indicators



Programmable time switches

with digital display

0 037 10

4 126 31

4 127 21

4 127 22

4 126 30

4 127 25

Legrand Time Switch

Technical characteristics **p. 101**

For switching an electric circuit (lighting, heating) ON or OFF at selected times during a pre-programmed time period
Temporary (automatic return) or permanent (forced switching ON or OFF) override on output, automatic GMT/BST changeover

Weekly time switch

Time-saving programming by selection of daily blocks, daily blocks individually adjustable or selection from preset blocks Mo-Fr and Mo-Su
Permanent ON or OFF
Circuit anticipation
Power reserve 3 years for date, time and switching program; Accuracy +/- 1 sec./Day

Pack	Cat.Nos		Number of modules
		Power supply 230 V∿ - 50/60 Hz	
1	0 037 10	1 NO contact 250 V/50 Hz 16 A - µ cos φ = 1 28 programmes Shortest switching-time 1 min	1

Multiple functions - daily or weekly programme - 5 years clock working reserve

Programme settings: on daily or weekly basis
15 languages; A programme consists of a on and off time and their assignement to certain days
Option to suspend the programme for a specific period to set-up with start and date
Minimum programme setting: 1 s.
High precision clock: ± 0.1 sec per day
Particularly suited to irregular cycles:
- security installations (access point, alarms, etc.),
- industrial installations (pump stations, etc.)

Additional functions including random (irregular cycles), hour counters, PIN code protection

Pack	Cat.Nos		Number of modules
		Power supply 230 V∿ - 50/60 Hz Programmed directly on keypad, or using program transfer key Cat.No 4 128 72 and USB adapter Cat.No 4 128 73 or Bluetooth adapter Cat.No 4 127 20	
1	4 126 31	1 output 16 A - 250 V∿ 56 programmes µ cos φ = 1 per 1 changeover contact	2
1	4 126 41	2 output 16 A - 250 V∿ 2 x 28 programmes µ cos φ = 1 per 2 changeover contacts	2
1	4 126 54	1 output 16 A - 250 V∿ Astronomical function 56 programmes µ cos φ = 1 per 1 changeover contact	2
1	4 126 57	2 outputs 16 A - 250 V∿ Astronomical function 2 x 28 programmes µ cos φ = 1 per 2 changeover contacts	2
		Power supply 120 V∿ - 50/60 Hz Programmed directly on keypad, or using program transfer key Cat.No 4 128 72 and USB adapter Cat.No 4 128 73 or Bluetooth adapter Cat.No 4 127 20	
1	4 126 32	1 output 16 A - 120 V∿ 56 programmes µ cos φ = 1 per 1 changeover contact	2
		Power supply 24 V∿ - 50/60 Hz and ⎓ Programmed directly on keypad, or using program transfer key Cat.No 4 128 72 and USB adapter Cat.No 4 128 73 or Bluetooth adapter Cat.No 4 127 20	
1	4 126 33	1 output 16 A - 24 V∿ 56 programmes µ cos φ = 1 per 1 changeover contact	2

Multiple functions - daily or weekly programme - 5 years clock working reserve (continued)

Pack	Cat.Nos		Number of modules
		Power supply 230 V∿ - 50/60 Hz directly programmable over Bluetooth Programmed directly on keypad, or via a smartphone and Legrand Time Switch app (available for free on App Store and Google Play)	
1	4 127 21	1 output 16 A - 250 V∿ 56 programmes µ cos φ = 1 per 1 changeover contact	2
1	4 127 22	2 outputs 16 A - 250 V∿ 2 x 28 programmes µ cos φ = 1 per 2 changeover contacts	2
1	4 127 23	1 output 16 A - 250 V∿ Astronomical function (longitude, latitude and time zone) 56 programmes µ cos φ = 1 per 1 changeover contact	2
1	4 127 24	2 outputs 16 A - 250 V∿ Astronomical function (longitude, latitude and time zone) 2 x 28 programmes µ cos φ = 1 per 2 changeover contacts	2

2 outputs multiple functions annual programme - 5 years clock working reserve

Programme settings: on daily, weekly or yearly basis
15 languages
A programme consists of a on and off time and their assignement to certain days
Option to suspend the programme for a specific period to set-up with start and date
Minimum programme setting: 1 s.
High precision clock: ± 0.1 sec per day

Pack	Cat.Nos		Number of modules
		Power supply 230 V∿ - 50/60 Hz Programmed directly on keypad, or using program transfer key Cat.No 4 128 72 and USB or Bluetooth adapters Cat.Nos 4 128 73 or 4 127 20	
1	4 126 30	2 outputs - 230 V∿ - 50/60 Hz Astronomical function 2 x 3 x 28 = 168 programmes	2
		Power supply 230 V∿ - 50/60 Hz directly programmable over Bluetooth Programmed directly on keypad, or via a smartphone and Legrand Time Switch app (available for free on App Store and Google Play)	
1	4 127 25	1 output 16 A - 250 V∿ 56 programmes µ cos φ = 1 per 1 changeover contact	2
1	4 127 26	2 outputs 16 A - 250 V∿ 2 x 28 programmes µ cos φ = 1 per 2 changeover contacts	2

Legrand Time Switch App. available on **Google Play et App Store**

Red catalogue numbers: New products

Programing accessories

for programmable time switches with digital display

4 128 73

4 128 72

4 127 20

Legrand Time Switch

Pack	Cat.Nos	
		USB adapter kit
1	4 128 73	Can be used to create, save and transfer program settings for multifunction and multi-program time switches, Cat.Nos 4 126 30, 4 126 31/32/33/41/54/57 Data is transferred to the program transfer key Cat.No 4 128 72, using the USB adapter connected to PC Kit comprising AlphaSoft software on CD-ROM, USB adapter and transfer key Cat.No 4 128 72 Windows XP, Windows Vista, Windows 7, Windows 8 and Windows 10 compatible
		Programming transfer key
10	4 128 72	Can be used to store programme settings made: - Directly on a multifunction and multi-programme time switch Cat.Nos 4 126 30/31/32/33/41/54/57 (loading on device) - With the AlphaSoft programming software installed on a PC running Windows (loading on data loader) and the USB adapter Cat.No 4 128 73
		Bluetooth adapter
1	4 127 20	Can be used to create, save and transfer program settings for multifunction and multi-program time switches, Cat.Nos.4 126 30/31/32/33/41/54/57 Data is transferred to the program transfer key Cat.No 4 128 72, using the Bluetooth adapter and a smartphone with Legrand Time Switch App. installed Equipped with LED status display: Bluetooth active / Connected / Data Transfer Battery-operated (CR 2032 battery supplied)

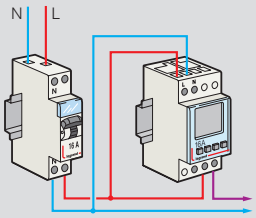
Legrand Time Switch App. available on **Google Play et App Store**

Programmable time switches

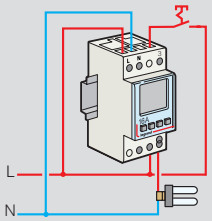
with digital display - technical characteristics

Wiring diagrams

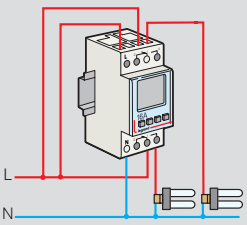
Cat.Nos 4 126 31/32/33



Cat.No 4 126 54



Cat.No 4 126 57



Output closing and breaking times are calculated based on the date, the actual time when the device was switched and on geographical coordinates of the actual location

Technical characteristics

Cat.Nos	Prog. time	Min. programme settings	Working reserve	Summer/ winter time	Outputs 16 A	Nb of prog.	Nb of modules
0 037 10	7 d	1 min	5 years	auto	1	28	1
4 126 30	1 year	1 s	5 years	auto	2	2 x 3 x 28	2
4 126 31	24 h/7 d	1 s	5 years	auto	1	56	2
4 126 32	24 h/7 d	1 s	5 years	auto	1	56	2
4 126 33	24 h/7 d	1 s	5 years	auto	1	56	2
4 126 41	24 h/7 d	1 s	5 years	auto	2	2 x 28	2
4 126 54	24 h/7 d	1 s	5 years	auto	1	56	2
4 126 57	24 h/7 d	1 s	5 years	auto	2	2 x 28	2
4 127 21	24 h/7 d	1 s	5 years	auto	1	56	2
4 127 22	24 h/7 d	1 s	5 years	auto	2	2 x 28	2
4 127 23	24 h/7 d	1 s	5 years	auto	1	56	2
4 127 24	24 h/7 d	1 s	5 years	auto	2	2 x 28	2
4 127 25	1 year	1 s	5 years	auto	1	56	2
4 127 26	1 year	1 s	5 years	auto	2	2 x 28	2

Red catalogue numbers: New products

Programmable time switches without display

4 127 31

4 127 32

4 127 33

For switching an electric circuit (lighting, heating) ON or OFF at selected times during a pre-programmed time period
Temporary (automatic return) or permanent (forced switching ON or OFF) override on output, automatic GMT/BST changeover
Programmed over Bluetooth via Legrand Time Switch App.
Power supply: 230 V~ - 50/60 Hz
Manual changeover to summer/winter time
1 changeover switch 16 A - 250 V~ - μ cos φ = 1

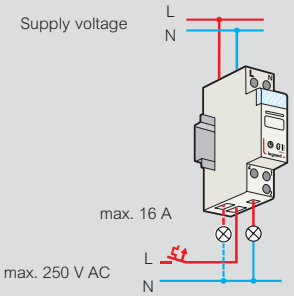
Pack	Cat.Nos	**Programmable time switch without screen directly programmable over Bluetooth**	Number of modules
		Minimum switching time: 1 min 5 years clock working reserve The button on the front of the product can be assigned to a didicated function via the Legrand Time Switch App. 5 possible functions: always ON, always OFF, Extra, 1 h test, button decativated Pressing the button once triggers the asigned function Pressing again will interrupt it High precision click ± 0.1 s per day Can be programmed directly on smartphone via Legrand Time Switch App. (available for free on App Store and Google Play) 15 languages A programme consists of a on and off time and their assignement to certain days Option to suspend the programme for a specific period to set-up with start and date	
		Daily or weekly programme Programme settings: on daily or weekly basis Particularly suited to irregular sycles: security installations (access point, alarms, etc.), industrial installations (pump stations, etc.) Additional functions including random (irregular cycles), hour counters, PIN code protection	
1	4 127 31	28 programmes	1
1	4 127 32	Astronomical function 28 programmes	1
		Annual programme Programme settings: on daily, weekly or yearly basis	
1	4 127 33	Astronomical function 3 x 28 programmes	1

Legrand Time Switch App. available on **Google Play et App Store**

Programmable time switches without display - technical characteristics

Wiring diagrams

Cat.Nos 4 127 31/32/33



Technical characteristics

Cat.Nos	Prog. time	Min. programme settings	Working reserve	Summer/ winter time	Outputs 16 A	Nb of prog.	Nb of modules
4 127 31	24 h/7 d	1 min	5 years	auto	1	28	1
4 127 32	24 h/7 d	1 min	5 years	auto	1	28	1
4 127 33	24 h/7 d + 1 year	1 min	5 years	auto	1	3 x 28	1

Red catalogue numbers: New products

Programmable time switches

with analogue dial

4 127 90

4 127 95

Programmed via captive segment
Power supply: 230 V∿ - 50/60 Hz
3-position override switch "ON-AUTO-OFF" on front panel
Manual changeover to summer/winter time
1 outlet 16 A - 250 V∿ - μ cos φ = 1

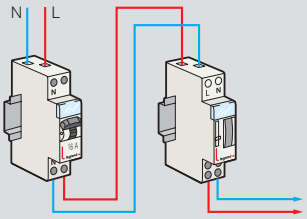
Pack	Cat.Nos	Daily programme	Number of modules
		1 segment = 15 minutes Accuracy: ± 5 minutes	
		Vertical dial Minimum switching time: 15 minutes N/O contact	
1	4 127 80	Without working reserve	1
1	4 127 90	With 100 h working reserve	1
		Horizontal dial Minimum switching time: 15 minutes Changeover switch	
1	4 128 12	Without working reserve	3
1	4 128 13	With 100 h working reserve	3
		Weekly programme	
		1 segment = 2 hours Accuracy: ± 30 minutes	
		Vertical dial Minimum switching time: 2 hours N/O contact	
1	4 127 94	With 100 h working reserve	1
		Horizontal dial Minimum switching time: 4 hours Changeover switch	
1	4 127 95	With 100 h working reserve	3

Programmable time switches

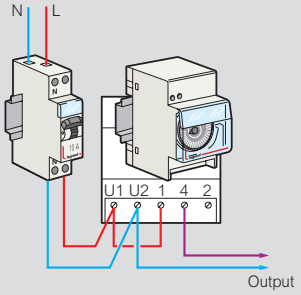
with analogue dial - technical characteristics

Diagrams

Cat.Nos 4 127 80/90/94



Cat.Nos 4 128 12/13, 4 127 95



Technical characteristics

Cat.Nos	Programme	Segment	Min. switching time	Working reserve	16 A output via contact		Nb of modules
					N/O	Chang. S.	
4 128 12	24 h	15 min	30 min	without	-	1	3
4 128 13	24 h	15 min	30 min	100 h	-	1	3
4 127 80	24 h	15 min	15 min	without	1	-	1
4 127 90	24 h	15 min	15 min	100 h	1	-	1
4 127 94	7 d	2 h	2 h	100 h	1	-	1
4 127 95	7 d	2 h	4 h	100 h	-	1	3

Analogue time switches

6 499 14

0 499 26

6 998 11

Dimensions **p. 105**

Power supply 230 V∿
Override switching "ON" or "OFF" in front face
1 output via changeover contact
(2 changeover contacts for Cat.No 0 499 26)

Pack	Cat.Nos	
		Daily programme
1	6 499 14	**20 A - 250 V∿ - μ cos φ = 1** Shortest switching time: 30 minutes (1 segment = 10 minutes) Switching accuracy: + 5 minutes
		Weekly programme
1	0 497 56	**16 A - 250 V∿ - μ cos φ = 1** Shortest switching time: 3 hours (1 segment = 1 hour) Switching accuracy: + 20 minutes Working reserve: 500 h with quartz controlled motor
1	0 044 09	Adaptor for fixing time switch on rail EN 50022 ⎓
		Defrosting time switch
1	0 499 26	Time switch for short periods for control of defrosting, regularly repeated switching of pumps, feed conveyors, sprinkler systems, periodic lubrication of machines 16 A - 250 V∿ - μ cos φ = 1 IP 30 Daily programme The timer can repeat one or two settable short programmes within 24 hours Shortest switching sequence 2.5 hours - up to 9 times 1 switching step = 1 segment = 30 min. 50 Hz Defrosting time from 1 to 60 minutes per contact
		OmniRex - Plug-in time switches
1	6 998 11	Manuel switch ON - Auto With 2P+⏚ plug and 10/16 A socket base and 16 A socket With child protection Override/manual switch Mains hold accuracy Synchronous motor, 230 V, 50 Hz 1 contact NO 250 V/50 Hz, 16 A∿ - μ cos φ = 1 **OmniRex T - 24-hour programme** German standard - With child protection Switching step 15 min Mini switching time 15 min Switching accuracy ± 5 min
1	6 998 12	**OmniRex W - 7-day programme** German standard - With child protection Switching step 2 hours Mini switching time 2 hours Switching accuracy ± 30 min

MicroRex Plus 2 - programmable time switches - with digital display

6 037 70

6 037 71

Technical characteristics **p. 105**

Conform to EN 60730-1 and EN 60730-2-7

Digital daily weekly DIN rail mounting time switches
A programme consists of a ON and OFF time and their assignment to certain days of the week (or a combination of days) and a selected channel (for the 2-channel version).

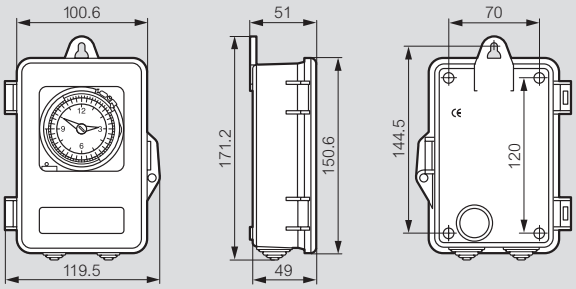
Additional features:
- manual override (permanent ON or OFF)
- automatic override (ON/OFF): actual program will be inversed (ON->OFF, OFF->ON) till next programmed ON time
- working reserve : 3 years
- replaceable battery

Pack	Cat.Nos			
		MicroRex D21 Plus		
		1 channel 230 V∿, 50/60 Hz 1 output 16 A - 250 V∿ 28 programmes μ cos φ = 1 per 1 inverter contact Power consumption: 0.9 W		
			Language	Number of modules
1	6 037 70		English	2
1	6 037 78		French	2
1	6 037 72		Spanish	2
		MicroRex D22 Plus		
		2 channels 230 V∿, 50/60 Hz 2 outputs 16 A - 250 V∿ 14 programmes per channel μ cos φ = 1 per 2 inverter contacts Power consumption: 1.3 W		
			Language	Number of modules
1	6 037 71		English	2
1	6 037 79		French	2
1	6 037 73		Spanish	2

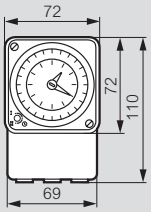
Analogue time switches
technical characteristics

Dimensions

Cat.No 6 499 14



Cat.No 0 497 56



Technical characteristics

Analogue time switches 20 A

Conform to EN 50022, EN 55014-1, EN 55014-2, IEC 60730-1, IEC 60730-2-7, VDE 0631-1 and VDE 0631-2-7

For special applications with heavy loads like controlling:
- the lighting of commercial boards / sign boards
- water heaters
- air conditioners
- hydrochlorinators
- heating / ventilation systems
- street lighting
- blowers
- pool heaters
- electric fences
- filters, pumps and conveyers

MicroRex Plus 2 - programmable time switches - with digital display

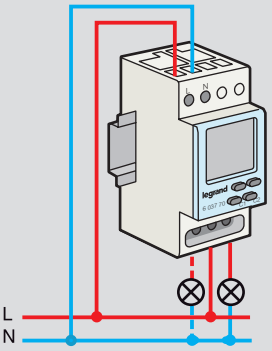
Type	MicroRex D21 plus 2	MicroRex D22 plus 2
No. of modules (17,5 mm)	2	2
Channels	1	2
Working reserve	3 years	
Switching step	1 min	
Minimum programme setting	1 min	
Accuracy	+/- 1 sec/day	
Output • Resistive 230 V~ cos φ = 1 • Incandescent lamps 230 V~ • Inductive 230 V~ cos φ = 0.6	16 A~ 5 A~ 10 A~	
Contacts	1 changeover	2 changeover
No. of programmes	28	14/channel
Operating temperature	-10 … +55 °C	
Protection	IP20	

Example:

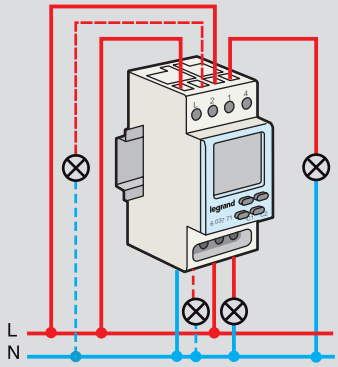
1. prog.: ON 07:00h	OFF 08:15h	Mo-Fr	CH1
2. prog.: ON 16:00h	OFF 20:15h	Mo-SU	CH2
3. prog.: ON 10:00h	OFF 15:15h	Fr	CH1+2

Wiring diagram

MicroRex D21 Plus 2



MicroRex D22 Plus 2



Electronic time-lag switches

4 126 02

Space for supply busbar

0 047 04

Designed for supply busbar compatibility
Power supply: 230 V∿ - 50/60 Hz
Switches a lighting circuit for a specific time
Self-protection in the event of blocked pushbutton

Pack	Cat.Nos	Time-lag switch	Number of modules
10	4 126 02	Resettable 230 V∿ - 50/60 Hz Timing adjustable from 0.5 sec to 10 min Manual override contact Output 16 A - 250 V∿ - μ cos φ = 1 2000 W incandescent/halogen 2000 W halogen - 230 V∿ 1000 VA fluo - series compensated 120 VA fluo - parallel compensated 14 μF 100 VA compact fluorescent 1000 W energy saving lamp automatic 3-wire or 4-wire connection	1

Pack	Cat.Nos	Multi-function time-lag switch	Number of modules
10	0 047 04	Resettable 230 V∿ - 50/60 Hz Timing adjustable from 0.5 sec to 12 min Operation with 3 or 4 wires a utomatically recognised by the time-lag switch - Inputs for separate control 8-230 V (presence detection, lighting control by door entry system etc.) - Switch-off pre-warning function, - Long duration function (1 hour) and manual switch-off Output 16 A - 250 V∿ - μ cos φ = 1 3680 W incandescent/halogen 2000 W halogen 230 V∿ 1000 VA fluo - parallel compensated ≤ 100 μF 2000 VA compact fluorescent 500 W halogen lamp + ferromagnetic transformer 2000 W halogen lamp + electronic transformer - Specially suited to energy saving lamps 1000 W	1

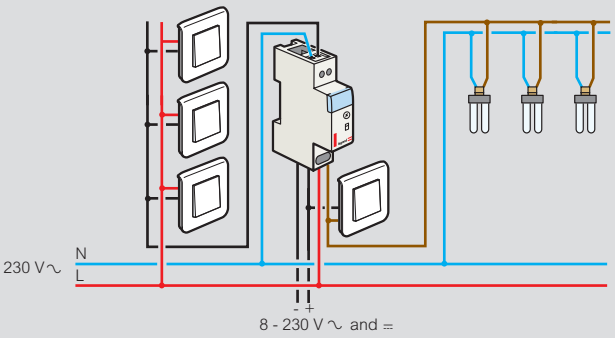
Pack	Cat.Nos	Automatic staircase time-lag switch for wall mounting 230 V - 50 Hz	Type of delay adjustable	Type
1	0 497 83	Switches a lighting circuit during a determined period Controlled by illuminated push-button 50 mA max 3 wire connection Output : 1 contact Contact rating 10 A - 250 V∿ - cos φ = 1	Electronic 0.5 to 10 min.	Resettable

Electronic time-lag switches

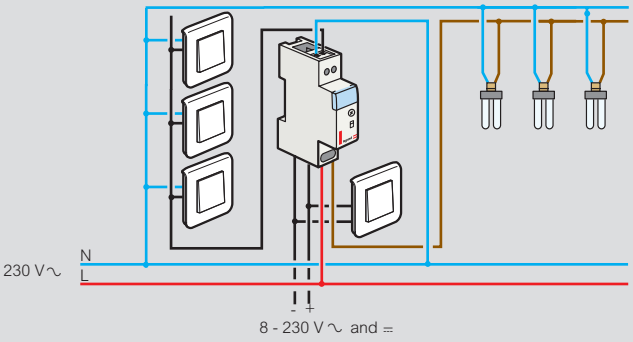
wiring diagrams

Multi-function time-lag switch

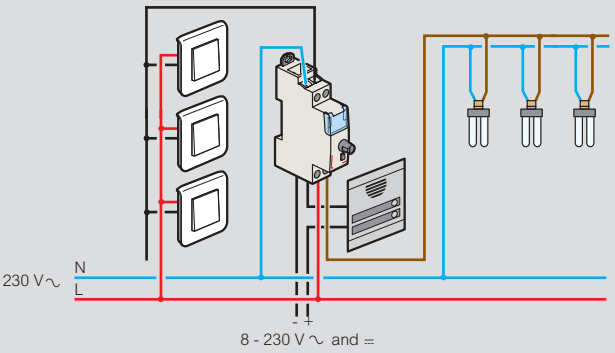
4-wire



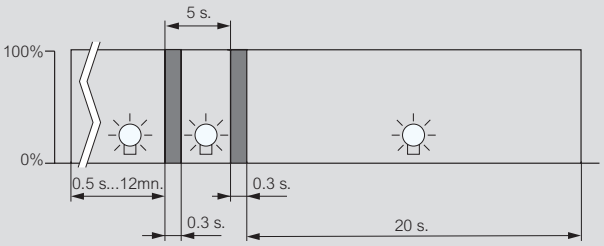
3-wire



Multi-function time-lag switch: lighting control by door entry system



Switch-off pre-warning function



For fluorescent and energy saving lamps the switch-off period is longer than 0.3 s, because of re-starting time required by the lamps

Light sensitive switches

4 126 23

4 126 26

4 128 60

Can be used to switch a lighting circuit "ON" and "OFF" based on light conditions (nightfall, daybreak)
Supplied with IP 65 weatherproof photoelectric cell
Power supply: 230 V~ - 50/60 Hz

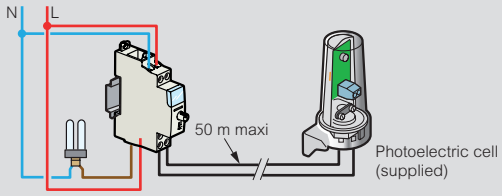
Pack	Cat.Nos	
		Standard
1	4 126 23	Output 16 A - 250 V~ - μ cos φ = 1 2000 W incandescent 2000 W series compensated fluorescent 1000 W parallel compensated fluorescent 70 μF 1000 W energy-saving bulb 2000 W halogen bulb + ferromagnetic transformer 2000 W halogen bulb + electronic transformer Automatic timer response Adjustable from 1 to 100 000 lux Number of modules: 1 Supplied with IP 65 photoelectric cell Cat.No 4 128 60
		Programmable
1	4 126 26	56 programmes possible : daily, weekly or yearly programmes Output 16 A - 250 V~ - μ cos φ = 1 2000 W incandescent 2000 VA series compensated fluorescent 1000 W energy-saving bulb Integrated hour counter High precision clock : ± 0.1 sec per day at 25°C Working reserve : 5 years Adjustable from 3 to 100 000 lux Automatic changeover between summer/winter time Number of modules: 2 Programmed directly on keypad, or using programme transfer key Cat.No 4 128 72 (p. 101) Supplied with IP 65 photoelectric cell Cat.No 4 128 60
		Replacement IP 65 photoelectric cell
1	4 128 60	IP 65 - IK 07 For use with standard or programmable light sensitive switches Cat.Nos 4 126 23/26

Light sensitive switches

technical characteristics

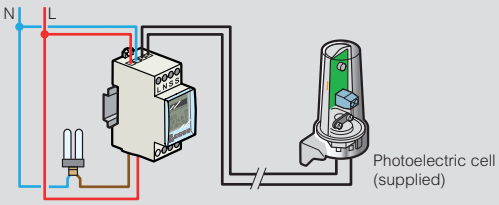
Standard light sensitive switch

Cat.No 4 126 23 with photoelectric cell Cat.No 4 128 60
Switch "ON" and "OFF" defined by a light level threshold



Programmable light sensitive switch

Cat.No 4 126 26 with photoelectric cell Cat.No 4 128 60
56 programmes possible (daily, weekly programmes)
Controls lighting according to the time and light level
Minimum switching interval: 1 minute
Working reserve: 5 years
Manual switch: override/programme/stop
Automatic changeover between summer/winter time
Temporary override with automatic return to programme



Lighting management remote control dimmers

0 036 58

0 036 60

0 036 59

0 026 71

Pack	Cat.Nos	Remote control dimmers 100 - 240 V~ - 50/60 Hz	Number of modules
		⎓ rail mounting The last lighting level is stored into memory, in case of power cut or switch-off Direct or remote control (switching and dimming) with non-illuminated push-buttons	
		For fluorescent lamps with 1-10 V dimmable ballast Suitable for fluorescent tubes and compact fluorescent lamps with separated dimmable ballast	
1	0 036 58	Ballast power: maximum 800 VA (for 230 V~ 50/60 Hz) Control current: 50 mA	2
1	0 036 60	Ballast power: maximum 1000 VA (for 230 V~ 50/60 Hz) Control current: 50 mA Equipped with illuminated scale indicating the light level of controlled lamps	4
		For incandescent and halogen lamps	
1	0 036 59	Suitable for incandescent and halogen lamps 230 V~, ELV halogen lamps with ferromagnetic transformers Load: 60 to 600 W (for 230 V~ 50/60 Hz)	2
1	0 036 71	Suitable for incandescent and halogen lamps 230 V~, ELV halogen lamps with ferromagnetic or electronic transformers Load: 1000 W (for 230 V~ 50/60 Hz) Equipped with illuminated scale indicating the light level of controlled lamps	6

Pack	Cat.Nos	Multifunction remote control dimmer 240 V~ 50/60Hz	Number of modules
1	0 026 71	⎓ rail mounting Compatible with energy saving lamps: dimmable LEDs and CFLs (Compact Fluorescent Lamps) Load: - 1 to 75 W dimmable LEDs - 1 to 100 W dimmable CFL - 1 to 300 VA dimmable fluorescent tubes - 1 to 200 VA dimmable LED / halogen lamps with ferromagnetic transformer - 1 to 200 VA dimmable LED / halogen lamps with electronic transformer - 1 to 300 W halogen and incandescent lamps 5 manually programmable functions: dimmer with level memory, dimmer without level memory, latching relay, timer, dual threshold timer. 3 additional functions accessible via Legrand NFC Close UP application only: child room fading, timer with switch-off warning function, dimming at preset levels. Remote control with non-illuminated push-button. Can replace a pre-installed dimmer, actuator or timer controlled by push-buttons. Power consumption in standby mode: 0.1 W	1

Lighting management remote control dimmers - technical characteristics

Load selection chart

Cat.Nos	Power		❶	❷	❸
0 036 58	Max	800 VA	no	yes with ballast 1-10 V	no
	Min	-			
0 036 59	Max	600 W	yes	no	yes
	Min	60 W			
0 026 71	Max	300 W	yes (min : 3 W max : 300 W)	no	yes (min : 3 VA max : 200 VA)
	Min	3 W			
0 036 60	Max	1 000 VA	no	yes with ballast 1-10 V	no
	Min	-			
0 036 71	Max	1 000 VA	yes	no	yes
	Min	-			

Cat.Nos	Power		❹	❺	❻ LED
0 036 58	Max	800 VA	yes with ballast 1-10 V	yes with ballast 1-10 V	yes with ballast 1-10 V
	Min	-			
0 036 59	Max	600 W	yes	no	no
	Min	60 W			
0 026 71	Max	300 W	yes (min : 3 VA max : 200 VA)	yes (min : 3 VA max : 200 VA)	yes (min : 3 W max : 75 W)
	Min	3 W			
0 036 60	Max	1 000 VA	yes with ballast 1-10 V	yes with ballast 1-10 V	yes with ballast 1-10 V
	Min	-			
0 036 71	Max	1 000 VA	yes	no	no
	Min	-			

❶ Halogen lamps 230 V
❷ Fluorescent lamps T5/T8
❸ ELU halogen lamps with ferromagnetic transformer
❹ ELU halogen lamps with electronic transformer
❺ CFL lamps with 1-10 V separated electronic ballast
❻ LED

Time delay relays

12 to 230 V~ and ⎓

0 047 40

0 047 41

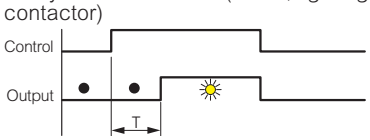
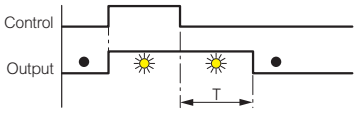
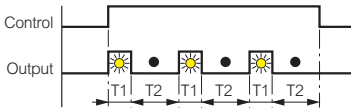
0 047 42

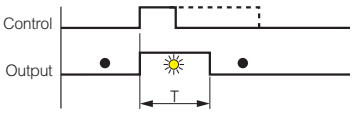
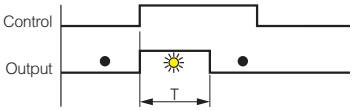
0 047 43

0 047 45

0 047 44

For controlling the switching ON or OFF of a circuit (lighting, ventilation, automation, signalling) in operation for a specific time from 0.1 sec to 100 hrs
Supply voltage: 12 to 230 V± (50/60 Hz) and =
Output: 8 A - 250 V± - μ cos φ = 1 per inverter contact

Pack	Cat.Nos	Time delay relays	Number of modules
1	0 047 40	**ON delay** Delays load switch-on (alarm, lighting, contactor)  The time period starts when the relay is switched ON. At the end of the time period (T), the load is switched ON	1
1	0 047 41	**OFF delay** Delays load switch-off (ventilation, etc.)  The time period (T) starts with the opening of the non-illuminated switch or pushbutton At the end of the time period, the load is switched OFF	1
1	0 047 42	**Flashing** For switching ON and OFF a load (lighting, sounder) for different times and cyclically 	1

Pack	Cat.Nos	Time delay relays (continued)	Number of modules
1	0 047 43	**Timer (pulse)** For switching a load ON for a specific time (contactor)  The time period (T) starts with the closing of the non-illuminated switch or pushbutton At the end of the time period, the load is switched OFF	1
1	0 047 45	**Wipe contact flick contactor** For switching a load ON for a specific time  The time period (T) starts when the relay is switched ON At the end of the time period (T), the load is switched OFF	1
1	0 047 44	**Multifunction** • ON delay • OFF delay • ON/OFF delay • Timer (pulse) • Timer and passing contact • Flashing • Totalizer on delay • Totalizer delay on power-up	1

Socket outlets and special modular supports

0 042 80

0 042 85

4 129 50

4 129 50 + 0 775 94

4 129 50 + 4 129 51 + 0 238 74

4 129 50 + 4 129 52

Allow insertion of supply busbars

Pack	Cat.Nos	10-16 A - 250 V~	Number of modules
		Automatic terminals	
		French standard	
10	0 042 80	2P + ⏚ shuttered	2.5
		German standard	
10	0 042 85	2P + ⏚ shuttered	2.5
		20 A - 400 V~	
		French standard	
5	0 042 91	3P + ⏚ shuttered	3.5
5	0 042 92	3P + N + ⏚ shuttered	3.5
		Special supports	
10	4 129 50	**Modular support for ⌴ rail** Can be equipped with: - Arteor or Mosaic 2-module mechanisms - Osmoz control and signalling units with the special adaptator Cat.No 4 129 51 - other equipment when used with the blanking plate Cat.No 4 129 52	2.5
10	4 129 51	**Osmoz adaptor** Pre-drilled adaptor for mounting Ø22.5 mm control and signalling units on the modular support Cat.No 4 129 50	
10	4 129 52	**Blanking plate** Can be used as a blanking plate or for mounting different equipment on the modular support Cat.No 4 129 50 (e.g switches, lamps, printed circuits, potentiometers)	

Transformers, buzzers and bells

4 130 91

4 130 98

0 041 07

Bell transformers

Conform to IEC / EN 61558-2-8
Protected against overloads and short circuits.
In the event of an overload, switch "OFF" the power supply and allow the transformer to cool down before switching on again
With label holders
Wall or rail ⌴ mounting (for 4 modules)
Possibility for supply busbars to run through (Cat.No 4 130 91)

230 V/12 V - 8 V

Pack	Cat.Nos	Secondary (V)	Rating (A)	Power (VA)	Number of modules
1	4 130 91	12/8	0.66/1	8	2
1	4 130 92	12/8	2/3	24	4

230 V/24 V - 12 V

1	4 130 93	24/12	1/1.5	24 - 18	4

Safety transformers

Conform to IEC / EN 61558-2-6
Protected against overloads and short circuits.
In the event of an overload, switch "OFF" the power supply and allow the transformer to cool down before switching on again
Wall or rail ⌴ mounting

230 V/12 or 24 V

(per coupling 2 x 12 V for Cat.No 4 130 98)
Supplied with strip

Pack	Cat.Nos	P (VA)	No-load loss (W)	Voltage % drop Cos Φ = 1	Efficiency % Cos Φ = 1	Ucc (%)	I (A) primary loaded	Number of modules
1	4 130 96	25	2.5	29	66	23.3	0.142	5
1	4 130 98	63	4	15.7	75	13.6	0.33	5

Buzzers and bells

50 Hz AC - Connection by screw terminals, with label holder
Allow insertion of supply busbars
Caution: remove lamps from illuminated push-buttons when used with Cat.Nos 0 041 01

Bells

Pack	Cat.Nos	Voltage (V~)	Power (VA)	Consum. (mA)	Acoustic power at 1 m (dB)	Number of modules
10	0 041 01	8/12	4/5	360/420	80/84	1
10	0 041 07	230	6	27	83	1

Buzzers

10	0 041 13	230	6	27	73	1

Wiring management accessories
p. 75

Switching mode power supplies

single-phase

1 467 01

1 467 12

1 467 22

Technical characteristics, **please consult the technical datasheet**

Conform to standards UL 508, UL 60950, EN 61558-2-16 and IEC EN 60950-1, EN 55022 class B, EN 61000-3-2, EN 61000-3-3, EN 61000-6-2 and EN 61204-3
Operating frequency: 50/60 Hz
Output voltage present indicator
Output voltage adjustment potentiometer on front panel
Integrated short-circuit and overload protection
For mounting on a symmetrical rail ⊔ depth 7.5 mm and 15 mm

Pack	Cat.Nos	Single-phase - 12 - 92 W			
		No-load power consumption < 0.3 W Adjustable output voltage			
		Input voltage: 100 to 240 V∿ **Output voltage: 5 V⎓**			
		Nominal power (W)	Rated current (A)	Setting range (V)	Number of modules
1	1 467 01	12	2.4	4.5 to 5.5	1
		Input voltage: 100 to 240 V∿ **Output voltage: 12 V⎓**			
1	1 467 11	24	2	10.8 to 13.8	2
1	1 467 12[1]	54	4.5	10.8 to 13.8	3
		Input voltage: 100 to 240 V∿ **Output voltage: 24 V⎓**			
1	1 467 21	15	0.6	21.6 to 29	1
1	1 467 22	36	1.5	21.6 to 29	2
1	1 467 23[1]	60	2.5	21.6 to 29	3
1	1 467 24[1]	92	3.8	24 to 25.5	4

1: Double output terminal block

SMART ELECTRICAL PANEL

Adding comfort is simplicity itself

With our smart electrical panel solutions and the Home + Control App, you have the benefit of a complete system for controlling your electrical installation on any type of site, from private houses to large blocks of flats.

Home + Control App

Control your electrical installation

The different CX³ with Netatmo and EMDX³ with Netatmo connected modular products allow to control the lighting, the high-energy consumption appliances, the Green'Up Premium electrical vehicle charging stations, or track electrical energy consumption.

EMDX³ with Netatmo connected electricity meter

See p. 112

CX³ with Netatmo connected contactor

See p. 113

CX³ with Netatmo connected load shedder

See p. 113

CX³ with Netatmo connected latching relay

See p. 113

Smart electrical panel

connected starter packs

Home + Control

4 121 81

4 121 91

For technical characteristics, **please consult the technical datasheet**

Allows the user to control an installation remotely using a smartphone via the Home + Control App. from Legrand and/or voice via a voice assistant
For any connected installation, you need to order either an EMDX³ with Netatmo Gateway Module, or a starter pack for connected installations including an interface (CX³ with Netatmo connected starter pack or available in the connected wiring accessory ranges: Arteor/Mosaic/Mallia Senses with Netatmo)
The installation can be supplemented by other products for smart electrical panel or available in the "with Netatmo" connected wiring accessory ranges. Products available from an Authorised Dealer
2.4 GHz Wi-Fi connection required

Pack	Cat.Nos	EMDX³ with Netatmo Gateway Module
1	4 121 81	Can be used to create a connected installation Connects the connected modules (electricity meter, latching relay, contactor) to the house Wi-Fi network For installation in the electrical panel Allows insertion of a supply busbar 100 - 240 V~ - 50/60 Hz Consumption: 2 W maximum Connection via screw terminals Width: 2.5 x 17.5 mm modules
1	4 121 91	**CX³ with Netatmo connected starter pack** Can be used to start a connected installation For installation in the electrical panel Connects the connected modules to the house Wi-Fi network Allows insertion of a supply busbar Contents: - 1 Gateway Module Cat.No 4 121 81, 100 - 240 V~ - 50/60 Hz Consumption: 2 W maximum Width: 2.5 x 17.5 mm modules - 1 connected contactor Cat.No 4 121 71, multifunction, silent (< 10 dB), 20 A, 100 - 240 V~ - 50/60 Hz Connection via screw terminals Width: 1 x 17.5 mm module

Smart electrical panel

EMDX³ with Netatmo connected electricity meters

Home + Control

4 120 15

4 120 33 x 3

For technical characteristics, **please consult the technical datasheet**

For any installation controlled remotely using a smartphone via the Home+ Control App. from Legrand and/or voice via a voice assistant
Products available from an Authorised Dealer

Pack	Cat.Nos	EMDX³ with Netatmo single-phase connected electricity meter
		Requires prior installation of a "with Netatmo" connected starter pack, version for ⎓ rail Cat.Nos 4 121 81/91 or available in the connected wiring accesory ranges: Arteor/Mosaic/Mallia Senses with Netatmo Allows the user to: - measure the total instantaneous power consumption of the installation - track the daily/weekly/monthly/annual history of the total consumption of the house or circuit with which it is associated (in kWh and as a value) - send a notification if an adjustable threshold of total instantaneous power is reached Width: 1 x 17.5 mm module
		Single-phase
1	4 120 15	100 - 240 V~ - 50/60 Hz Supplied with 1 closed current transformer, 80 A max.
		Three-phase
1	4 121 75	110 - 500 V~ - 50/60 Hz Supplied with 3 closed current transformers (Rogowski coils), 125 A max.
		EMDX³ with Netatmo single-phase connected ecometer Allows the user to: - measure and display total and partial electricity consumption on 5 single-phase specific lines: heating, cooling, domestic hot water, socket outlets and other types of consumption in euro, kWh, or m³ - monitor the consumption of gas, hot water and cold water via pulse meters (not supplied) - view the instantaneous consumption and history of each source offline (on the product screen) and remotely via the Legrand Home + Control App. Can operate independently or be integrated in an installation with a "with Netatmo" connected starter pack, version for ⎓ rail Cat.Nos 4 121 81/91 or available in the connected wiring accesory ranges: Arteor/Mosaic/Mallia Senses with Netatmo Equipped with: - 1 Ethernet IP RJ 45 output and/or Wi-Fi connectivity for remote access via the Legrand Home + Control App. - 5 inputs for quick-connect current transformer (including 1 dedicated to total consumption) for measuring the electrical circuits - 1 CIS (Customer Information System) input for electronic meter, for managing tariff periods. Time slots can be entered by programming (if no CIS connected) - 3 pulse inputs (screw terminals) for measuring gas, cold water and hot water (to be connected to dedicated pulse meters, not supplied) Connection via screw terminals Width: 5 x 17.5 mm modules
1	4 120 33	Connected ecometer pack comprising: - 1 Connected ecometer Cat.No 4 120 32 - 3 x 80 A closed current transformers Cat.No 4 120 08
1	4 120 08	Current transformer (closed coil), 80 A max. Quick, screwless connection

Red catalogue numbers: New products

Smart electrical panel - CX³ and EMDX³

with Netatmo connected contactor and load shedder

4 121 71

4 121 72

Home + Control

For technical characteristics, **please consult the technical datasheet**

For any installation controlled remotely using a smartphone via the Home + Control App. from Legrand and/or voice via a voice assistant
Products available from an Authorised Dealer

Pack	Cat.Nos	CX³ with Netatmo connected contactor
1	4 121 71	Requires prior installation of a “with Netatmo” connected starter pack, version for ⎓ rail Cat.Nos 4 121 81/91 or available in the connected wiring accesory ranges: Arteor/Mosaic/Mallia Senses with Netatmo Multifunction silent contactor (< 10 dB) 20 A, 100 - 240 V∿ - 50/60 Hz Conforming to standard IEC/EN 60669-2-1 Can be used to control (ON/OFF) any type of load remotely (water heater, heating, swimming pool pump, charging socket for an electric vehicle, etc) Peak/off-peak function Allows the user via the Legrand Home + Control App. to: - enter the contactor operating mode (peak/off-peak or ON/OFF) according to the nature of the load (water heater or other load) - measure and track consumption (kWh) of the controlled circuit - control another single or three-phase contactor > 20 A - directly control electrical appliances up to 4800 W, or motors up to 2400 VA, or sockets for electric vehicles up to 16 A VE Self-protected upstream control terminals: no need for protection such as a 2 A circuit breaker or a fuse (remove this circuit breaker if already present when replacing a standard latching relay) Allows insertion of a supply busbar Screw terminals Width: 1 x 17.5 mm module
		EMDX³ with Netatmo connected load shedder
1	4 121 72	Requires prior installation of a “with Netatmo” connected starter pack, version for ⎓ rail Cat.Nos 4 121 81/91 or available in the connected wiring accesory ranges: Arteor/Mosaic/Mallia Senses with Netatmo Allows the user to: - measure the total electricity consumption for the building in real time - track daily/weekly/monthly/annual consumption history via the Legrand Home + Control App. - carry out intelligent load shedding if excessive consumption is detected: by switching off, individually and automatically, appliances powered via connected cable outlets, connected contactors, or connected socket outlets in the “with Netatmo” ranges - automatically switch these appliances back on once the consumption peak has passed - configure the load-shedding threshold (choice of subscribed demand or a maximum consumption threshold) and customise the load-shedding priority of each appliance from the Legrand Home + Control App. Supplied with 1 measurement coil, 80 A max. Has space for inserting a supply busbar Screw terminals Width: 1 x 17.5 mm module

Smart electrical panel

CX³ with Netatmo connected latching relay and dry contact

4 121 70

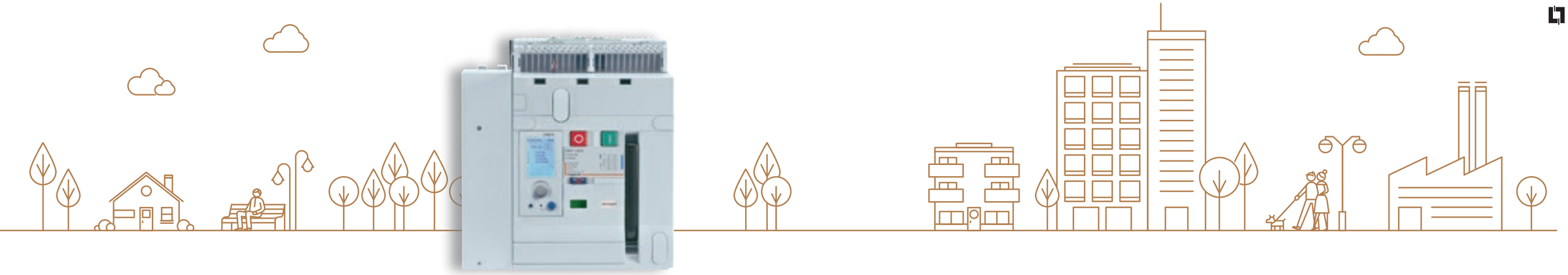
4 121 73

Home + Control

For technical characteristics, **please consult the technical datasheet**

For any installation controlled remotely using a smartphone via the Home + Control App. from Legrand and/or voice via a voice assistant
Products available from an Authorised Dealer

Pack	Cat.Nos	CX³ with Netatmo connected latching relay
1	4 121 70	Requires prior installation of a “with Netatmo” connected starter pack, version for ⎓ rail Cat.Nos 4 121 81/91 or available in the connected wiring accesory ranges: Arteor/Mosaic/Mallia Senses with Netatmo Silent latching relay (< 10 dB) Single-pole, 16 A, 100 - 240 V∿ - 50/60 Hz Conforming to standard: IEC/EN 60669-2-1 Allows the user via the Legrand Home + Control App. to: - control devices remotely (one-off control or integrated in a scenario with one or more lighting points) - measure and track consumption (kWh) of the controlled circuit - program devices according to a daily and/or weekly schedule Can be controlled by standard wired push-buttons and/or be combined with Arteor/Céliane/Dooxie/ Mosaic/Valena with Netatmo connected wireless switches Self-protected upstream control terminals: no need for protection such as a 2 A circuit breaker or a fuse (remove this circuit breaker if already present when replacing a standard contactor) Allows insertion of a supply busbar Screw terminals Width: 1 x 17.5 mm module
		CX³ with Netatmo connected dry contact
1	4 121 73	Requires prior installation of a “with Netatmo” connected starter pack, version for ⎓ rail Cat.Nos 4 121 81/91 or available in the connected wiring accesory ranges: Arteor/Mosaic/Mallia Senses with Netatmo Connected dry contact 100 - 240 V∿ - 50/60 Hz Normally open contact Conforming to standard: IEC/EN 60669-2-1 Compatible with EMDX³ with Netatmo load shedder Cat.No 4 121 72 Allows the user via the Legrand Home + Control App. to: - control of electric vehicle charging stations, such as Green'up One our Green'Up Premium, or any other device equipped with a 12 V ⎓ / 30 V ⎓ direct current dry contact control circuit (eg: heating manager, ventilation system, sprinkler system, etc.), or of any type of circuit already equipped with a single-phase power contactor - measure the energy consumption (kWh) of the controlled circuit in single-phase installations up to 80 A Not compatible with motorised appliances such as roller blinds or electric gates. Supplied with 1 closed current transformer, 80 A max Allows insertion of a supply busbar Screw terminals Width: 1 x 17.5 mm module



ACBs, MCCBs AND HEAD EQUIPMENT

▶ NEW PRODUCTS

P. 170
DPX³ 250 HP
MCCBs thermal magnetic and electronic release

JANUARY 2024
P. 218
DMX³ 4000 - 1000 V~
ACBs for wind turbine, photovoltaic and railway installations

P. 238
DSX
switch-disconnectors fixing on plate

ENERGY MANAGEMENT & MEASUREMENT

P. 116
CX³ energy management system

P. 118 N
EMDX³ electrical energy meters
⌙⌐ rail mounting

P. 118
EMDX³ multi-function measuring units
⌙⌐ rail mounting

P. 119
EMDX³ multi-function measuring units on door

P. 123 N
PMX multi-function energy meters on door

P. 127
Current transformers

P. 129
Ammeters & voltmeters
⌙⌐ rail mounting

P. 130
Ammeters & voltmeters on door

P. 132
DRX and DRX-I 125 thermal magnetic MCCBs ≤ 125 A

P. 133
DRX and DRX-I 250 thermal magnetic MCCBs ≤ 250 A

P. 134
DRX 630 and DRX 630 adjustable thermal magnetic MCCBs ≤ 630 A

P. 146 N
DRX 125 HP and DRX 125 HP adjustable thermal magnetic MCCBs ≤ 125A

P. 148 N
DRX 250 HP and DRX 250 HP adjustable thermal magnetic MCCBs ≤ 250A

HEAD EQUIPMENT

P. 159
DPX³ 160 thermal magnetic MCCBs ≤ 160 A fixing on rail or plate

P. 161
DPX³ 250 thermal magnetic and electronic release MCCBs ≤ 250 A fixing on rail or plate

P. 168 N
DPX³ 125 HP thermal magnetic MCCBs ≤ 125 A fixing on plate

P. 169 N
DPX³ 160 HP thermal magnetic MCCBs ≤ 160 A fixing on plate

P. 170 N
DPX³ 250 HP thermal magnetic and electronic release MCCBs ≤ 250 A fixing on plate

P. 176
DPX³ 630 thermal magnetic and electronic release MCCBs ≤ 630 A fixing on plate

P. 181
DPX³ 1600 thermal magnetic and electronic release MCCBs ≤ 1600 A fixing on plate

P. 184 N
Supervision system

P. 185
Residual current relays and coils

P. 186 N
DPX³-I trip free switches and DPX³ magnetic release only MCCBs

P. 200 N
DMX-SP 2500
ACBs ≤ 2500 A

P. 204 N
DMX-SP 4000
ACBs ≤ 4000 A

P. 212 N
DMX³ 1600
ACBs ≤ 1600 A

P. 216 N
DMX³ 2500/4000
ACBs ≤ 4000 A

P. 217 N
DMX³ 6300
ACBs ≤ 6300 A

P. 222
Automatic transfer switch control units

P. 238 N
DSX switch disconnectors and transfer switching equipment up to 320 A

P. 242
DCX-M changeover switches 400 A to 1600 A

P. 246
Vistop isolating switches ≤ 160 A

P. 248
DPX-IS isolating switches ≤ 1600 A

P. 255
Proximity switches, isolator switches up to 80 A

P. 260
SP fuse carriers and HRC cartridge fuses

P. 262
Blade type cartridge fuses

P. 270
MPX³ MPCBs for 3-phase motors ≤ 45 kW

P. 280
CTX³ 3-pole industrial contactors 9 A ≤ 800 A and RTX³ thermal relays

SUPPLY BUSBARS & DISTRIBUTION BLOCKS

P. 297
Supply busbars

P. 298
Distribution terminal blocks

P. 299 N
Modular distribution blocks ≤ 250 A

P. 302
Power distribution blocks ≤ 400 A

P. 303
Connection

CX³ energy management system

4 149 20

4 149 24

4 149 23

4 149 30

4 149 29

4 149 32

4 149 31

4 149 26

Conform to IEC/EN 61131-2 (Programmable controllers)
CX³ energy management system enables to measure, control and visualize the state of ⎓ rail mounting protection devices (MCBs, RCCBs, RCBOs, etc...) and head equipment (DMX³ and DPX³), locally ("Stand alone") or remotely. All the modules of the system are equipped with two specific communication ports: one at the backside (for communication rail) and one underneath (for communication patch cords). Power supply with specific module Cat.No 4 149 45
Remote configuration possible with the help of the Energy Management Configuration Software, available for free download via E-Catalogue (giving also access to a 30-day trial version of Energy Management Software Cat.No 4 149 38/39)

Pack	Cat.Nos	Measurement modules	Number of modules
		For measuring current, voltage, active/reactive power and other values Conform to IEC/EN 61557-12 Accuracy: class 0.5	
		Direct connection up to 63 A with closed Rogowski coils Allow the passage of prong-type supply busbars (upper side) Supplied with closed Rogowski coils	
1	4 149 18	3 x single-phase measuring module + 3 coils Consumption: 0,418 W - 34,8 mA (12 V ⎓)	1
1	4 149 19[1]	Single-phase measuring module + 1 coil Consumption: 0.409 W - 34.1 mA (12 V ⎓)	1
1	4 149 20[1]	3-phase measuring module + 3 coils Consumption: 0.418 W - 34.8 mA (12 V ⎓)	1
		Direct connection up to 125 A with closed Rogowski coils Allow the passage of prong-type supply busbars (upper side) Supplied with closed Rogowski coils	
1	4 149 21	3-phase measuring module + 3 coils Consumption: 0.418 W - 34.8 mA (12 V ⎓)	1
		Direct connection with open, fexible Rogowski coils Allow the passage of prong-type supply busbars (upper side) Supplied with opened, fexible Rogowski coils and fixing supports for busbars	
1	4 149 22	3-phase measuring module + 3 coils up to 630 A Consumption: 0.418 W - 34.8 mA (12 V ⎓)	1
1	4 149 24	3-phase measuring module + 3 coils up to 1600 A Consumption: 0.418 W - 34.8 mA (12 V ⎓)	1
1	4 149 25	3-phase measuring module + 3 coils up to 3200 A Consumption: 0.418 W - 34.8 mA (12 V ⎓)	1
1	4 149 27	3-phase measuring module + 3 coils up to 6300 A Consumption: 0.418 W - 34.8 mA (12 V ⎓)	1
		Connection with CT	
1	4 149 23	5 A measuring module connected via current transformers (CT) Consumption: 0.391 W - 32.6 mA (12 V ⎓)	1

Pack	Cat.Nos	Extension kits for Rogowski coils
		Supplied with connectors
1	4 149 15	Length: 1 m
1	4 149 16	Length: 3 m

Pack	Cat.Nos	Pulse concentrator	Number of modules
1	4 149 26[1]	For collecting and transmitting measurements taken by universal pulse energy meters (water, gas, etc...) Up to 3 pulse circuits Consumption: 0.288 W - 24 mA (12 V ⎓)	1

Pack	Cat.Nos	State reporting modules	Number of modules
		Auxiliary + fault signalling contact	
1	4 149 29[1]	Indicates the position of the contacts and the fault tripping of its associated device. To fit on the left-hand side of DX³ MCBs, RCCBs, RCBOs and isolating switches Consumption: 0.236 W - 19.7 mA (12 V ⎓)	0.5
		Universal signalling module	
1	4 149 30[1]	Equipped with 3 LED lights: green, red and yellow Indicates various type of information, according to selected configuration: contacts position, plugged-in or drawn-out product, etc... Equipped with DIP switches (on the side) allowing product configuration: selection of information type and of the LED behaviour Compatible with ⎓ rail mounting protection devices or head equipment (DMX³ and DPX³) Consumption: 0.377 W - 31.4 mA (12 V ⎓)	1

Pack	Cat.Nos	Universal control module	Number of modules
1	4 149 32[1]	2 relays: 240 V ∿ - 6 A Enables to remotely control different electrical loads or motorised controls associated to ⎓ rail mounting protection devices or head equipment (DPX³ MCCBs) Equipped with DIP switches (on the side) allowing product configuration: contact type (NO + NC, 2 NO, etc...) and function (maintained or momentary contact) Consumption: 0.456 W - 38 mA (12 V ⎓)	1

Pack	Cat.Nos	Control and state reporting module	Number of modules
		For CX³ latchnig relays and 1 and 2-module contactors up to 25 A	
1	4 149 31[1]	Indicates the position of the contacts and enables remote control of its associated product Equipped with DIP switches (on the side) allowing product configuration: selection of the main product (latching relay or contactor). To fit on the left-hand side of the CX³ latching relays and contactors Consumption: 0.372 W - 31 mA (12 V ⎓)	1

1: Enables upstream busbar connection

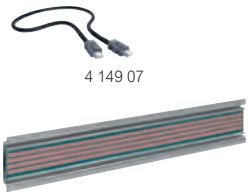
Red catalogue numbers: New products

CX³ energy management system (continued)

4 149 36

4 149 48

0 046 89


4 149 07

4 149 01 installed on ⊔ rail

Conform to IIEC/EN 61131-2 (Programmable controllers)
CX³ energy management system enables to measure, control and visualize the state of ⊔ rail mounting protection devices (MCBs, RCCBs, RCBOs, etc...) or head equipment (ACBs, MCCBs, etc...), locally ("Stand alone") or remotely. All the modules of the system are equipped with two specific communication ports: one at the backside (for communication rail) and one underneath (for patch cords).
Power supply with specific module Cat.No 4 149 45
Remote configuration possible with the help of the Energy Management Configuration Software, available for free download via E-Catalogue (giving also access to a 30-day trial version of Energy Management Software Cat.No 4 149 38/39)

Stand alone configuration module

Pack	Cat.Nos	⊔ rail mounting	Number of modules
		Optional module for "stand alone" supervision need Enables to configure, test and control CX³ energy management system and to visualize supervision data No computer or IP connection required Consumption: 0.438 W - 36.5 mA (12 V ⎓)	
1	4 149 36[1]	Menu languages: English, French, Italian, Flemish, Polish, Spanish, German, Portuguese and Turkish	4
1	4 149 37[1]	Menu languages; English, Arabic, Chinese, Greek, and Russian	4

Energy management multi-support web servers

Allow remote configuration, test, control and visualization, via a web browser on PCs, smartphones, web viewers, tablet computers, of data collected from: protection devices (DX³ add-on modules with integrated measurement control unit, DPX³ and DMX³), EMDX³ electricity meters and multi-function measuring units, CX³ energy management system and Green'up charging stations for electric vehicles.

Pack	Cat.Nos	⊔ rail mounting	Number of modules
		Direct IP connection Power supply: 9 to 28 V ⎓ with the help of a single-phase switching mode power supply Cat.No 1 467 21 to be ordered separately	
1	4 149 47	For 10 Modbus adresses or 10 pulse modules	4
1	4 149 48	For 32 Modbus adresses or 32 pulse modules	4
		Fixing on plate	
1	4 149 49	For 255 Modbus adresses or 255 pulse modules Supplied with external power supply and fixing brackets	

Communication interfaces

Pack	Cat.Nos	RS485 / CX³ energy management system	Number of modules
1	4 149 40	RS485 / CX³ energy management system conversion Consumption: 0.344 W - 28.7 mA (12 V ⎓)	1
		RS485 / Ethernet	
1	0 046 89	RS485 / Ethernet conversion (for connection to an IP network)	3

Pack	Cat.Nos	Power supply module	Number of modules
1	4 149 45	500 mA 12 V ⎓ stablized power supply module for CX³ energy management system	1

Connection accessories

Pack	Cat.Nos		
		Communication rails To be fitted on ⊔ rail or spacer Allows data transmission between the different modules of CX³ energy supervision system	
1	4 149 01[2]	18 modules	
1	4 149 02[2]	24 modules	
1	4 149 03[2]	36 modules	
		Communication patch cords Allows data transmission between the different modules of CX³ energy supervision system Can be used instead of communication rails or to create a link between two rows (individually connected with communication rails)	
1	4 149 07	Length 250 mm (10 patch cords)	
1	4 149 08	Length 500 mm (10 patch cords)	
1	4 149 09	Length 1000 mm (5 patch cords)	
		Communication patch cord connector	
1	4 149 10	Enables to extend communication patch cords length by clipping them together Max. length: 3 m	
		Plastic cover for communication rail	
1	4 149 14	Must be used for protection of the unused parts of the communication rail Length: 36 modules Can be cut to the required length. Fixing: direct clip on to the rail	

1: Enables upstream busbar connection
2: For other lengths, please consult us

Supervision for DPX³
p. 184

Red catalogue numbers: New products

EMDX³ electrical energy meters

rail mounting

4 120 68

4 120 91

4 120 65

Technical characteristics **p. 120**

Measure the electricity consumed by a single-phase or three-phase circuit downstream of the electricity distribution metering
Display electricity consumption in kWh, as well as other values such as current, active energy, reactive energy and power (depending on the catalogue number). Conform to standards IEC 61557-12, IEC 62053-21/23, IEC 62052-11 and IEC 62052-31
MID compliance ensures accuracy of the metering with a view to recharging for the electricity used

Single-phase meters

Direct connection

Pack	Cat.Nos		Maximum current (A)	Output type	Dual tariff	Number of modules
	Non-MID	MID compliant				
1	0 046 70		32	Pulse	No	1
1	4 120 68		45	RS 485	No	1
1		4 120 69	45	Pulse	No	1
1	4 120 80	4 120 82	63	Pulse	No	2
1	4 120 81	4 120 83	63	RS 485	Yes	2

Three-phase meters

Direct connection

Pack	Cat.Nos		Maximum current (A)	Output type	Dual tariff	Number of modules
	Non-MID	MID compliant				
1	4 120 90[1]	4 120 92[1]	63	Pulse	No	4
1	4 120 91	4 120 93	63	RS 485	Yes	4
1	4 120 74	4 120 75	125	Pulse and RS 485	Yes	6
			Connection with CT			
1	4 120 40[1]	4 120 42[1]	5	Pulse	No	4
1	4 120 41	4 120 43	5	RS 485	Yes	4

Pulse concentrator

Pack	Cat.Nos
1	4 120 65

For collecting and transmitting measurements taken by 12 universal pulse electricity meters
Also collects pulses from other meters (gas meters, water meters, etc.)
RS485 output
4 modules

1: One pulse type input for other types of meters (gas, water, etc.)

EMDX³ with Netatmo connected ecometer **p. 112**

EMDX³ multi-function measuring units

rail mounting

4 120 45

4 120 51

4 120 48

Technical characteristics **p. 121-122**

Conform to standards:
- IEC 61557-12
- IEC 62053-22
- IEC 62053-23 class 1

Pack	Cat.Nos	**EMDX³ modular measuring unit**
		Multi-function measuring unit
1	4 120 45	For mounting on ⊔ rail Width: 4 modules • LCD display • Precision class: 1 • Connection with current transformers (CT) • Measurement of currents, voltages, frequency, active, reactive and apparent power, power factor, active and reactive energy • THD voltages and currents • RS 485 and pulse output
		Multi-function measuring unit with active digital inputs and programmable alarms
1	4 120 51	For mounting on ⊔ rail Width: 4 modules • LCD display • Precision class: 0.5 • Connection with current transformers (CT) • Measurement of currents, voltages, frequency, active, reactive and apparent power, power factor, active and reactive energy • 4 tariff metering: • THD voltages, currents and harmonic analysis up to order 25 (available on Modbus COM port) • Programmable alarms on all functions • RS 485 and pulse output

Pack	Cat.Nos	**EMDX³ Easy Connect measuring unit**
1	4 120 48	For mounting on ⊔ rail Width: 4 modules To be equipped with open, flexible Rogowski coils from 630 to 6300 A, Cat.Nos 4 121 08/09/10/11 (p. 119) For 3-phase networks (3 or 4 cables) • LCD display allowing to read the current and voltage phase shifts and visualize the average power load curve and the harmonics diagram (up to rank 15), in addition to the display of main values of an electrical network • The fast connection system of the Rogowski coils allow time saving during wiring operations and reduce the risk of errors • Measurement of : - Phase and line (phase to phase) voltages - Minimum and maximum voltages - THD voltages (up to rank 15) - Phase current - Neutral current - Average phase current - Average peak phase current • MODBUS output

Rogowski coils for Easy Connect multi-function measuring units **p. 119**

Red catalogue numbers: New products

EMDX³ multi-function measuring units

for mounting on door or solid faceplate

4 120 47

4 120 52

4 120 53

4 120 55

4 120 57

Technical characteristics **p. 121-122**

Conform to standards:
- IEC 61557-12
- IEC 62053-22
- IEC 62053-23 class 1 for Cat.No 4 120 52 - Class 2 for Cat.No 4 120 53

Pack	Cat.Nos	EMDX³ - Access multi-function measuring units
		Precision class: 1
1	4 120 47	For mounting on door or solid faceplate Dimensions: 96 x 96 x 62 mm • LCD display • Connection with current transformers (CT) • Measurement of currents, voltages, frequency, active, reactive and apparent power and power factor • Metering: - Active energy consumed or produced - Reactive energy consumed or produced • THD voltages and currents • RS 485 communication and Pulse output
		Precision class: 0.5
1	4 120 52	For mounting on door or solid faceplate Dimensions: 96 x 96 x 62 mm • LCD display • Measurement of currents, voltages, active, reactive and apparent power and power factor • Metering: - Active energy consumed or produced - Reactive energy consumed or produced - Operating time - Pulses • THD voltages, currents, and individual harmonic up to order 25(1) • RS 485 communication and Pulse output
		EMDX³ - Premium multi-function measuring unit
1	4 120 53	For mounting on door or solid faceplate Dimensions: 96 x 96 x 62 mm • LCD display • Precision class: 0.5 • Measurement of currents, voltages, active, reactive and apparent power, internal temperature and power factor • Metering: - Active energy consumed or produced - Reactive energy consumed or produced - Operating time - THD • Programmable alarms on all functions • Power quality functions: harmonics (U & I) to 40th, dips, swells, interruption, rapid voltage change and flickers • Memory embedded (8 Mb) • RTC (real time clock) Can take 4 EMDX³ optional modules
		EMDX³ modules
		Modules for EMDX³ - Premium multi-function measuring units
1	4 120 55	R485 communication module with Modbus link
1	4 120 59	Pulse ouput module for energy count 2 independent and insulated outputs
1	4 120 57	2 inputs / 2 outputs module Output can be assigned to alarms on different values
1	4 120 60	2 analog outputs module 0...20 mA and/or 4...20 mA
1	4 120 58	Temperature module 2 Pt100 inputs resistances

1: Available on Modbus COM port

Pack	Cat.Nos	EMDX³ Easy Connect multi-function measuring unit
1	4 120 49	For mounting on door or solid faceplate Dimensions: 96 x 96 x 75 mm To be equipped with open, flexible Rogowski coils from 630 to 6300 A, Cat.Nos 4 121 08/09/10/11 For 3-phase networks (3 or 4 cables) • LCD display allowing to read the current and voltage phase shifts and visualize the average power load curve and the harmonics diagram (up to rank 15), in addition to the display of main values of an electrical network • The fast connection system of the Rogowski coils allow time saving during wiring operations and reduce the risk of errors • Measurement of : - Phase and line (phase to phase) voltages - Minimum and maximum voltages - THD voltages - Analysis of voltage harmonics - Voltage crest factor - Phase current • MODBUS output

Pack	Cat.Nos	Rogowski coils for EMDX³ Easy Connect multi-function measuring units	Input current (A)	Minimum current (A)	Maximum current (A)	Cable length (m)	Diameter (mm)
1	4 120 08	Open, flexible Rogowski coils for EMDX³ Easy Connect measuring units Cat.Nos 4 120 48/49 Supplied with plastic support Extension kits for Rogowski Cat.Nos 4 149 15/16 (p. 116)					
1	4 121 08		630	12,5	750	2	50
1	4 121 09		1600	32,5	1950	2	100
1	4 121 10		3200	65	3900	2	150
1	4 121 11		6300	125	7500	2	240

Extension kits Rogowski coils
p. 116

Red catalogue numbers: New products

EMDX³ electrical energy meters

rail mounting

Technical characteristics

Conform to IEC 61557-12
Active energy accuracy: Class 1 (EN 62053-21)
Class B (EN 50470-1,3) - for MID version
Reactive energy accuracy: Class 2 (EN 62053-23)

Single-phase meters:
Reference voltage Un: 230 V-240 V
Reference frequency: 50-60 Hz

Cat.Nos 0 046 70, 4 120 68/69
LCD display: 7 digits
Resolution: 0.1 kWh
Maximum indication: 99999.9 kWh

Cat.Nos 4 120 80/81/82/83
LCD graphic display: 9 digits
Resolution: 0.01 kWh
Maximum indication: 9999999.99 kWh

Three-phase meters:
Reference voltage Un: single phase 230 V-240 V
three-phase 230 (400) - 240 (415) V
Reference frequency: 50-60 Hz

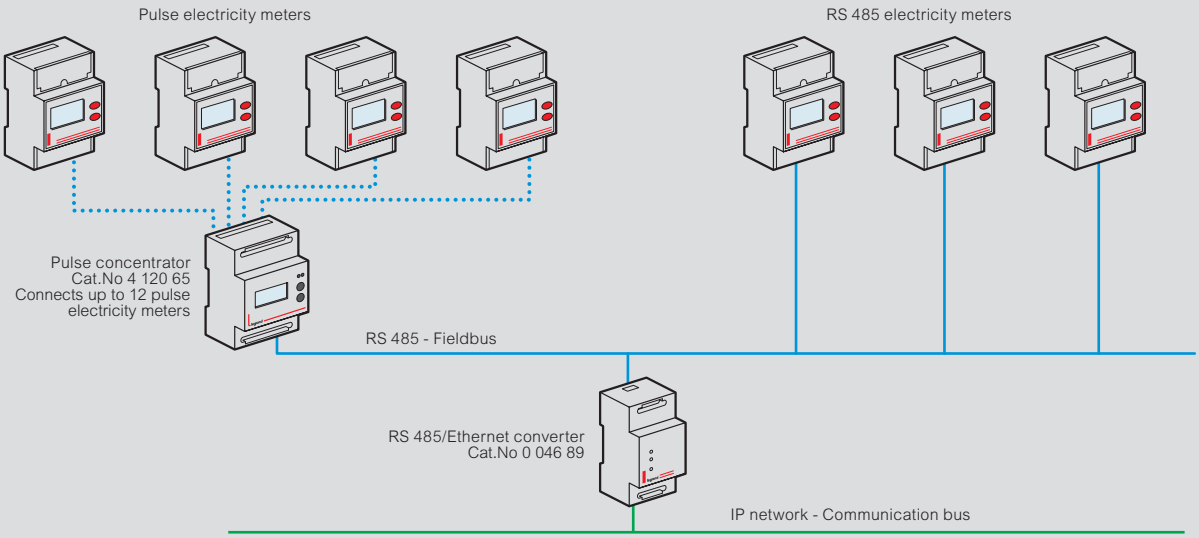
Cat.Nos 4 120 40/41/42/43/91/92/93
LCD graphic display: 9 digits
Resolution: 0.01 kWh
Maximum indication: 9999999.99 kWh

Cat.Nos 4 120 74/75
LCD display: 8 digits
Resolution: 0.01 kWh
Maximum indication: 999999.99 kWh

Cat.Nos			0 046 70	4 120 68	4 120 69	4 120 80	4 120 81	4 120 82	4 120 83	4 120 90	4 120 91	4 120 92	4 120 93	4 120 74	4 120 75	4 120 40	4 120 41	4 120 42	4 120 43
Type			Single phase							Three-phase									
Connection			Direct connection													Connection via CT			
Number of modules			1	1	1	2	2	2	2	4	4	4	4	6	6	4	4	4	4
Max. current (A)			32	45	45	63	63	63	63	63	63	63	63	125	125	5 (CT)	5 (CT)	5 (CT)	5 (CT)
Metering and measurement	Energy	Total active energy	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●
		Total reactive energy		●		●	●	●	●	●	●	●	●	●	●	●	●	●	●
		Partial active energy (reset)				●	●	●	●	●	●	●	●	●	●	●	●	●	●
		Partial reactive energy (reset)				●	●	●	●	●	●	●	●	●	●	●	●	●	●
	Energy bidirectional measure	Ea + and Ea- by tariff				●	●	●	●	●	●	●	●			●	●	●	●
	Power	Active power		●		●	●	●	●	●	●	●	●	●	●	●	●	●	●
		Reactive power		●		●	●	●	●	●	●	●	●	●	●	●	●	●	●
		Apparent power		●		●	●	●	●	●	●	●	●	●	●	●	●	●	●
		Average active power		●		●	●	●	●	●	●	●	●	●	●	●	●	●	●
		Max. average active power value				●	●	●	●	●	●	●	●	●	●	●	●	●	●
	Electrical values	Current		●		●	●	●	●	●	●	●	●	●	●	●	●	●	●
		Voltage		●		●	●	●	●	●	●	●	●	●	●	●	●	●	●
		Frequency				●	●	●	●	●	●	●	●	●	●	●	●	●	●
		Power factor		●		●	●	●	●	●	●	●	●	●	●	●	●	●	●
Dual tariff							●		●		●		●	●	●		●		●
Pulse input						●	O	●	O	●	O	●	O			●	O	●	O
Connection diagnostic																●	●	●	●
Time of uses		Total				●	●	●	●	●	●	●	●	●	●	●	●	●	●
		By tariff					●		●		●		●				●		●
Communication		Pulse output	●		●	●		●		●		●		●	●	●		●	
		Modbus RS 485		●			●		●		●		●	●	●		●		●
MID certification					●			●	●			●	●		●			●	●

● Built-in function
O Dual tariff or pulse input

Interfacing with IP communication network



For direct connection meters, if connected via transformers, the resolution and maximum indication depend on the transformation ratios of these transformers

EMDX³ multi-function measuring units

Technical characteristics

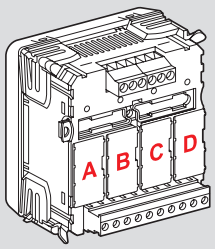
Cat.Nos			4 120 45	4 120 47	4 120 51	4 120 52	4 120 53
Connection	Current measurement terminals	Flexible cable	4 mm²	4 mm²	4 mm²	4 mm²	4 mm²
		Rigid cable	6 mm²	6 mm²	6 mm²	6 mm²	6 mm²
	Other terminals	Flexible cable	2.5 mm²	2.5 mm²	2.5 mm²	2.5 mm²	2.5 mm²
		Rigid cable	4 mm²	4.5 mm²	4 mm²	4 mm²	4 mm²
Protection index	Front cover		IP 54	IP 54	IP 54	IP 54	IP 54
	Casing		IP 20	IP 20	IP 20	IP 20	IP 20
Weight			250 g	285 g	250 g	285 g	285 g
Display	Type		Backlit LCD	Backlit LCD	Backlit LCD	Backlit LCD	Backlit LCD
	Refresh time		1.1 s	1.1 s	1 s	1 s	1 s
Measurements			1P+N, 3P, 3P+N	1P+N, 3P, 3P+N	1P+N, 3P, 3P+N	1P+N, 3P, 3P+N	1P+N, 3P, 3P+N
Voltage measurement	Direct	Phase/ Phase	80 - 500 V	50 - 460 V	80 - 500 V	80 - 500 V	80 - 690 V
		Phase/ Neutral	50 -290 V	86 -260 V	50 -290 V	50 - 290 V	50 - 400 V
	From PT	Primary	-	-	max. 1200 V	max. 1200 V	max. 150 kV
		Secondary	-	-	-	-	-
	Update period		0.8 s	0.3 s	0.2 s	0.2 s	0.2 s
Current measurement	Direct		-	-	-	-	-
	From a CT	Primary	50 kA	50 kA	max. 10 kA (X/1 A) or 50 kA (X/5A)	max. 10 kA (X/1 A) or 50 kA (X/5A)	max. 10 kA (X/1 A) or 50 kA (X/5A)
		Secondary	5 A	5 A	1 A or 5 A	1 A or 5 A	1 A or 5 A
	Minimum measurement		10 mA	10 mA	5 mA	5 mA	5 mA
	Input consumption		≤ 1 VA	≤ 1 VA	≤ 1 VA	≤ 1 VA	≤ 0,2 VA
	Permanent overload		1.2 In	1.2 In	1.2 In	1.2 In	1.2 In
	Intermittent overload		20 In / 0.5 s	20 In / 0.5 s	20 In / 0.5 s	20 In / 0.5 s	20 In / 0.5 s
	Update period		0.2s	0.2s	0.2s	0.2 s	0.2 s
	Max. CT x PT ratio		9999	9999	99990	99990	10000000 (x/1 A) 2000000 (x/5 A)
Power measurement	Total		0 - 9999 kW/ kVAr / kVA	0 - 9999 kW/ kVAr / kVA	0 - 9999 kW/ kVAr / kVA 0 - 9999 MW I MVAr / MVA	0 - 9999 kW/ kVAr / kVA 0 - 9999 MW I MVAr / MVA	0 - 9999 kW/ kVAr / kVA 0 - 9999 MW I MVAr / MVA
	Update period		0.2 s	0.2 s	0.2 s	0.2 s	0.2 s
Frequency measurement	Measurement range		45/65 Hz	45/65 Hz	45/65 Hz - 360/440 Hz	45/65 Hz - 360/440 Hz	45/65 Hz
	Update period		0.2 s	0.2 s	0.2 s	0.2 s	0.2 s
Auxiliary power supply	50 / 60 Hz		230 V ± 10%	Self-supplied	80 - 265 V ± 10%	80 - 265 V ± 10%	80 - 265 V ± 10%
	d.c.		-	-	100 - 300 V ± 10%	100 - 300 V ± 10%	100 - 300 V ± 10%
	Consumption	a.c.	≤ 2.5 VA	≤ 2.5 VA	≤ 2.5 VA	≤ 2.5 VA	≤ 2.5 VA
		d.c.	≃	≃	≤ 2.5 W	≤ 3.5 W	≤ 3.5 W
Operating temperature			from - 5° C to + 55° C	from - 5° C to + 55° C	from - 5° C to + 55° C	from - 5° C to + 55° C	from - 5° C to + 55° C
Storage temperature			from - 25° C to + 70° C	from - 25° C to + 70° C	from - 25° C to + 70° C	from - 25° C to + 70° C	from - 25° C to + 70° C

1: except for Cat.No 4 120 53 - 50 Hz only

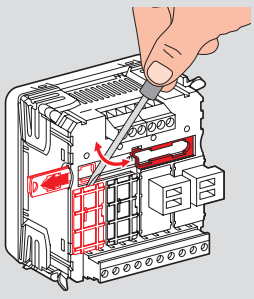
	EMDX³ Easy Connect measuring units	
	⎓ rail mounting	On dor
Cat.Nos	4 120 48	4 120 49
INPUT		
Connection type	3-3E / 3N3E	
Rated voltage	230 and 400 V (L-L)	
Voltage measurement	195…460 V	
Rated current	630/1600/3200/6300 A	
Maximum current	750/1950/3900/7500 A	
Minimum current	12.5/32.5/65/125 A	
Rated frequency	50/60 Hz	
Frequency range	45…65 Hz	
AUXILIARY POWER SUPPLY		
Rated value	self-powered (between all masurement lines)	
Voltage range	-	
Frequency	-	
Self-consumption	-	
FREQUENCY RANGE		
Accuracy in accordance with: EN/IEC 61557-12 ; EN/IEC 62053-21 ; EN/IEC 62053-23	- Voltage: cl.0.5 - Current: cl. 1 - Active energy: cl.1 - Reactive energy: cl.1 - Active power: cl.1	- Reactive power : cl.1 - Apparent power: cl.1 - Frequency: ± 0.1 Hz - THD cl.2
DISPLAY		
Display type	Backlit graphic LCD	
Digits height	2"	3.5"
MECHANICAL CHARACTERISTICS		
Case	4 modules DIN 43880 (35 mm)	flush-mounted (cutout 92x92 mm)
Door	-	96x96 mm
Material	self-extinguishing polycarbonate	
Protection index	IP20 terminals/ IP54 on door	
CONNECTION TYPE		
Voltage IN V1-V2-V3-N	Screws	
Voltage OUT N-V3-V2-V1	Screws	
Tariff	Screws	
Modbus	RJ 45	
Current	Easy connect	
CONDITIONS D'UTILISATION		
Operating temperature	- 20…60 °C	
Storage temperature	- 25…70 °C	
Suitable for use in tropical conditions	Yes	
Maximum dissipated power	≤ 5 W	
COMMUNICATION RS 485		
Protocol	MODBUS RTU/TCP	
Standard	RS485-3 wires	
Impedance	120 Ohm (menu-programmable connection)	
Transmission speed	4800…38400 bit/s to be selected	

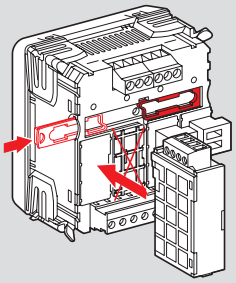
Maximum number of modules and installing position for multi-function measuring unit Cat.No 4 120 53

Cat.Nos	Designation	Max. number	EMDX³-Premium 4 120 53
4 120 55	RS 485 communication module	1	A
4 120 57	2 inputs / 2 outputs module	2	C, D
4 120 58	Temperature module	1	D
4 120 59	Pulse output module for energy count	2	A, B, C, D
4 120 60	2 analog outputs module	2	C, D



Fitting modules Cat.No 4 120 53

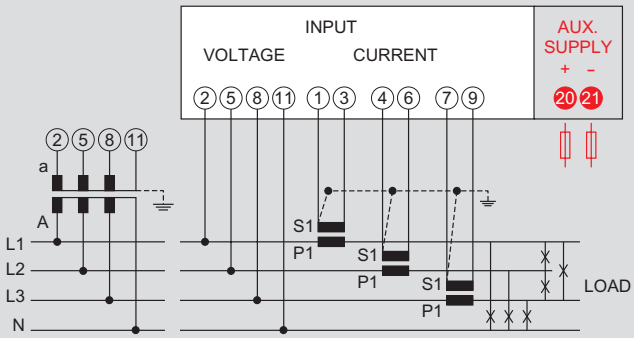




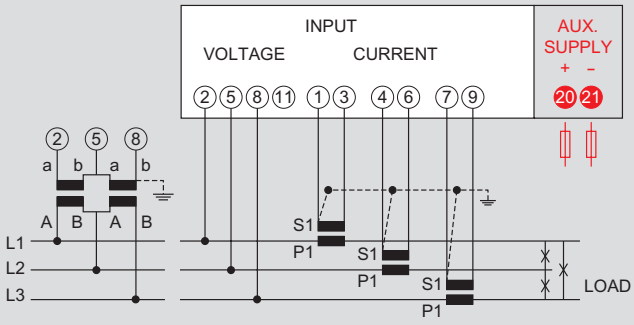
EMDX³ multi-function measuring units (continued)

Connection solutions

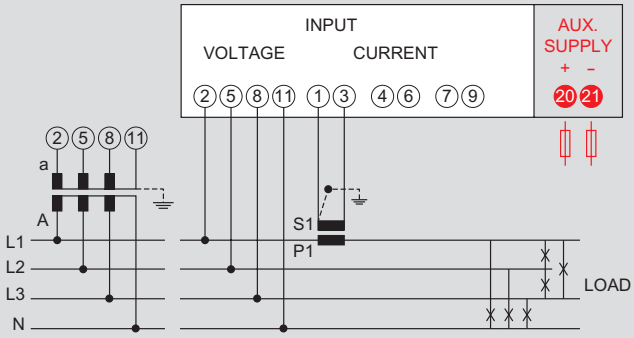
Unbalanced three-phase network (4-wire)



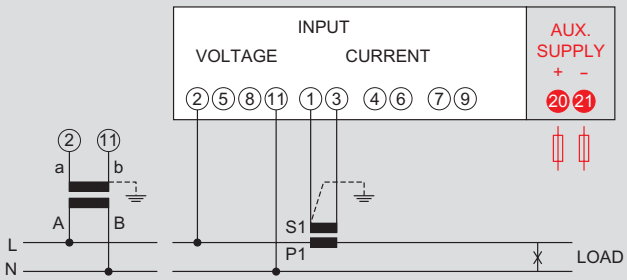
(3-wire)



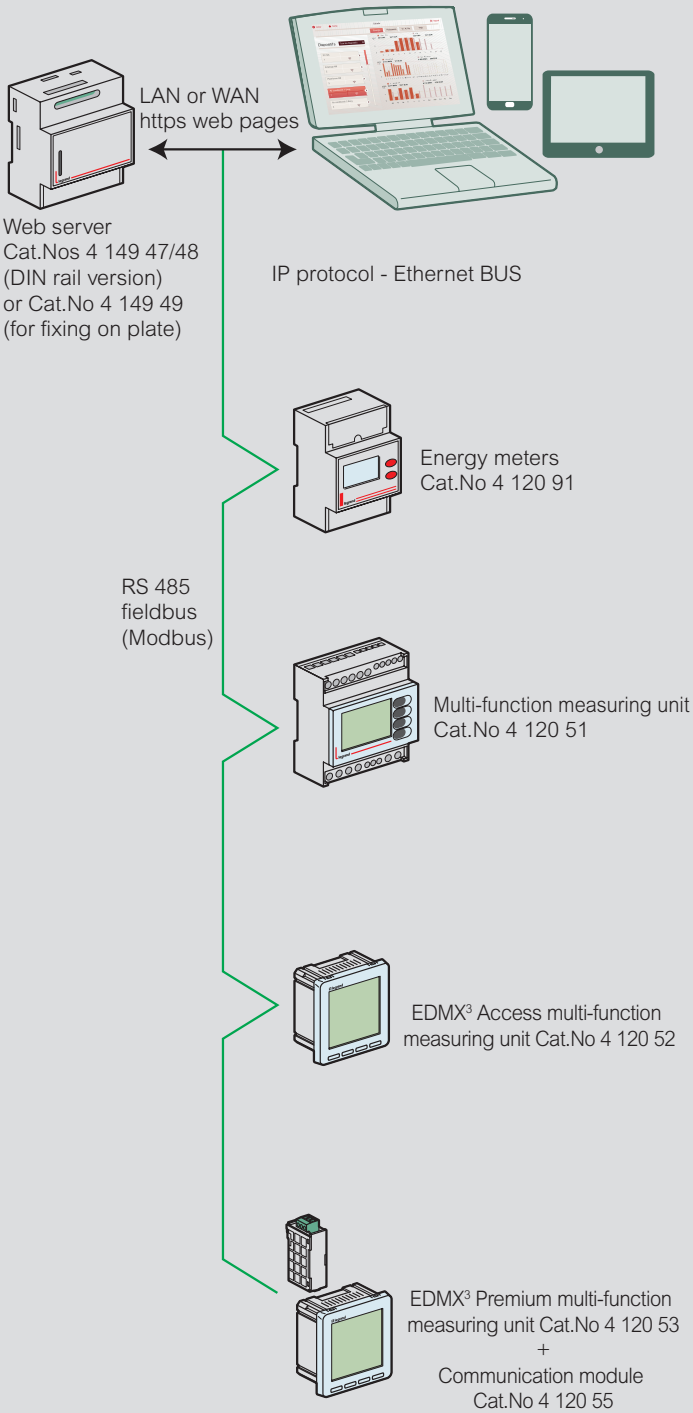
Balanced three-phase network (3-wire)



Single-phase network (2-wire)



Wiring example of communication network



PMX 1000 and PMX 4000

electrical energy metering devices

4 149 80

RoHS Compliance
Accuracy: IEC 62053-21 class 1
Volts & Amps: ± 1.0% of Rated Current.
Auto and Manual scrolling
Selectable: CT/PT ratios, CT Secondary 1 A/5 A, 3-Phase 4-Wire, 3-Phase 3-Wire and Single-phase configuration
Suitable for 50/60 Hz
Low burden < 0.2 VA per phase Volts & Amps
Average & Phase wise measurements
Password protection

Pack	Cat.Nos	**PMX 1000 electrical energy metering devices**
		True RMS measurement Control power supply 80-300 V~, 40-70 Hz 7 Segment LED display with four digit resolution
		Ammeters
1	4 149 75	PMX 1100 single-phase ammeter
1	4 149 77	PMX 1103 three-phase ammeter
		Voltmeters
1	4 149 76	PMX 1200 single-phase voltmeter
1	4 149 78	PMX 1203 three-phase voltmeter and frequency meter

Pack	Cat.Nos	**PMX 4000 multi-function measuring units**
		Displays: - Current (A), line to neutral & line to line, - Voltages (V), - Frequency (Hz) - Power factor (VA & PF - Phase Wise & Average) - ON Hours True RMS measurement with simulations sampling of current & voltage 3-row display with LED status for different parameter selection Universal control power supply 80-300 V~ and ⎓, 40-70 Hz
1	4 149 79	Three-phase multifunction measuring unit
1	4 149 80	Three-phase multifunction measuring unit with RS 485 communication interface (compatible with SCADA energy management system, Modbus RTU protocol)

PMX 1000 and PMX 4000

technical characteristics

PMX 1000

Cat.Nos 4 149 75/76/77/78

Bezel Dimension	96 x 96 mm
Panel Cutout	90 x 90 mm
Depth	50 mm
Accuracy	Class 1.0 as per IEC 62053-21
Sensing/ Measurement	True RMS, 1 Sec update time
Input Voltage	4 Voltage inputs (VR, VY, VB, VN); Programmable 110 or 415 LL Nominal (Range 80 – 550 V LL) Primary Programmable up to 999 kV Burden: 0.2 VA Max. per phase
Input Current	Current inputs (AR, AY, AB) 50 mA – 6 A Field Selectable 1 A or 5 A Primary Programmable upto 99 kA Overload: 10 A max continuous, 50 A max for 3 sec Burden: 0.2 VA Max. per phase
Aux Supply (Control Power)	80-300 V~, 40-70 Hz Burden: 5 VA Max
Display resolution	4 digits display with 14 mm height
Temperature	Operating: -10 °C to +55 °C Storage: -25 °C to +70 °C
Humidity	5% to 95% (noncondensing)
IP	IP 54 from front
Pollution Degree	2
Connection	2.5 mm² with cable ferrule
Weight	Unpacked: 0.3 kg Packed: 0.4 kg

PMX 4000

Cat.Nos 4 149 79/80

Bezel Dimension	96 x 96 mm
Panel Cutout	90 x 90 mm
Depth	50 mm
Accuracy	Class 1.0 as per IEC 62053-21
Sensing/ Measurement	True RMS, 1 Sec update time
Input Voltage	4 Voltage inputs (VR, VY, VB, VN); Programmable 110 or 415 LL Nominal (Range 80 – 550 V LL) Primary Programmable up to 999 kV Burden: 0.2 VA Max. per phase
Input Current	Current inputs (AR, AY, AB) 50 mA – 6 A Field Selectable 1 A or 5 A Primary Programmable upto 99 kA Overload: 10 A max continuous, 50 A max for 3 sec Burden: 0.2 VA Max. per phase
Aux Supply (Control Power)	Universal, 80 - 300 V~ and ⎓, 40-70 Hz Burden: 5 VA Max
Display resolution	3-row, 4 digits display with 10 mm height
Temperature	Operating: -10 °C to +55 °C Storage: -25 °C to +70 °C
Humidity	5% to 95% (noncondensing)
IP	IP 54 from front
Pollution Degree	2
Communication	RS485 serial channel connection, Industry standard Modbus RTU protocol. Baud Rate: 4800 bps to 19200 bps (Preferred 9600 bps.) Isolation: 2000 V~ isolation for 1 minute between communication and other circuits
Connection	2.5 mm² with cable ferrule
Weight	Unpacked: 0.3 kg Packed: 0.4 kg

PMX 5000 and PMX 6000

smart energy meters and dual source meters

4 149 82

RoHS Compliance
Bright LED display
Auto scaling capability in adjustment of Kilo, Mega, Giga
Positive energy accumulation even with CT polarity reversal with reverse lock program
Selectable: CT/PT ratios, CT Secondary 1 A/5 A,
Universal control power supply 80-300 V~ and ⎓, 40-70 Hz
Password protection

Pack	Cat.Nos	**PMX 5000 smart energy meters**
		Displays: - Active power (W) - Active / apparent energy consumption (kWh / kVAh) - Power factor Old Energy register for back up of last cleared energy values Accuracy: IEC 62053-21 class 1
1	4 149 81	PMX 5000 smart energy meter
1	4 149 82	PMX 5000 smart energy meter with RS 485 communication interface (compatible with SCADA energy management system, Modbus RTU protocol)
1	4 149 83	PMX 5000 smart energy meter with pulse output
		PMX 6000 dual source meter
		Displays: - Voltages (V), line to neutral & line to line - Current (A) (Average & Phase Wise) - Frequency (Hz) - Active power (W) - Power factor (Average & Phase Wise) - Active energy consumption (Wh) - Load Hours, Run Hours, Old Wh, Old Load Hours for both EB & DG DG Sensing input - 230 V~ Equipped with RS 485 communication interface (compatible with SCADA energy management system, Modbus RTU protocol)
1	4 149 84	Accuracy: IEC 62053-21 class 1
1	4 149 85	Accuracy: IEC 62053-22 class 0.5

PMX 5000 and PMX 6000

technical characteristics

PMX 5000

Cat.Nos 4 149 81/82/83

Bezel Dimension	96 x 96 mm
Panel Cutout	90 x 90 mm
Depth	50 mm
Accuracy	Class 1.0 as per IEC 62053-21
Sensing/ Measurement	True RMS, 1 Sec update time
Input Voltage	4 Voltage inputs (VR, VY, VB, VN); Programmable 110 or 415 LL Nominal (Range 50 – 550 V LL) Primary Programmable up to 999 kV Burden: 0.2 VA Max. per phase
Input Current	Current inputs (AR, AY, AB) 500 mA – 6 A Field Selectable 1 A or 5 A Primary Programmable upto 99 kA Overload: 10 A max continuous, 50 A max for 3 sec Burden: 0.2 VA Max. per phase
Input frequency	46- 65 HZ
Aux Supply (Control Power)	Universal, 80-300 V~ / ⎓, 40-70 Hz Burden: 5 VA Max
Display resolution	6 digits display with 10 mm height
Temperature	Operating: -10 °C to +55 °C Storage: -25 °C to +70 °C
Humidity	5% to 95% (noncondensing)
IP	IP 54 from front
Pollution Degree	2
Communication	RS485 serial channel connection Modbus RTU protocol. Baud Rate: 4800 bps to 19200 bps. (Preferred 9600 bps) Isolation: 2000 V~ isolation for 1 minute between communication and other circuits
Pulse output	1200
Connection	2.5 mm² with cable ferrule
Weight	Unpacked: 0.3 kg Packed: 0.4 kg

PMX 6000

Cat.Nos 4 149 84/85

Bezel Dimension	96 x 96 mm
Panel Cutout	90 x 90 mm
Depth	50 mm
Accuracy	Class 1.0 as per IEC 62053-21
Sensing/ Measurement	True RMS, 1 Sec update time
Input Voltage	4 Voltage inputs (VR, VY, VB, VN); Programmable 110 or 415 LL Nominal (Range 80 – 550 V LL) Primary Programmable up to 999 kV Burden: 0.2 VA Max. per phase
Input Current	Current inputs (AR, AY, AB) 500 mA – 6 A Field Selectable 1 A or 5 A Primary Programmable upto 99 kA Overload: 10 A max continuous, 50 A max for 3 sec Burden: 0.2 VA Max. per phase
Input frequency	46- 65 HZ
Aux Supply (Control Power)	Universal, 80-300 V~ and ⎓, 40-70 Hz Burden: 5 VA Max
Display resolution	6 digits display with 10 mm height
Temperature	Operating: -10 °C to +55 °C Storage: -25 °C to +70 °C
Humidity	5% to 95% (noncondensing)
IP	IP 54 from front
Pollution Degree	2
Communication	RS485 serial channel connection, Industry standard Modbus RTU protocol. Baud Rate: 4800 bps to 19200 bps (Preferred 9600 bps) Isolation: 2000 V~ isolation for 1 minute between communication and other circuits
Connection	2.5 mm² with cable ferrule
Weight	Unpacked: 0.3 kg Packed: 0.4 kg

Red catalogue numbers: New products

PMX 7000 and PMX 7400

multi-function energy meters

4 149 92

RoHS Compliance
Bright LED display
Auto scaling capability in adjustment of Kilo, Mega, Giga
Positive energy accumulation even with CT polarity reversal with reverse lock program
Selectable: CT/PT ratios, CT Secondary 1 A/5 A,
Universal control power supply 80-300 V~ and ⎓, 40-70 Hz
Password protection

Pack	Cat.Nos	**PMX 7000 multi-function energy meters**
		Displays: - Voltages (V), line to neutral & line to line - Current (A) (Average & Phase Wise) - Frequency (Hz) - Active / apparent power (W / VA) - Power factor (Average & Phase Wise) - Active energy consumption (Wh) - Load Hours, Run Hours, Old Wh, Old Load Hours Accuracy: IEC 62053-21 class 1
1	4 149 90	PMX 7000 multi-function energy meter with RS 485 communication interface (compatible with SCADA energy management system, Modbus RTU protocol
1	4 149 91	PMX 7300 multi-function energy meter
1	4 149 92	PMX 7300 multi-function energy meter with RS 485 communication interface (compatible with SCADA energy management system, Modbus RTU protocol

Pack	Cat.Nos	**PMX 7400 multi-function energy meters, load managers and demand monitos**
		Advanced multi-function meter with: High/Low recording of: - Voltages (V), line to neutral & line to line - Current (A) - Frequency (Hz) - Power factor - Reactive energy (VAr) with time stamp - Voltage & Current THD (Total Harmonics Distortion) with Individual harmonics up to 31st order - K-factor voltage & current to keep check on the losses due to harmonic load currents & their effects on transformer heating Load manager with demand monitoring RTC based Demand management Import/Export/Net monitoring of energy consumption: Wh, VAh, VArh Load hours Equipped with RS 485 communication interface (compatible with SCADA energy management system, Modbus RTU protocol) Byte order option – Field Programmable Float / Little-Endian / Big-Endian data formats
1	4 149 93	PMX 7400 multifunction energy meter Accuracy: IEC 62053-21 class 1
1	4 149 94	PMX 7400 multifunction energy meter Accuracy: IEC 62053-22 class 0.5
1	4 149 95	PMX 7410 multifunction energy meter + demand monitoring Accuracy: IEC 62053-21 class 1
1	4 149 96	PMX 7420 multifunction energy meter + THD with individual harmonics + demand monitoring + import / export function Accuracy: IEC 62053-21 class 1
1	4 149 97	PMX 7420 multifunction energy meter + THD with individual harmonics demand monitoring + import / export function Accuracy: IEC 62053-22 class 0.5

PMX 7000 and PMX 7400

technical characteristics

PMX 7000

Cat.Nos 4 149 90/91/92

Bezel Dimension	96 x 96 mm
Panel Cutout	90 x 90 mm
Depth	50 mm
Accuracy	Class 1.0 as per IEC 62053-21
Sensing/ Measurement	True RMS, 1 Sec update time
Input Voltage	4 Voltage inputs (VR, VY, VB, VN); Programmable 110 or 415 LL Nominal (Range 50 – 550 V LL) Primary Programmable up to 999 kV Burden: 0.2 VA Max. per phase
Input Current	Current inputs (AR, AY, AB) 500 mA – 6 A Field Selectable 1 A or 5 A Primary Programmable upto 99 kA Overload: 10 A max continuous, 50 A max for 3 sec Burden: 0.2 VA Max. per phase
Input frequency	46- 65 HZ
Aux Supply (Control Power)	Universal, 80-300 V~ / ⎓, 40-70 Hz Burden: 5 VA Max
Display resolution	6 digits display with 10 mm height
Temperature	Operating: -10 °C to +55 °C Storage: -25 °C to +70 °C
Humidity	5% to 95% (noncondensing)
IP	IP 54 from front
Pollution Degree	2
Communication	RS485 serial channel connection Modbus RTU protocol. Baud Rate: 4800 bps to 19200 bps. (Preferred 9600 bps) Isolation: 2000 V~ isolation for 1 minute between communication and other circuits
Pulse output	1200
Connection	2.5 mm² with cable ferrule
Weight	Unpacked: 0.3 kg Packed: 0.4 kg

PMX 7400

Cat.Nos 4 149 93/94/95/96/97

Bezel Dimension	96 x 96 mm
Panel Cutout	90 x 90 mm
Depth	50 mm
Accuracy	Class 1.0 as per IEC 62053-21
Sensing/ Measurement	TTrue RMS, 1 Sec update time, 4 Quadrant Power & Energy
Input Voltage	4 Voltage inputs (VR, VY, VB, VN); Programmable 110 or 415 LL Nominal (Range 50 – 550 V LL) Primary Programmable up to 999 kV Burden: 0.2 VA Max. per phase
Input Current	Current inputs (AR, AY, AB) 500 mA – 6 A Field Selectable 1 A or 5 A Primary Programmable upto 99 kA Overload: 10 A max continuous, 50 A max for 3 sec Burden: 0.2 VA Max. per phase
Input frequency	46- 65 HZ
Aux Supply (Control Power)	Universal, 80-300 V~and ⎓, 40-70 Hz Burden: 5 VA Max
Display resolution	6 digits display with 10 mm height
Temperature	Operating: -10 °C to +55 °C Storage: -25 °C to +70 °C
Humidity	5% to 95% (noncondensing)
IP	IP 54 from front
Pollution Degree	2
Communication	RS485 serial channel connection, Industry standard Modbus RTU protocol. Baud Rate: 4800 bps to 19200 bps (Preferred 9600 bps) Isolation: 2000 V~ isolation for 1 minute between communication and other circuits
Connection	2.5 mm² with cable ferrule
Weight	Unpacked: 0.3 kg Packed: 0.4 kg

Red catalogue numbers: New products

PMX 8000

advanced demand controller

4 149 98

RoHS Compliance
Accuracy: IEC 62053-21 class 1
Bright LED display
Auto scaling capability in adjustment of Kilo, Mega, Giga
Positive energy accumulation even with CT polarity reversal with reverse lock program
Selectable: CT/PT ratios, CT Secondary 1 A/5 A,
Universal control power supply 80-300 V~ and ⎓, 40-70 Hz
Password protection

Pack	Cat.Nos	**PMX 8000 demand controller**
1	4 149 98	Demand controller with 4-relay input High memory data logger (8 Mb) for storing multiple parameters Predictive demand with date & time stamping Displays full range of parameters: - Voltage & Current THD (total harmonics distortion) with Individual harmonics up to 31st order - K-factor voltage & current to keep check on the losses due to harmonic load currents & their effects on transformer heating - High/Low recording of voltages (V), line to neutral & line to line, current (A), frequency (Hz), power factor, reactive power (VAr) with time stamp RTC based Demand management Import/Export/Net monitoring of energy consumption Wh, VAh, VArh Load hours PMX 8000 bidirectional demand controller with data logger and RS 485 communication interface (compatible with SCADA energy management system, Modbus RTU protocol) Byte order option – Field Programmable Float / Little-Endian / Big-Endian data formats

PMX 8000

technical characteristics

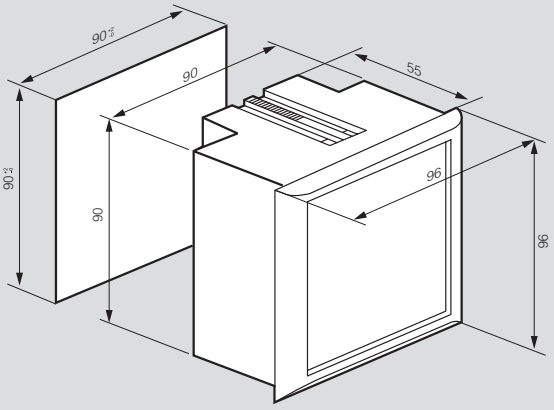
PMX 8000

Cat.No 4 149 98

Bezel Dimension	96 x 96 mm
Panel Cutout	90 x 90 mm
Depth	50 mm
Accuracy	Class 1.0 as per IEC 62053-21
Sensing/ Measurement	True RMS, 1 Sec update time 4 Quadrant Power & Energy
Input Voltage	4 Voltage inputs (VR, VY, VB, VN); Programmable 110 or 415 LL Nominal (Range 50 – 550 V LL) Primary Programmable up to 999 kV Burden: 0.2 VA Max. per phase
Input Current	Current inputs (AR, AY, AB) 500 mA – 6 A Field Selectable 1 A or 5 A Primary Programmable upto 99 kA Overload: 10 A max continuous, 50 A max for 3 sec Burden: 0.2 VA Max. per phase
Input frequency	46- 65 HZ
Aux Supply (Control Power)	Universal, 80-300 V~ / ⎓, 40-70 Hz Burden: 5 VA Max
Display resolution	4-row, 6 digits display with 10 mm height
Temperature	Operating: -10 °C to +55 °C Storage: -25 °C to +70 °C
Humidity	5% to 95% (noncondensing)
IP	IP 54 from front
Pollution Degree	2
Communication	RS485 serial channel connection Modbus RTU protocol. Baud Rate: 4800 bps to 19200 bps. (Preferred 9600 bps) Isolation: 2000 V~ isolation for 1 minute between communication and other circuits
Connection	2.5 mm² with cable ferrule
Weight	Unpacked: 0.3 kg Packed: 0.4 kg

Dimensions

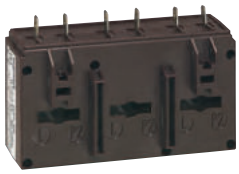
Cat.Nos 4 149 75/76/77/78/79/80/81/82/83/84/85 and
4 149 90/91/92/93/94/95/96/97/98



Red catalogue numbers: New products

Current transformers (CT)

4 121 42



4 121 58

4 121 62

Technical characteristics **p. 128**

Single-phase solid core current transformers

Used with ammeters, electricity meters or multi-function measuring units
Current at the secondary: 5 A
Can be fixed on plate, EN 60715 ⊔ rail Cat.No 4 121 01/02/03/04/05/06/07, or bars
Secondary connected by terminals or lugs
Precision class: 0,5 % (1 % for Cat.No 4 121 01/02)

Pack	Cat.Nos	Transformation ratio	Output (VA)
		For 16 x 12,5 mm bar or ∅21 mm cable	
1	4 121 01	50/5	1,25
1	4 121 02	75/5	1,5
1	4 121 03	100/5	2
1	4 121 04	125/5	2,5
1	4 121 05	160/5	3
1	4 121 06	200/5	4
1	4 121 07	250/5	5
		For 32,5 x 10,5 and 25,5 x 15,5 mm bars or ∅27 mm cable	
1	4 121 12	400/5	10
1	4 121 14	600/5	12
		For 40,5 x 12,5 and 32,5 x 15,5 mm bars or ∅26 mm cable	
1	4 121 16	250/5	3
1	4 121 17	400/5	6
1	4 121 19	700/5	8
		For 40,5 x 10,5, 32,5 x 20,5 and 25,5 x 25,5 mm bars or ∅32 mm cable	
1	4 121 23	250/5	3
1	4 121 24	300/5	5
1	4 121 25	400/5	8
1	4 121 26	600/5	12
		For 50,5 x 12,5 and 40,5 x 20,5 mm bars or ∅40 mm cable	
1	4 121 31	700/5	8
1	4 121 32	800/5	8
1	4 121 33	1000/5	10
		For 65 x 32 mm bar	
1	4 121 36	600/5	8
1	4 121 38	800/5	12
1	4 121 39	1000/5	15
		For 84 x 34 mm bar	
1	4 121 42	1250/5	12
		For 127 x 38 mm bar	
1	4 121 46	1600/5	10
1	4 121 47	2000/5	15
1	4 121 49	3200/5	25
		For 127 x 54 mm bar	
1	4 121 50	1600/5	20
1	4 121 51	2000/5	25
1	4 121 52	2500/5	30
1	4 121 53	3200/5	30
1	4 121 54	4000/5	30

Three-phase solid core current transformers

Used with ammeters, electricity meters or multi-function measuring units
Current at the secondary: 5 A
For fixing directly on bars
Secondary connected by terminals or lugs
Precision class: 1 %

Pack	Cat.Nos	Transformation ratio	Output (VA)
		For three 20,5 x 5,5 mm bars	
1	4 121 57	250/5	3
		For three 30,5 x 5,5 mm bars	
1	4 121 58	400/5	4

Single-phase split-core current transformers

Used with ammeters, electricity meters or multi-function measuring units
Current at the secondary: 5 A
For fixing directly on bars
Secondary connected by terminals or lugs
Precision class: 0,5 %

Pack	Cat.Nos	Transformation ratio	Output (VA)
		For 50 x 80 mm bar	
1	4 121 62	400/5	1,5
1	4 121 63	750/5	3
		For 80 x 120 mm bar	
1	4 121 64	1000/5	5
1	4 121 65	1500/5	8
		For 80 x 160 mm bar	
1	4 121 66	2000/5	15
1	4 121 67	2500/5	15
1	4 121 68	3000/5	20
1	4 121 69	4000/5	20

Viking 3 disconnector block for measurement - 1 connection

With its accessories, allows intervention (measurement, maintenance, etc) on a current, voltage and power measuring circuit by keeping the current transformer secondary circuit closed

Pack	Cat.Nos	Colour	Nominal cross section (mm^2)	Capacity: Rigid wire (mm^2)	Capacity: Flexible wire (mm^2)	Pitch (mm^2)
25	0 371 92	Grey	4	0.25 to 4	0.25 to 4	8

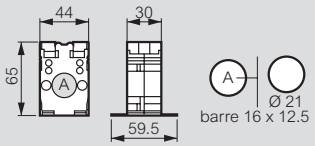
Current transformers (CT)

technical characteristics

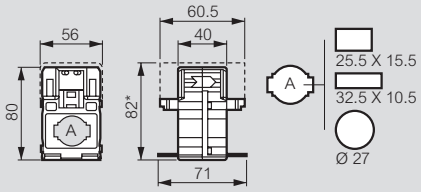
Dimensions

Single-phase solid core current transformers

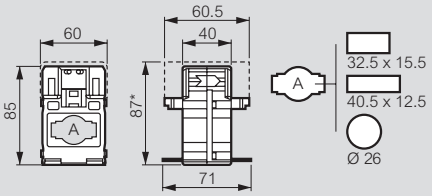
Cat.Nos 4 121 01/02/03/04/05/06/07



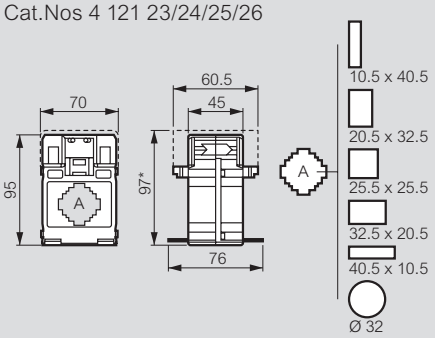
Cat.Nos 4 121 12/14



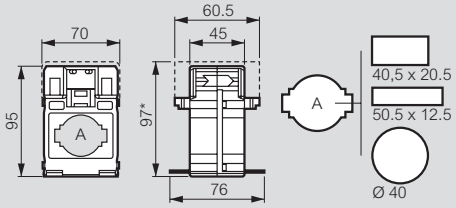
Cat.Nos 4 121 16/17/19



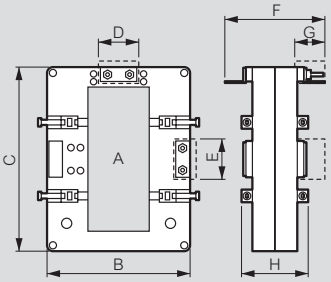
Cat.Nos 4 121 23/24/25/26



Cat.Nos 4 121 31/32/33

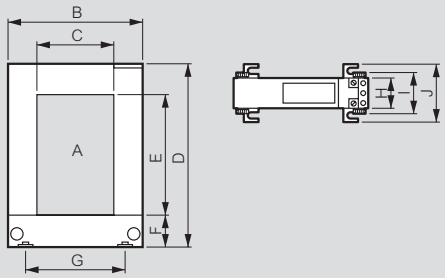


Cat.Nos 4 121 36/38/39/42/46/47/49/50/51/52/53/54



Cat.Nos	A	B	C	D	E	F	G	H
4 121 36/38/39	32 x 65	90	94	33,5	33,5	90	25	40
4 121 42	34 x 84	96	116	33,5	33,5	87	25	40
4 121 46/47/49	38 x 127	99	160	33,5	33,5	87	25	58
4 121 50/51/52/53/54	54 x 127	125	160	33,5	33,5	87	25	40

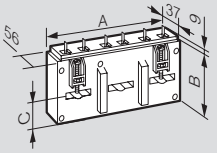
Single-phase split core current transformers



Cat.Nos	A	B	C	D	E	F	G	H	I	J
4 121 62/63	50 x 80	114	50	145	80	33	78	32	46	69
4 121 64/65	80 x 120	144	80	185	121	32	108	32	46	69
4 121 66/67/68/69	80 x 160	184	80	245	160	38	120	32	46	69

Three-phase solid core current transformers

Cat.No 4 121 57 for three 20,5 x 5,5 mm bars
Cat.No 4 121 58 for three 30,5 x 5,5 mm bars
For fixing directly on bars



Cat.Nos	A	B	C
4 121 57	107	58,5	25
4 121 58	135	66,5	30

Maximum cable length between current transformers (CT) and meters

Size (A)	Cat.Nos	Max. output		Maximum cable length between current transformers & meters (m)		
		Class 0,5 (VA)	Class 1 (VA)	Cable 1,5mm²	Cable 2,5mm²	Cable 6mm²
50	4 121 01		1,25	1,1	1,8	4,4
75	4 121 02		1,5	1,5	2,4	5,9
100	4 121 03	2		2,2	3,7	8,9
125	4 121 04	2,5		2,9	4,9	11,8
160	4 121 05	3		3,7	6,1	14,8
200	4 121 06	4		5,1	8,5	20,7
250	4 121 07	5		6,6	11,0	26,6
400	4 121 12	10		13,9	23,2	56,2
600	4 121 14	12		16,8	28,1	68,1
250	4 121 16	3		3,7	6,1	14,8
400	4 121 17	6		8,0	13,4	32,6
700	4 121 19	8		11,0	18,3	44,4
250	4 121 23	3		3,7	6,1	14,8
300	4 121 24	5		6,6	11,0	26,6
400	4 121 25	8		11,0	18,3	44,4
600	4 121 26	12		16,8	28,1	68,1
700	4 121 31	8		11,0	18,3	44,4
800	4 121 32	8		11,0	18,3	44,4
1000	4 121 33	10		13,9	23,2	56,2
600	4 121 36	8		11,0	18,3	44,4
800	4 121 38	12		16,8	28,1	68,1
1000	4 121 39	15		21,2	35,4	85,8
1250	4 121 42	12		16,8	28,1	68,1
1600	4 121 46	10		13,9	23,2	56,2
2000	412 147	15		21,2	35,4	85,8
3200	4 121 49	25		35,8	59,8	145,0
1600	4 121 50	20		28,5	47,6	115,4
2000	4 121 51	25		35,8	59,8	145,0
2500	4 121 52	30		43,1	72,0	174,6
3200	4 121 53	30		43,1	72,0	174,6
4000	4 121 54	30		43,1	72,0	174,6
3 X 250	4 121 57		3	3,7	6,1	14,8
3 X 400	4 121 58		4	5,1	8,5	20,7
400	4 121 62	1,5		1,5	2,4	5,9
750	4 121 63	3		3,7	6,1	14,8
1000	4 121 64	5		6,6	11,0	26,6
1500	4 121 65	8		11,0	18,3	44,4
2000	4 121 66	15		21,2	35,4	85,8
2500	4 121 67	15		21,2	35,4	85,8
3000	4 121 68	20		28,5	47,6	115,4
4000	4 121 69	20		28,5	47,6	115,4

Electrical energy metering on rail

0 046 02

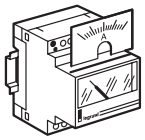
0 046 00

0 046 63

Dimensions **p. 130**

Analogue metering devices

Pack	Cat.Nos		Number of modules
		Ammeters Measure the intensity in Amperes (A) of the current circulating in an electrical circuit	
1	0 046 02	Direct connection AC or DC Scale: 0 - 30 A - supplied with dial	4
1	0 046 00	Connected via a 0 - 5 A output current transformer (CT)	4
		Measuring dials for ammeter Cat.No 0 046 00	
2	0 046 10	0-50 A	
2	0 046 13	0-100 A	
2	0 046 15	0-200 A	
2	0 046 16	0-250 A	
2	0 046 17	0-300 A	
2	0 046 18	0-400 A	
2	0 046 20	0-600 A	
2	0 046 21	0-800 A	
2	0 046 22	0-1000 A	
2	0 046 66	0-1250 A	
2	0 046 24	0-1500 A	
2	0 046 25	0-2000 A	



Digital ammeter / voltmeter

Pack	Cat.Nos		Number of modules
1	0 046 63	- Ammeter mode: connected via a 0 - 5 A current transformer (CT) Reading range adjusted according to CT used - Voltmeter mode: measures the AC or DC voltage of an electrical circuit; scale 0 - 600 V Voltage: 230 V∿ - 50/60 Hz Reading: I - 0 to 8000 A U - 0 to 500 V	4

Selective measurement switches

Pack	Cat.Nos		Number of modules
		For manual selection of the circuits to be measured	
		Ammeter cam switch For measuring the current in a circuit with one ammeter, connected via a current transformer (CT)	
1	0 046 50	3-phase, 4-position cam switch	3
		Voltmeter cam switches For measuring the voltages in a circuit with one voltmeter	
1	0 046 52	3-phase, 4-position cam switch	3
1	0 046 53	3-phase with neutral, 7-position cam switch	3

Digital frequency meter

Pack	Cat.Nos		Number of modules
		For measuring the frequency of a 230 V∿ electrical circuit in hertz (Hz) Supply voltage 230 V∿ (connected to circuit to be measured)	
1	0 046 64	Green LED 3 digit display - 40-80 Hz display	4

Totalising hour counters

Pack	Cat.Nos		Number of modules
		Count the operating hours of a machine or an electrical device to determine its exact operating time Counter with numerical display Capacity: 5 digits + 2 decimal places (1 unit = 1 hour) Precision: 1/100th hour Consumption: 0.2 VA	
1	0 046 94	230 V∿ - 50 Hz	2
1	0 046 91	24 V∿ - 50 Hz	2

Current transformers (CT)
p. 127

0 146 00 + 0 146 16

0 146 61

0 495 55

Ammeters, voltmeters, totalising, can be mounted on XL³ 800 and XL³ 4000 curved doors

Pack	Cat.Nos	Analogue metering devices
		Ammeters
		Measure the intensity in amperes (A) of the current
		Connected via a 0 - 5 A output current transformer (CT)
		To be fitted with a measuring dial appropriate for the current to be measured
1	0 146 00	Round barrel Ø56 mm
1	0 146 01	Square barrel 68 x 68 mm
		Measuring dial for ammeters
		Supplied by set of 2 (1 for round barrel, 1 for square barrel)
1	0 146 10	0 - 50 A
1	0 146 13	0 - 100 A
1	0 146 15	0 - 200 A
1	0 146 16	0 - 250 A
1	0 146 17	0 - 300 A
1	0 146 18	0 - 400 A
1	0 146 20	0 - 600 A
1	0 146 21	0 - 800 A
1	0 146 22	0 - 1000 A
1	0 146 66	0 - 1250 A
1	0 146 24	0 - 1500 A
1	0 146 25	0 - 2000 A
1	0 146 26	0 - 2500 A
1	0 146 28	0 - 4000 A
		Voltmeters
		Measure the voltage in volts (V) AC ou DC
		Scale: 0 - 500 V
1	0 146 60	Round barrel Ø56 mm
1	0 146 61	Square barrel 68 x 68 mm
		Totalising hour counters (48 x 48)
		One-piece device - IP 40
		Front mounting on enclosure or cabinet doors
		Synchronous motor operation (operation indicator)
		For counting the operating hours of an electrical machine or device, with no reset
		Supplied with cover frame (55 x 55 mm) (for round cut-out) and fixing accessories
		Connection: 2 x 1.5 mm²
1	0 495 52	24 V∿ - 50 Hz
1	0 495 53	110 to 120 V∿ - 50 Hz
1	0 495 54	110 to 120 V∿ - 60 Hz
1	0 495 55	200 to 240 V∿ - 50 Hz
1	0 495 58	48 V∿ - 50 Hz
1	0 495 59	400 V∿ - 50 Hz
1	0 495 60	12 to 36 V⎓
100	0 495 97	Frame 55 x 55 mm

Metering devices on rail

Technical characteristics

Analogue ammeters

Type of measurement	Analogue Ferromagnetic	
Frequency	50 to 60 Hz	
Precision	1.5 %	
Operating temperature	- 10 °C to + 40 °C	
Storage temperature	- 20 °C to + 80 °C	
Consumption:		
• voltage circuit	-	
• measurement circuit	1.1 VA	
Connection capacity	Direct	Par TI
	6 mm²	4 mm²
Conformity to standards	NF EN 61010-1	

Analogue Voltmeters

Type of measurement	Analogue Ferromagnetic integration
Frequency	50 to 60 Hz
Precision	1.5 %
Operating temperature	- 10°C to + 40°C
Storage temperature	- 20°C to + 80°C
Consumption	3 VA
Connection capacity	2 x 2.5 mm²
Conformity to standards	NF EN 61010-1

Digital frequency meter

Type of measurement	Quartz electronic
Precision	± 0.2 % for ± 1 digit
Operating temperature	- 10°C to + 40°C
Storage temperature	- 20°C to + 70°C
Consumption	4.5 VA
Connection capacity	2 x 2.5 mm²
Conformity to standards	NF EN 61010-1

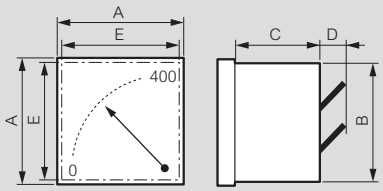
Analogue metering devices on door

Technical characteristics

Frequency: 50/60 Hz
Precision class: 1.5 %
Operating temperature: - 10 °C to + 40 °C
Storage temperature: - 20 °C to + 80 °C
Consumption:
- ammeter: 1.1 VA
- voltmeter: 3 VA
Connection capacity: 2 x 2.5 mm² with screws or
Conform to IEC 60051, VDE 0410, BS 89,
EN 60051-1, cenelec HD 223

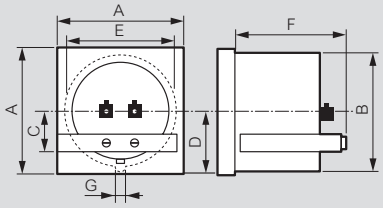
Dimensions

Cat.Nos 0 146 01/61



Dimensions (mm)				
A	B	C	D	E
72	66.5	44	12	68±0,7

Cat.Nos 0 146 00/60

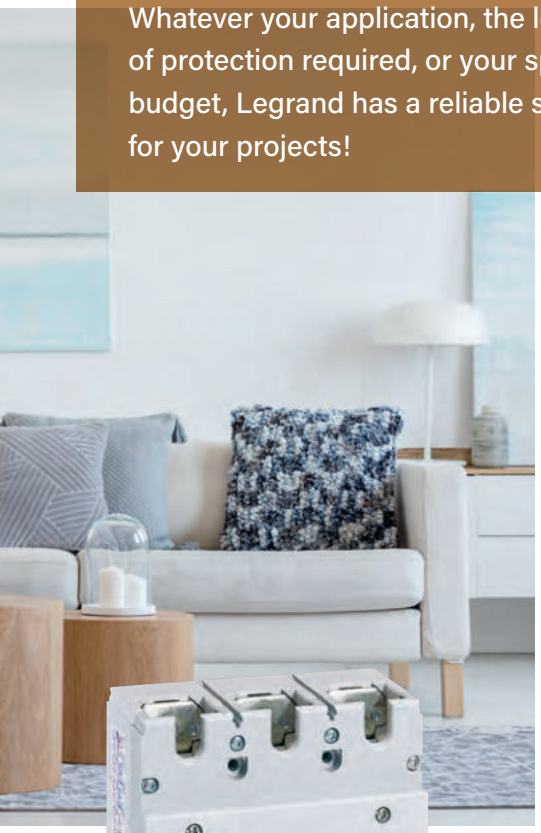


Dimensions (mm)						
A	B	C	D	E	F	G
72	ø55	21.4	28.5	56	46	3.2

THE MCCBs THAT EASILY FIT YOUR INSTALLATION

An enhanced offer

Whatever your application, the level of protection required, or your specific budget, Legrand has a reliable solution for your projects!



See p. 132-133

DRX 125 & DRX 250

- Designed for residential and commercial applications.
- For installations up to 250 A (breaking capacity ≤ 25 kA) with no specific constraints

See p. 134 and 146 to 149

DRX 125 HP, DRX 250 HP, DRX 630 fixed and adjustable

- Designed for residential, commercial or industrial applications.
- For installations up to 630 A (breaking capacity ≤ 50 kA) requiring a greater degree of flexibility in the choice of trip thresholds to provide more adaptable protection.

See p. 158 to 184

DPX³ 160, DPX³ 250, DPX³ 125 HP, DPX³ 160 HP, DPX³ 250 HP, DPX³ 630 and DPX³ 1600

- For installations up to 1600 A (breaking capacity ≤ 100 kA) requiring high-precision protection, excellent continuity of service, measurement of different electrical values and multiple configurations.
- Ensuring scalability and ease of maintenance

DRX™ 125

thermal magnetic MCCBs from 15 to 125 A

0 270 46

0 270 56

0 272 21

0 272 23

6 671 39

6 671 59

0 271 83

0 271 70

Dimensions and installation principle **p. 136**
Technical characteristics and curves **p. 138**

For switching, control, isolation and protection of low-voltage electrical lines
Can be fitted with auxiliaries (p. 133)
Supplied with:
- M5 terminal for In ≤ 50 A and M8 range for In > 50 A
- Fixing screws
- Insulating shields (2 for 3P and 3 for 4P)

Fixed thermal and magnetic
Conform to IEC 60947-2, in compliance with NEMA

DRX 125

Pack	Cat.Nos 3P	Cat.Nos 4P	In
			Breaking capacity Icu 10 kA (415 V~)
1	0 270 00	0 270 10	15 A
1	0 270 01	0 270 11	20 A
1	0 270 02	0 270 12	25 A
1	0 270 03	0 270 13	30 A
1	0 270 04	0 270 14	40 A
1	0 270 05	0 270 15	50 A
1	0 270 06	0 270 16	60 A
1	0 270 39	0 270 29	63 A
1	0 270 07	0 270 17	75 A
1	0 272 55	0 272 56	80 A
1	0 270 08	0 270 18	100 A
1	0 270 09	0 270 19	125 A
			Breaking capacity Icu 20 kA (415 V~)
			In
1	0 270 20	0 270 30	15 A
1	0 270 21	0 270 31	20 A
1	0 270 22	0 270 32	25 A
1	0 270 23	0 270 33	30 A
1	0 270 24	0 270 34	40 A
1	0 270 25	0 270 35	50 A
1	0 270 26	0 270 36	60 A
1	0 272 20	0 272 22	63 A
1	0 270 27	0 270 37	75 A
1	0 272 57	0 272 58	80 A
1	0 270 28	0 270 38	100 A
1	0 272 21	0 272 23	125 A

Pack	Cat.Nos 1P	In
		Breaking capacity Icu 25 kA (220/240 V~)
1	0 270 40	15 A
1	0 270 41	20 A
1	0 270 42	25 A
1	0 270 43	30 A
1	0 270 44	40 A
1	0 270 45	50 A
1	0 270 46	60 A
1	0 270 47	75 A
1	0 270 48	100 A

Pack	Cat.Nos 2P	In
		Breaking capacity Icu 36 kA (415 V~)
1	0 270 50	15 A
1	0 270 51	20 A
1	0 270 52	25 A
1	0 270 53	30 A
1	0 270 54	40 A
1	0 270 55	50 A
1	0 270 56	60 A
1	0 270 57	75 A
1	0 270 58	100 A

DRX-I 125

Pack	Cat.Nos 3P	Cat.Nos 4P	
			Trip-free switches for on-load circuit breaking and isolation of low voltage electrical circuits
1	6 671 39	6 671 59	125 A

Mounting on rail

Plates for fixing DRX 125 on DIN rail

20	0 271 89	For 1P
12	0 271 90	For 2P
6	0 271 87	For 3P and 4P

Rotary handles

Direct on DRX

1	0 271 76	Standard (grey)

Vari-depth handle

1	0 271 77	Comprising: connecting rod, bracket, drilling template, mounting accessories, door locking mechanism Standard (grey)

Connection accessories

Insulating shields
Used to isolate the connection between each pole

	3P	4P	
1	0 271 81		Set of 2
1		0 271 82	Set of 3

Sealable terminal shields

	2P	
1	0 271 91	Set of 2

	3P	4P	
1	0 271 83	0 271 84	Set of 2

Cage terminals

	3P	4P	
1	0 271 70	0 271 72	Up to 50 A (inclusive)
1	0 271 71	0 271 73	From 60 to 100 A
1	0 272 52	0 272 53	For 125 A
1	0 271 92		Set of 60 pieces up to 50 A (inclusive)
1	0 271 93		Set of 60 pieces from 60 to 100 A
1	0 272 54		Set of 60 pieces 125 A

Padlock for DRX 125 and 250

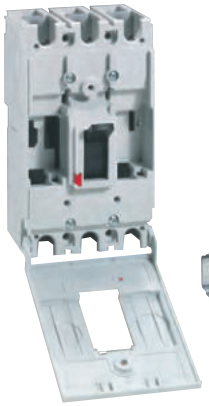
1	0 271 80	For locking on "OFF" position (up to 3 locks)

DRX™ 250

thermal magnetic MCCBs from 125 to 250 A

0 271 05

0 272 29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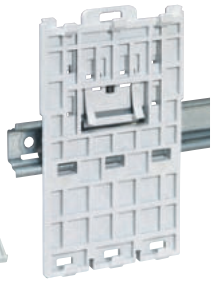
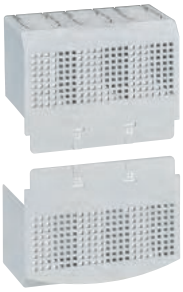

0 271 88

0 271 79

0 271 74

0 271 80


0 271 85

Dimensions and installation principle **p. 139**
Technical characteristics and curves **p. 141**

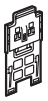
For switching, control, isolation and protection of low-voltage electrical lines
Can be fitted with auxiliaries
Supplied with:
- M8 terminals
- Fixing screws
- Insulating shields (2 for 3P and 3 for 4P)

Fixed thermal and magnetic
Conform to IEC 60947-2

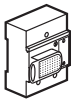
Pack	Cat.Nos 3P	Cat.Nos 4P	DRX 250
			Breaking capacity Icu 18 kA (415 V~)
			In
1	0 271 00	0 271 06	125 A
1	0 271 01	0 271 07	150 A
1	0 272 28	0 272 29	160 A
1	0 271 02	0 271 08	175 A
1	0 271 03	0 271 09	200 A
1	0 271 04	0 271 10	225 A
1	0 271 05	0 271 11	250 A
			Breaking capacity Icu 25 kA (415 V~)
			In
1	0 271 12	0 271 18	125 A
1	0 271 13	0 271 19	150 A
1	0 272 30	0 272 31	160 A
1	0 271 14	0 271 20	175 A
1	0 271 15	0 271 21	200 A
1	0 271 16	0 271 22	225 A
1	0 271 17	0 271 23	250 A

Pack	Cat.Nos	DRX-I 250
		Trip-free switches for on-load circuit breaking and isolation of low voltage electrical circuits
1	6 672 09 | 6 672 19	250 A

Pack	Cat.Nos	Mounting on rail ⎵
1	0 271 88	Plate for fixing DRX 250 on DIN rail



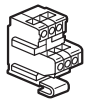
Pack	Cat.Nos	Rotary handles
		Direct on DRX
1	0 271 78	Standard (grey)
		Vari-depth handle
		Comprising: connecting rod, bracket, drilling template, mounting accessories, door locking mechanism
1	0 271 79	Standard (grey)



Pack	Cat.Nos 3P	Cat.Nos 4P	Connection accessories
			Insulating shields
			Used to isolate the connection between each pole
1	0 271 81		Set of 2
1		0 271 82	Set of 3
			Sealable terminal shields
1	0 271 85	0 271 86	Set of 2
			Cage terminals
1	0 271 74	0 271 75	Up to 250 A
1	0 271 94		Set of 60 pieces

Pack	Cat.Nos	Padlock for DRX 125, DRX 250, DRX 125 HP and DRX 250 HP
1	0 271 80	For locking on "OFF" position (up to 3 locks)

Pack	Cat.Nos	Control and signalling auxiliaries for DRX 125, DRX 250, DRX 125 HP and DRX 250 HP
		Auxiliary contact blocks
		For left-hand side mounting
		Up to 250 V~ and ⎓
1	0 271 40	Block with 1 auxiliary
1	0 271 41	Block with 1 alarm
1	0 271 42	Block with 1 auxiliary + 1 alarm
		Shunt trips
1	0 271 50	12 V~ and ⎓
1	0 271 51	24 V~ and ⎓
1	0 271 52	48 V~ and ⎓
1	0 271 53	100/130 V~
1	0 271 54	200/277 V~
1	0 271 55	380/480 V~
		Undervoltage releases
1	0 271 60	12 V~ and ⎓
1	0 271 61	24 V~ and ⎓
1	0 271 62	48 V~ and ⎓
1	0 271 68	110 V⎓
1	0 271 63	110/130 V~
1	0 271 64	200/240 V~
1	0 271 67	277 V~
1	0 271 65	380/415 V~
1	0 271 66	440/480 V~



DRX™ 630

thermal magnetic MCCBs from 320 to 630 A

0 272 45

0 272 49

Dimensions **p. 142**
Technical characteristics and curves **p. 144**

For switching, control, isolation and protection of low-voltage electrical lines
Can be fitted with auxiliaries (p. 135)
Supplied with:
- Screw terminals
- Fixing screws
- Insulating shields (2 for 3P and 3 for 4P)

Fixed thermal and magnetic
Conform to IEC 60947-2

Pack	Cat.Nos		DRX 630
			Breaking capacity Icu 36 kA (415 V~)
	3P	4P	In
1	0 272 34	0 272 38	320 A
1	0 272 35	0 272 39	400 A
1	0 272 36	0 272 40	500 A
1	0 272 37	0 272 41	630 A
			Breaking capacity Icu 50 kA (415 V~)
			In
1	0 272 42	0 272 46	320 A
1	0 272 43	0 272 47	400 A
1	0 272 44	0 272 48	500 A
1	0 272 45	0 272 49	630 A

DRX™ 630 adjustable

thermal magnetic MCCBs from 320 to 630 A

6 676 51

Dimensions **p. 142**
Technical characteristics and curves **p. 144**

For switching, control, isolation and protection of low-voltage electrical lines
Can be fitted with auxiliaries (p. 135)
Supplied with:
- Screw terminals
- Fixing screws
- Insulating shields (2 for 3P and 3 for 4P)

Adjustable thermal and magnetic
Conform to IEC 60947-2

Pack	Cat.Nos		DRX 630
			Thermal adjustable from 0.8 to 1 x In Magnetic adjustable from 5 to 10 x In
			Breaking capacity Icu 36 kA (415 V~)
	3P	4P	In
1	6 676 50	6 676 54	320 A
1	6 676 51	6 676 55	400 A
1	6 676 52	6 676 56	500 A
1	6 676 53	6 676 57	630 A
			Breaking capacity Icu 50 kA (415 V~)
			In
1	6 676 58	6 676 62	320 A
1	6 676 59	6 676 63	400 A
1	6 676 60	6 676 64	500 A
1	6 676 61	6 676 65	630 A

DRX™ 630 accessories

0 262 50

0 262 51

0 262 48

0 263 52

4 222 42

4 222 48

Pack	Cat.Nos	Rotary handles
1	0 272 50	**Direct** Standard (grey)
1	0 272 51	**Vari-depth handle** Comprising: connecting rod, bracket, drilling template, mounting accessories, door locking mechanism Standard (grey)

Pack	Cat.Nos	Connection accessories
	0 262 30	**Insulating shields** Used to isolate the connection between each pole Set of 2 pieces
	3P / 4P	
1	0 262 44 / 0 262 45	**Sealable terminal shields** Set of 2
1	4 222 34 / 4 222 35	**IP 20 terminal cover** Set of two terminal covers
1	0 262 50	**Cage terminals** Set of 4 cage terminals for cables
1	0 262 51	Set of 4 high capacity cage terminals for cables
1	0 262 47	**Extended front terminals** Set of 4 extended front terminals
1	0 262 48 / 0 262 49	**Spreaders** Set of incoming or outgoing spreaders
1	0 263 50 / 0 263 51	**Swivel terminals** Set of incoming or outgoing swivel terminals
1	0 263 52 / 0 263 53	**Flat terminals** Set of incoming or outgoing flat terminals

Pack	Cat.Nos	Padlock for DRX 630
1	0 262 40	For locking on "OFF" position (up to 3 locks)

Control and signalling auxiliaries for DRX 630

For DPX³, DPX³-I and DRX

Pack	Cat.Nos	Auxiliary contact or fault signal
1	4 210 11	For signalling the state of the contacts or opening of the MCCB on a fault Changeover switch 3 A - 240 V~

Shunt releases

Shunt inrrush power 300 V~

Pack	Cat.Nos	Coil voltage
1	4 222 39	24 V~ and ⎓
1	4 222 40	48 V~ and ⎓
1	4 222 41	110 V~ and ⎓
1	4 222 42	230 V~ and ⎓
1	4 222 43	400 V~ and ⎓

Undervoltage releases

Undervoltage power consumption 5 V~

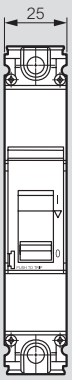
Pack	Cat.Nos	Coil voltage
1	4 222 44	24 ⎓
1	4 222 45	24 V~
1	4 222 46	48 V⎓
1	4 222 47	110-125 V~
1	4 222 48	220-240 V~
1	4 222 49	380-415 V~

DRX™ 125

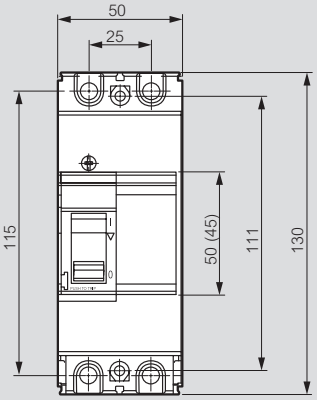
dimensions and mounting principle

Dimensions

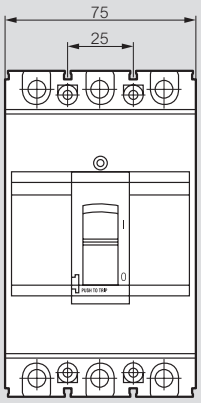
1P



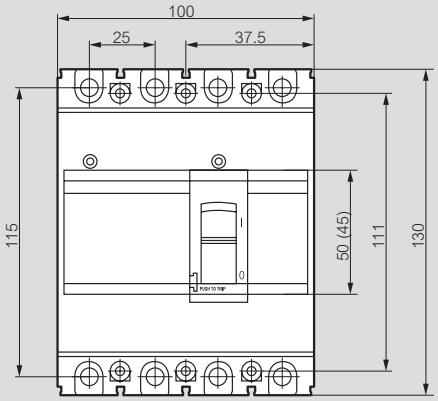
2P

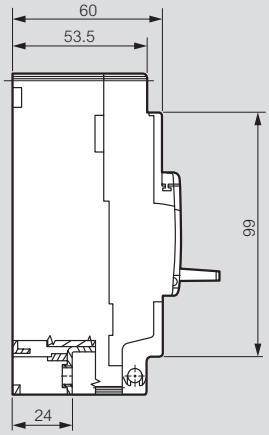


3P



4P

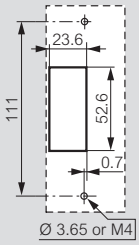




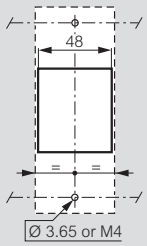
Mounting principle

Door cut-out

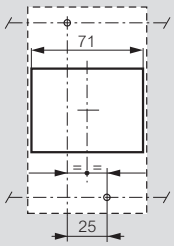
1P



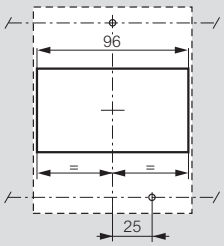
2P

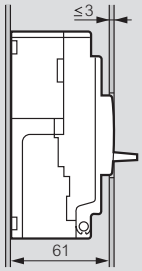


3P

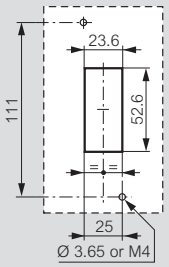


4P

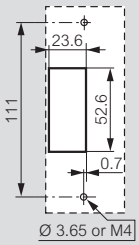


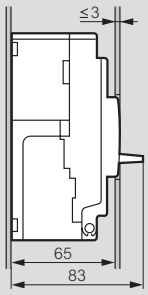


1-3-4P



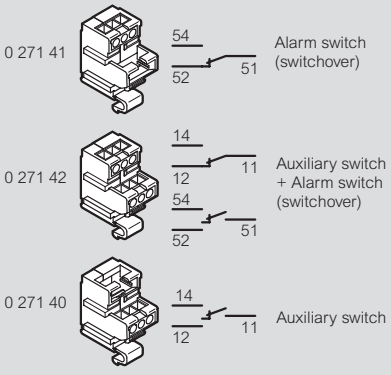
2P





Auxiliary contacts

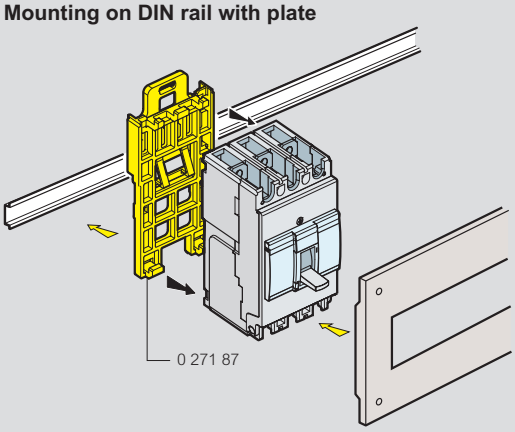
	Voltage (V)	Resistive load (A)
Vac	125	5
	250	5
Vdc	30	5
	50	1
	75	0.75
	125	0.5
	250	0.25
Mechanical endurance (No. of operations)		5 x 10^6
Temperature (°C)		- 40 to 85 °C



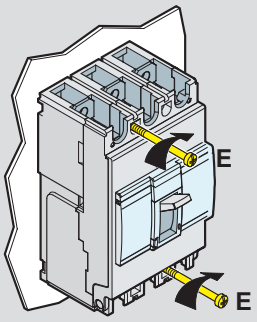
DRX™ 125

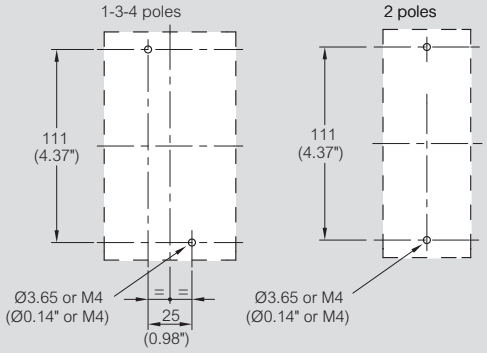
mounting principle and connection

Mounting on DIN rail with plate



Fixing on plate

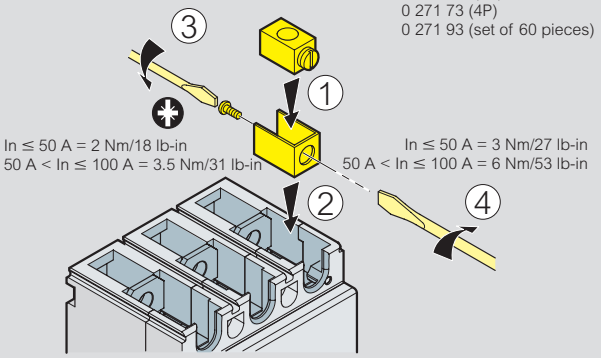




Connection

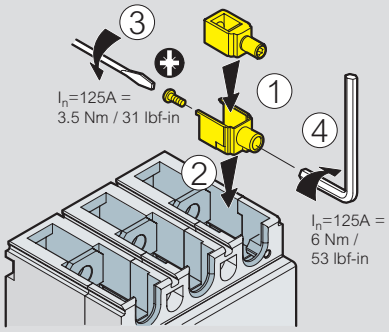
Connection via cable In ≤ 100 A

In ≤ 50 A = 0 271 70 (3P)
0 271 72 (4P)
0 271 92 (set of 60 pieces)
50 A < In ≤ 100 A = 0 271 71 (3P)
0 271 73 (4P)
0 271 93 (set of 60 pieces)

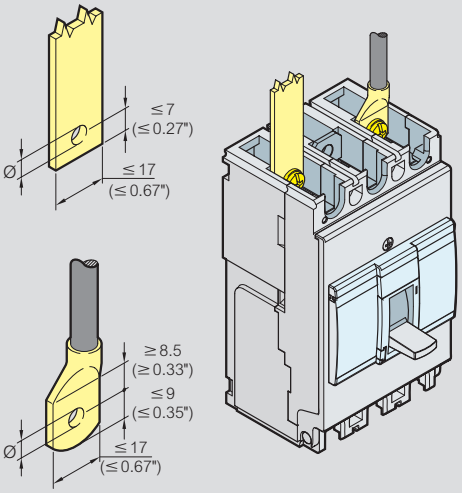


DRX ≤ 50 A	50 A < In ≤ 100 A	In = 125 A
Flexible 2.5 ➡ 10 mm² #14 ➡ #8 AWG or Rigid 2.5 ➡ 16 mm² #14 ➡ #6 AWG 12 0.47"	Flexible 10 ➡ 35 mm² #8 ➡ #3/2 AWG Rigid 10 ➡ 50 mm² #8 ➡ #1/0 AWG 14 0.55"	Flexible 35 ➡ 50 mm² #3/2 ➡ #1/0AWG Rigid 35 ➡ 50 mm² #3/2 ➡ #1/0AWG 14 0.55"
2,5 to 4 mm² (#14 to #10 AWG) flexible cables connection via crimped end-barrels		

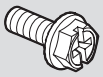
Connection via cable In = 125 A



Connection via busbar

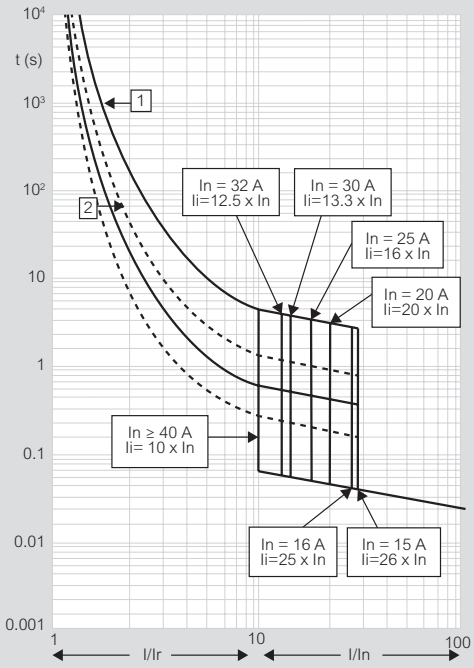


In ≤ 50 A	50 A < In ≤ 125 A
Ø5.5 mm / 0.21"	Ø8.5 mm / 0.32"

In ≤ 50 A	50 A < In ≤ 125 A	In = 125 A
		

Curves

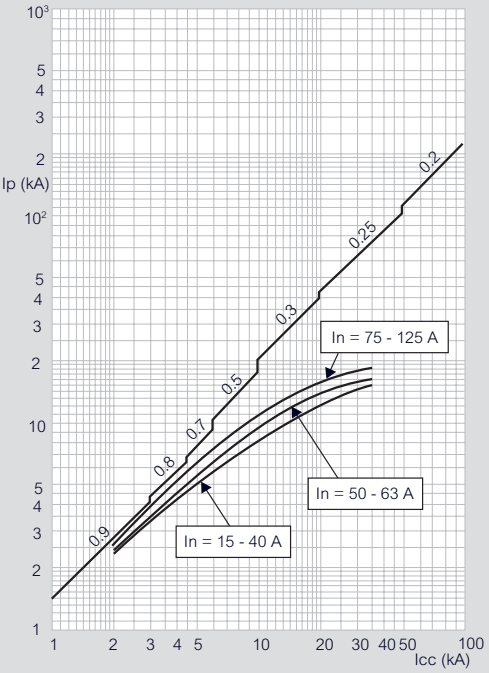
DRX 125 Imax = 125 A from 10 kA to 36 kA 3P - 4P



t = time
I = rated current
Ir = setting current
1 = characteristic with cold start
2 = characteristic with hot start

Current limitation

DRX 125 Imax = 125 A from 10 kA to 36 kA 3P - 4P at 415 V~



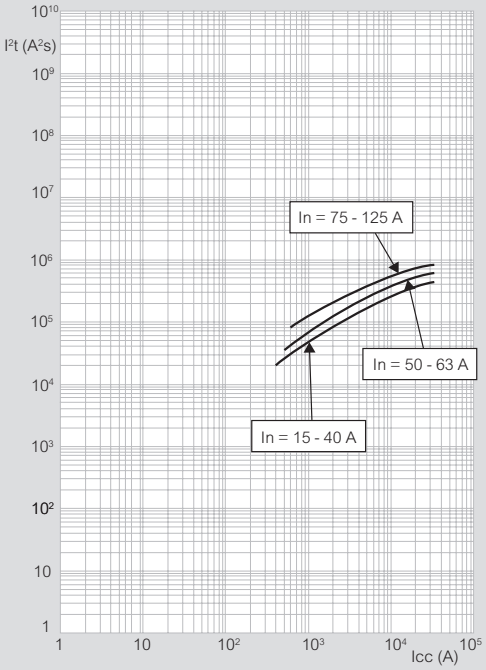
Icc = estimated short circuit symmetrical current (RMS value)
Ip = maximum short circuit peak current

——— maximum prospective short circuit peak current corresponding at the power factor

——— maximum real peak short circuit current by contact limiting effect

Pass-through specific energy characterictics

DRX 125 Imax = 125 A from 10 kA to 36 kA 3P - 4P at 415 V~



Icc = estimated short circuit symmetrical current (RMS value)
I^2t (A^2s) = pass-throught specific energy

Technical characteristics

IEC/EN 60947-2 for circuit breakers ; IEC/EN 60947-3 for trip-free switches

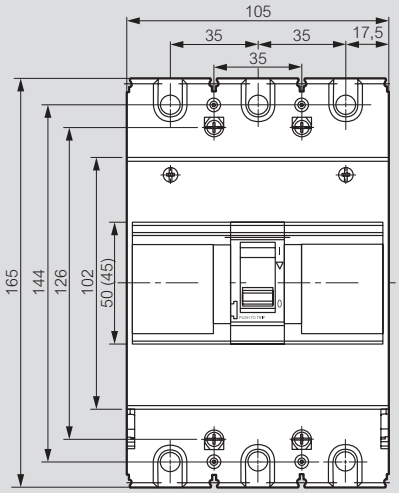
		DRX 10 kA	DRX 20 kA	DRX 25 kA	DRX 36 kA	DRX-I 125
Number of poles		3P - 4P	3P - 4P	1P	2P	3P - 4P
Rated current In (A)		15-125	15-125	15-100	15-100	125
Neutral protection for 4P version (%)		100	100	-	-	-
Rated insulation voltage Ui (V)		690	690	690	690	690
Rated impulse withstand current Uimp (kV)		6	6	6	6	6
Rated operating voltage (50/60 Hz) Ue (V)		550	550	550	550	550
Ultimate breaking capacity Icu (kA)	**110/130 V~**	35	60	50	75	-
	220/240 V~	35	60	25	60	-
	277 V~	-	-	15	50	-
	380/415 V~	10	20	10	36	-
	440/460 V~	10	15	-	30	-
	480/550 V~	7.5	10	-	20	-
Ultimate breaking capacity Icu (kA) NEMA AB-1	**240 V~**	35	60	25	60	-
	480 V~	7.5	10	-	20	-
Standard breaking capacity Ics (% Icu)		100	75	50	50	-
Category of use		A	A	A	A	AC23A
Suitable for isolation		YES	YES	YES	YES	YES
Endurance (cycles)	**mechanical**	25000	25000	25000	25000	25000
	electrical at In	8000	8000	8000	8000	-
	electrical at 0.5 In	10000	10000	10000	10000	-

DRX™ 250

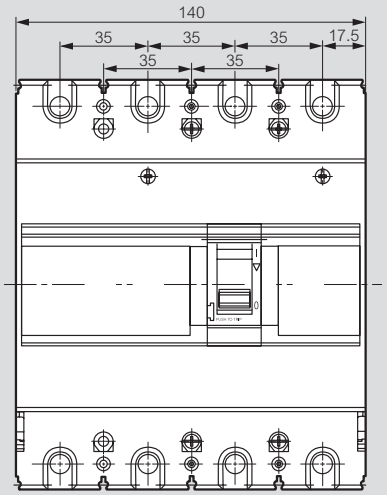
dimensions and mounting principle

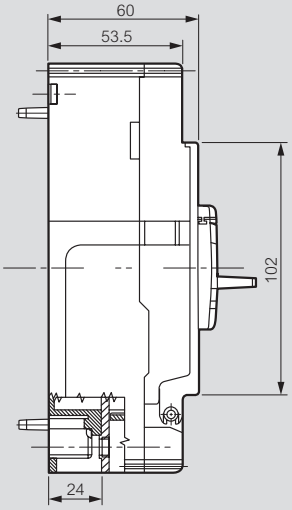
Dimensions

3P



4P

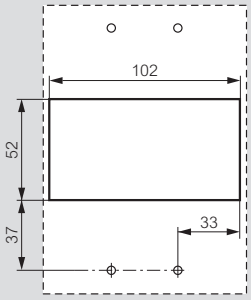




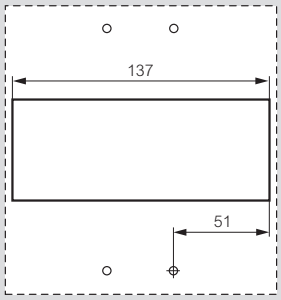
Mounting principle

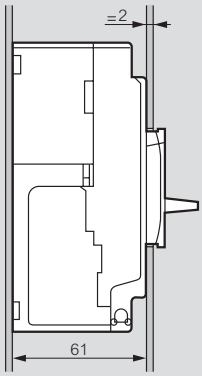
Door cut-out

3P

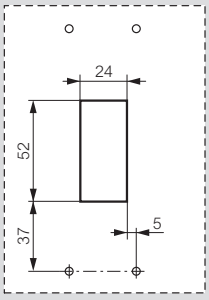


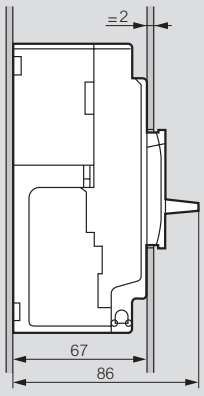
4P





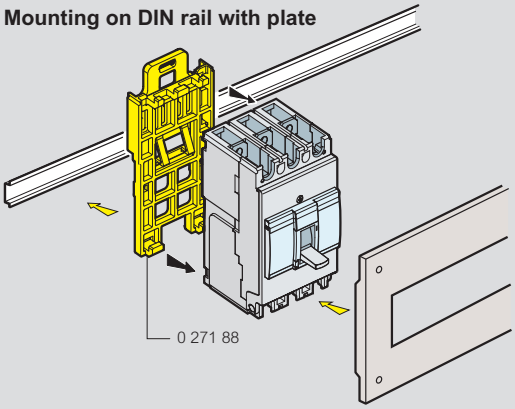
3-4P



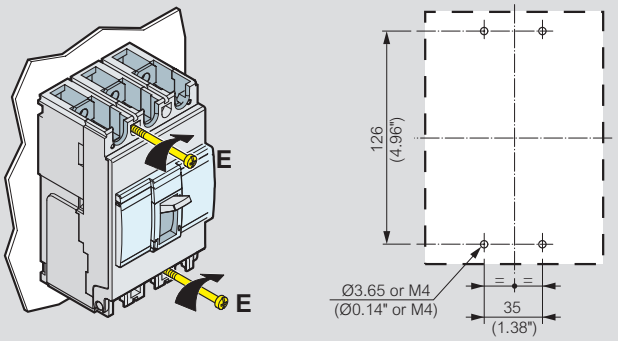


Mounting principle (continued)

Mounting on DIN rail with plate

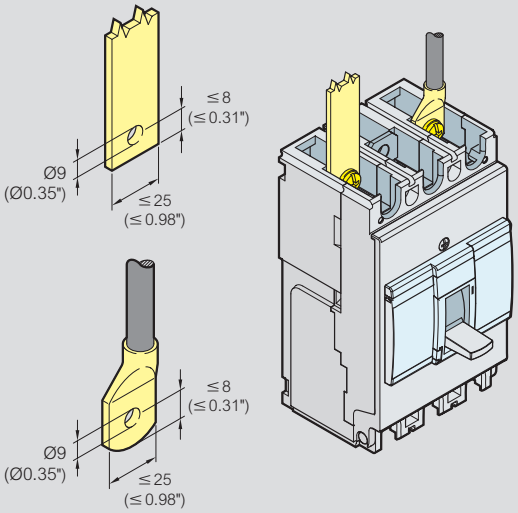


Fixing on plate

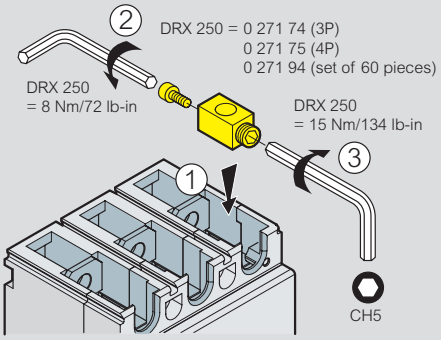


Connection

Connection via busbar



Connection via cable

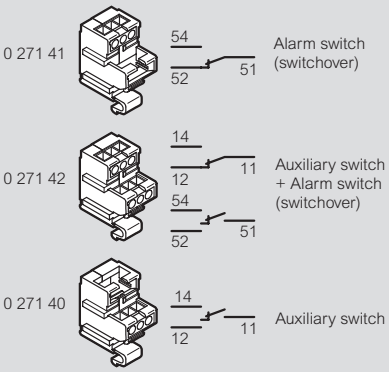


DRX 250 - 125 to 250 A

Flexible
35 mm² ➡ 120 mm²
#2 ➡ #250 MCM
or
Rigid
35 mm² ➡ 150 mm²
#2 ➡ #300 MCM

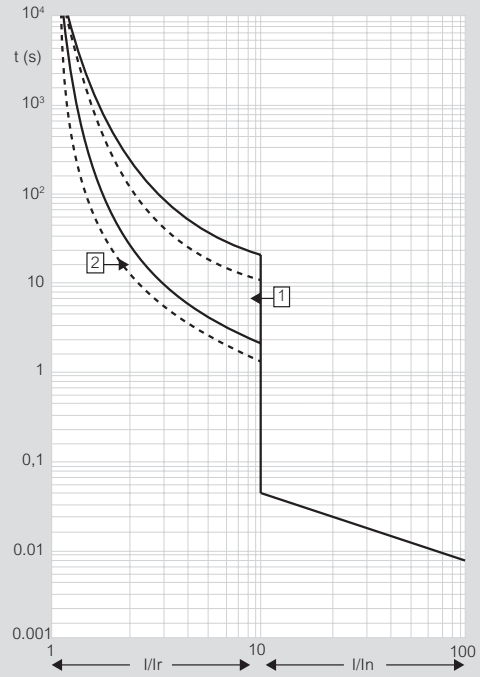
Auxiliary contacts

	Voltage (V)	Resistive load (A)
Vac	125	5
	250	5
Vdc	30	5
	50	1
	75	0.75
	125	0.5
	250	0.25
Mechanical endurance (No. of operations)		5 x 10^6
Temperature (°C)		- 40 to 85 °C



Curves

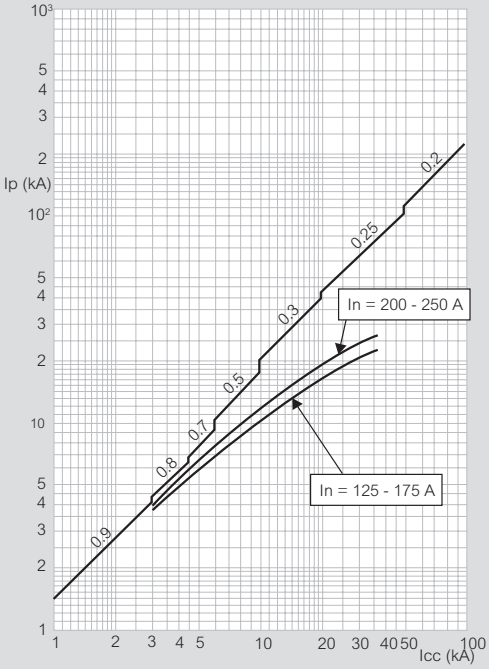
DRX 250 Imax = 250 A from 18 kA to 36 kA 3P - 4P



t = time
I_{test} = test curent
Ir = current setting
In = rated current
Curve n°1 = characteristic with cold start
Curve n°2 = characteristic with hot start

Current limitation

DRX 250 Imax = 250 A from 18 kA to 36 kA 3P - 4P at 415 V~



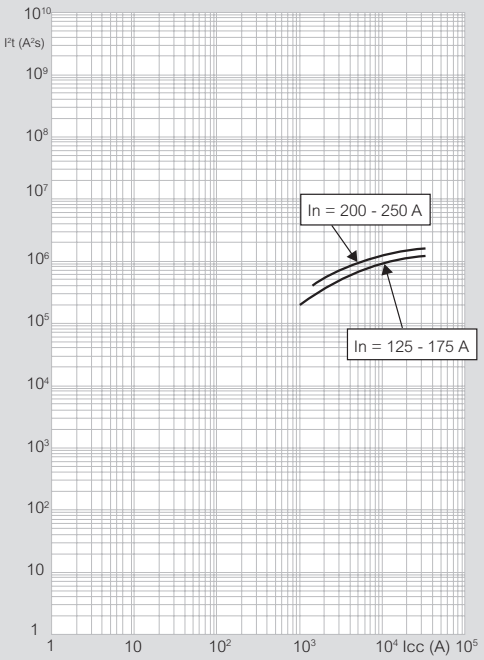
Icc = estimated short circuit symmetrical current (RMS value)
Ip = maximum short circuit peak current

maximum prospective short circuit peak current corresponding at the power factor

maximum real peak short circuit current by contact limiting effect

Pass-through specific energy characterictics

DRX 250 Imax = 250 A from 18 kA to 36 kA 3P - 4P at 415 V~



Icc = estimated short circuit symmetrical current (RMS value)
I^2t (A^2s) = pass-throught specific energy

Technical characteristics

IEC/EN 60947-2 for circuit breakers ; IEC/EN 60947-3 for trip-free switches

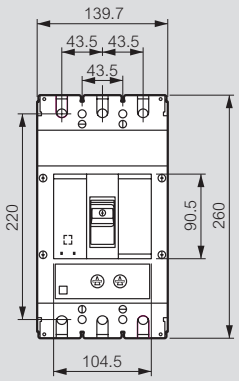
		DRX 18 kA	DRX 25 kA	DRX-I 250
Number of poles		3P - 4P	3P - 4P	3P - 4P
Rated current In (A)		125-250	125-250	250/160
Neutral protection for 4P version (%)		100	100	-
Rated insulation voltage Ui (V)		690	690	690
Rated impulse withstand current Uimp (kV)		6	6	6
Rated operating voltage (50/60 Hz) Ue (V)		550	550	550
Ultimate breaking capacity Icu (kA) IEC 60947-2	**110/130 V~**	35	70	-
	220/240 V~	35	70	-
	380/415 V~	18	25	-
	440/460 V~	15	22	-
	480/550 V~	5	6	-
Ultimate breaking capacity Icu (kA) NEMA AB-1	**240 V~**	35	70	-
	480 V~	5	6	-
Standard breaking capacity Ics (% Icu)		100	75	-
Category of use		A	A	AC22A/AC23A
Suitable for isolation		YES	YES	YES
Endurance (cycles)	**mechanical**	20000	20000	20000
	electrical at In	8000	8000	-
	electrical at 0.5 In	10000	10000	-

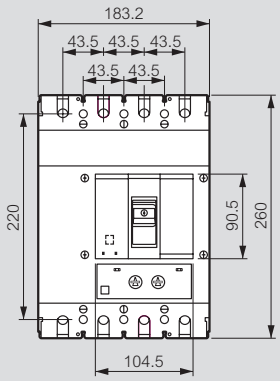
DRX™ 630 and DRX™ 630 adjustable

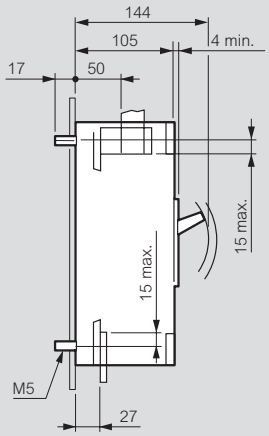
dimensions

Dimensions

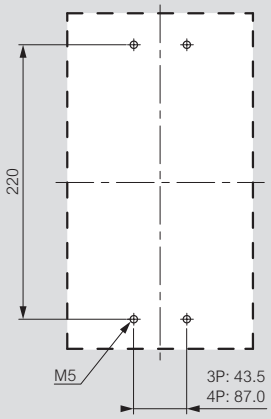
DRX 630 and DRX 630 adjustable



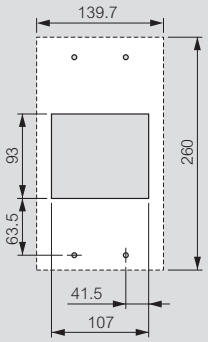


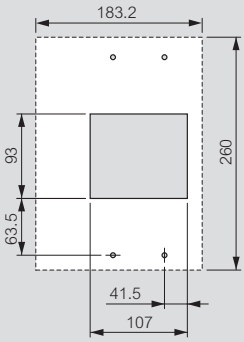


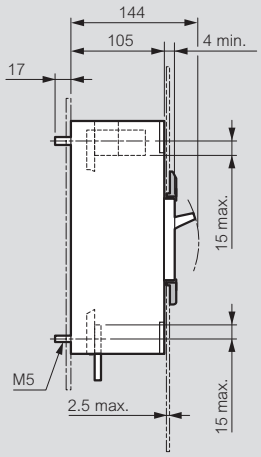
Fixing on plate



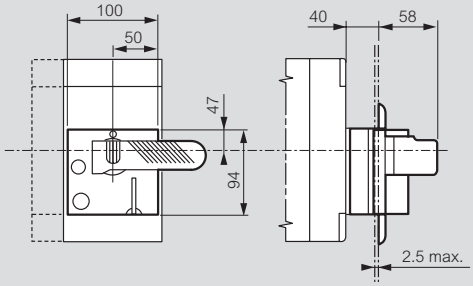
Door cut



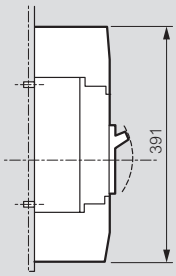




Rotary handle-direct on DRX

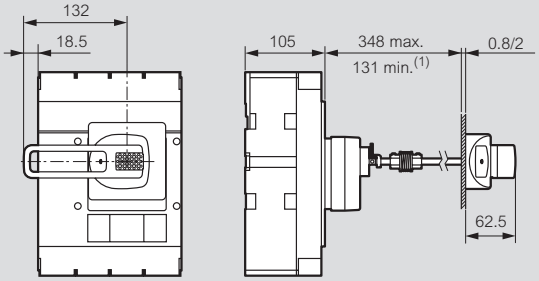


Terminal shields



Rotary handle-vari-depth handle on door

Mounting with flexible seal



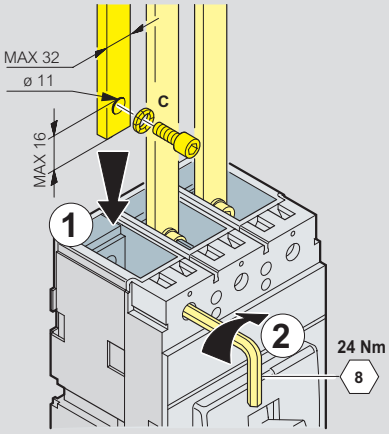
1: 75 mm without mechanical system

DRX™ 630 and DRX™ 630 adjustable

connection

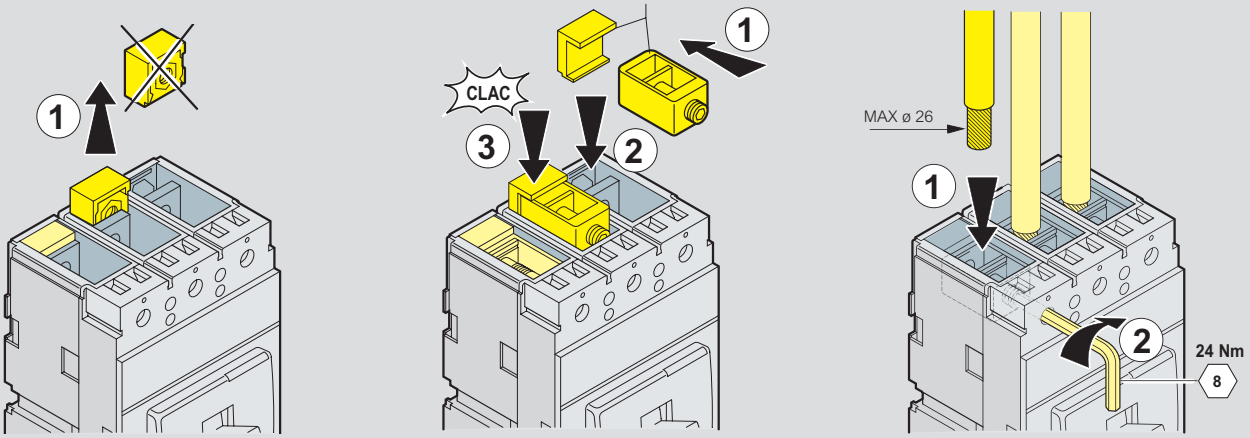
Connection

Connection via busbar

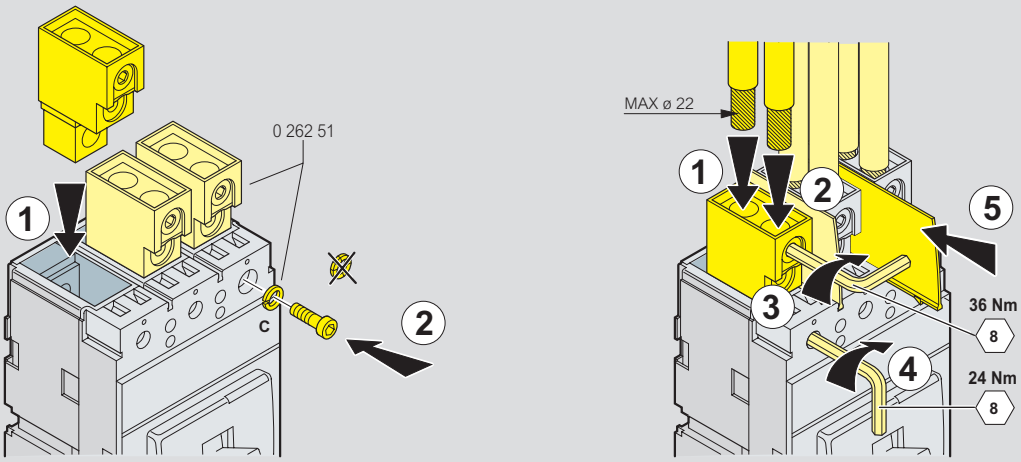


Connection via cable

With cage terminals Cat.No 0 262 50



With high capacity cage terminals Cat.No 0 262 51



DRX™ 630

technical characteristics

Technical characteristics

		DRX 630 - 36 kA	DRX 630 - 50 kA
Number of poles		3P - 4P	3P - 4P
Release type		thermal-magnetic	
Rated current In (A)		320, 400, 500, 630	
Rated insulation voltage Ui (V)		800	800
Rated operating voltage (50/60 Hz) Ue (V)		550	550
Rated impulse withstand Voltage Uimp (kV)		8	8
Rated frequency (Hz)		50 - 60	50 - 60
Reference ambient temperature Tamb (°C)		40 - 50	40 - 50
Operating temperature (°C)		-25 to 70	-25 to 70
Rated ultimate short-circuit breaking capacity Icu (kA) IEC 60947-2	110/130 V~	70	100
	220/240 V~	70	100
	380/415 V~	36	50
	440/460 V~	30	40
	480/550 V~	25	30
	690 V~	14	18
Rated service short-circuit breaking capacity Ics (% Icu)		50	50
Rated short-circuit making capacity Icm (kA) at 415 V~		75.6	105
Neutral protection for 4P version (% Ith)		100	100
Rated short-circuit breaking capacity on IT system Isu.lit (kA) IEC 60947-2 (Annexes C - H)	110/130 V~	18	25
	220/240 V~	18	25
	380/415 V~	9	13
	440/460 V~	8	10
	480/550 V~	5	6
	690 V~	4	5
Rated ultimate short-circuit breaking capacity Icu (kA) NEMA AB-1	220/240 V~	40	70
	480/550 V~	4	4
	690 V~	4	5
Category of use		A	A
Suitable for isolation		Yes	Yes
Thermal adjustment Ir (A)		Fixed	
Magnetic adjustment Ii (A)		Fixed: 10 x In	
Endurance (cycles)	mechanical	6000	6000
	electrical at In	2000	2000
	electrical at 0.5 In	4000	4000
Neutral protection for 4P version (%)		100	100
Dimensions W x H x D (mm)	3P	140 x 260 x 105	
	4P	183 x 260 x 105	
Weight (kg)	3P	5.20	
	4P	6.85	

DRX™ 630 adjustable

technical characteristics

Technical characteristics

		DRX 630 - 36 kA	DRX 630 - 50 kA
Number of poles		3P - 4P	3P - 4P
Releases type		thermal-magnetic	
Rated current In (A)		320, 400, 500, 630	
Rated insulation voltage (50/60Hz) Ui (V)		800	800
Rated operational voltage (50/60 Hz) Ue (V)		690	690
Rated impulse withstand voltage Uimp (kV)		8	8
Rated frequency (Hz)		50 - 60	50 - 60
Reference ambient temperature Tamb (°C)		40 - 50	40 - 50
Operating temperature (°C)		-25 to 70	-25 to 70
Rated ultimate short-circuit breaking capacity Icu (kA) IEC 60947-2	110/130 V~	70	100
	220/240 V~	70	100
	380/415 V~	36	50
	440/460 V~	30	40
	480/550 V~	25	30
	690 V~	14	18
Rated service short-circuit breaking capacity Ics (%Icu)		100	100
Rated short-circuit making capacity Icm (at 415 V~)		75.6	105
Neutral protection for 4P version (%Ith)		100	100
Rated short-circuit breaking capacity on IT system Isu.lit (kA) IEC 60947-2 (Annexes C - H)	110/130 V~	18	25
	220/240 V~	18	25
	380/415 V~	9	13
	440/460 V~	8	10
	480/550 V~	5	6
	690 V~	4	5
Rated ultimate short-circuit breaking capacity Icu (kA) NEMA AB-1	220/240 V~	70	100
	480/500 V~	25	30
	690 V~	14	18
Category of use		A	A
Suitable for isolation		Yes	Yes
Thermal adjustment Ir (A)		0.8 ÷ 0.9 ÷ 1 x In	
Magnetic adjustment Ii (A)		5 ÷ 10 x In	
Endurance (cycles)	mechanical	6000	6000
	electrical at In	2000	2000
	electrical at 0.5 In	4000	4000
Dimensions W x H x D (mm)	3P	140 x 260 x 105	
	4P	184 x 260 x 105	
Weight (kg)	3P	5.20	
	4P	6.85	

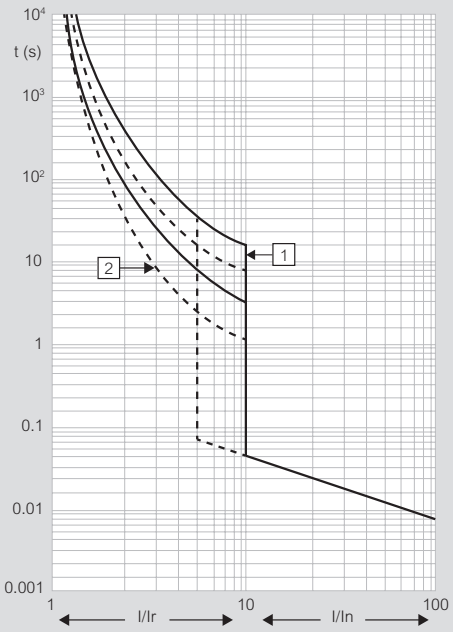
DRX™ 630 and DRX™ 630 adjustable

tripping curves

Curves

DRX 630

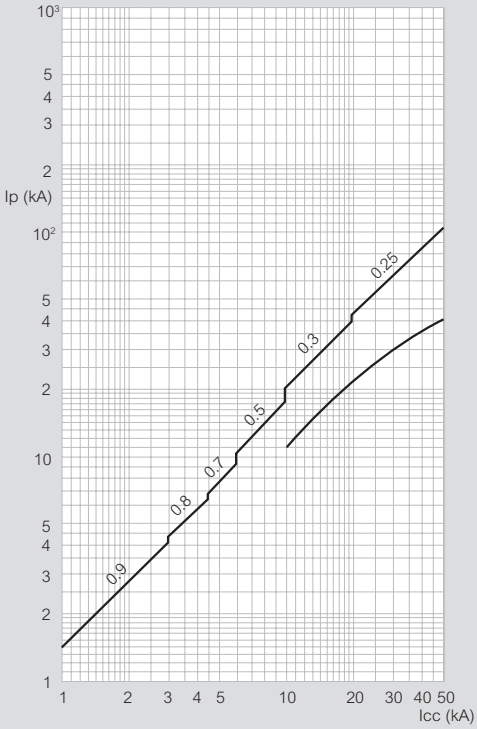
I_{max} = 630 A from 36 kA to 50 kA 3P - 4P



t = time
I = rated current
Ir = setting current
curve 1 = characteristic with cold start
curve 2 = characteristic with hot start

Cut-off peak current characteristic curve (kA)

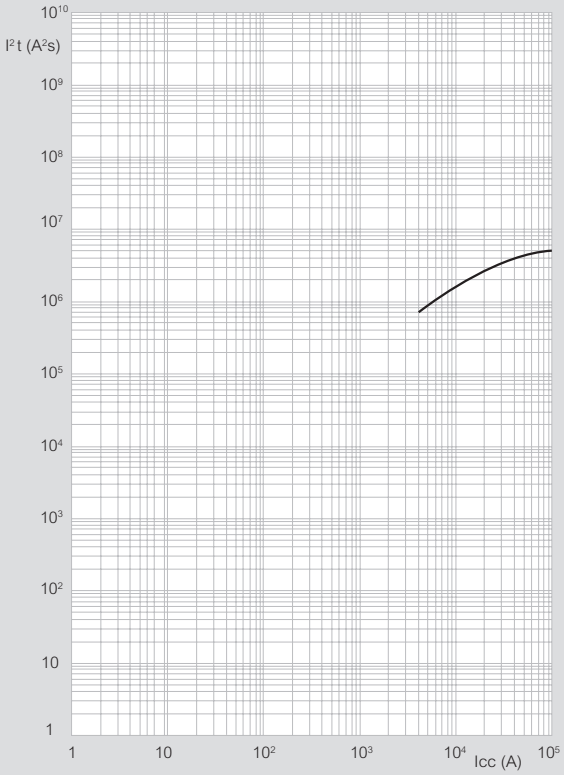
DRX 630 I_{max} = 630 A from 36kA to 50 kA 3P - 4P



Icc = estimated short circuit symmetrical current (RMS value)
Ip = maximum short circuit peak current
—— maximum prospective short circuit peak current corresponding at the power factor
– – – maximum real peak short circuit current by contact limiting effect

Pass-through specific energy characteristic curve

DRX 630 I_{max} = 630 A from 36 kA to 50 kA 3P - 4P at 415 V~



Icc = estimated short circuit symmetrical current (RMS value)
I²t (A²s) = pass-through specific energy

DRX™ 125 HP

thermal magnetic MCCBs from 16 to 125 A

6 693 89

6 693 99

Dimensions and installation principle **p. 150**
Technical characteristics and curves **p. 152-153**

For switching, control, isolation and protection of low-voltage electrical lines. Can be fitted with auxiliaries (p. 147). Supplied with: screw terminals, fixing screws, insulating shields (2 for 3P and 3 for 4P).
Fixed thermal and magnetic
Conform to IEC 60947-2

Pack	Cat.Nos		DRX 125 HP
			Breaking capacity Icu 25 kA (415 V~)
	3P	4P	In
1	6 693 40	6 693 50	16 A
1	6 693 41	6 693 51	20 A
1	6 693 42	6 693 52	25 A
1	6 693 43	6 693 53	32 A
1	6 693 44	6 693 54	40 A
1	6 693 45	6 693 55	50 A
1	6 693 46	6 693 56	63 A
1	6 693 47	6 693 57	80 A
1	6 693 48	6 693 58	100 A
1	6 693 49	6 693 59	125 A
			Breaking capacity Icu 36 kA (415 V~)
1	6 693 60	6 693 70	16 A
1	6 693 61	6 693 71	20 A
1	6 693 62	6 693 72	25 A
1	6 693 63	6 693 73	32 A
1	6 693 64	6 693 74	40 A
1	6 693 65	6 693 75	50 A
1	6 693 66	6 693 76	63 A
1	6 693 67	6 693 77	80 A
1	6 693 68	6 693 78	100 A
1	6 693 69	6 693 79	125 A
			Breaking capacity Icu 50 kA (415 V~)
1	6 693 80	6 693 90	16 A
1	6 693 81	6 693 91	20 A
1	6 693 82	6 693 92	25 A
1	6 693 83	6 693 93	32 A
1	6 693 84	6 693 94	40 A
1	6 693 85	6 693 95	50 A
1	6 693 86	6 693 96	63 A
1	6 693 87	6 693 97	80 A
1	6 693 88	6 693 98	100 A
1	6 693 89	6 693 99	125 A

DRX™ 125 HP adjustable

thermal magnetic MCCBs from 16 to 125 A

6 697 49

6 697 59

Dimensions and installation principle **p. 150**
Technical characteristics and curves **p. 152-153**

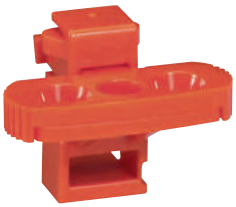
For switching, control, isolation and protection of low-voltage electrical lines. Can be fitted with auxiliaries (p. 147). Supplied with: screw terminals, fixing screws, insulating shields (2 for 3P and 3 for 4P).
Adjustable thermal
Fixed magnetic
Conform to IEC 60947-2

Pack	Cat.Nos		DRX 125 HP
			Thermal adjustable from 0.8 to 1 x In
			Breaking capacity Icu 25 kA (415 V~)
	3P	4P	In
1	6 697 00	6 697 10	16 A
1	6 697 01	6 697 11	20 A
1	6 697 02	6 697 12	25 A
1	6 697 03	6 697 13	32 A
1	6 697 04	6 697 14	40 A
1	6 697 05	6 697 15	50 A
1	6 697 06	6 697 16	63 A
1	6 697 07	6 697 17	80 A
1	6 697 08	6 697 18	100 A
1	6 697 09	6 697 19	125 A
			Breaking capacity Icu 36 kA (415 V~)
1	6 697 20	6 697 30	16 A
1	6 697 21	6 697 31	20 A
1	6 697 22	6 697 32	25 A
1	6 697 23	6 697 33	32 A
1	6 697 24	6 697 34	40 A
1	6 697 25	6 697 35	50 A
1	6 697 26	6 697 36	63 A
1	6 697 27	6 697 37	80 A
1	6 697 28	6 697 38	100 A
1	6 697 29	6 697 39	125 A
			Breaking capacity Icu 50 kA (415 V~)
1	6 697 40	6 697 50	16 A
1	6 697 41	6 697 51	20 A
1	6 697 42	6 697 52	25 A
1	6 697 43	6 697 53	32 A
1	6 697 44	6 697 54	40 A
1	6 697 45	6 697 55	50 A
1	6 697 46	6 697 56	63 A
1	6 697 47	6 697 57	80 A
1	6 697 48	6 697 58	100 A
1	6 697 49	6 697 59	125 A

Red catalogue numbers: New products

DRX™ 125 HP accessories

0 271 76


0 271 80

0 271 40

0 271 51

0 271 65

Pack	Cat.Nos	
		Rotary handles
1	0 271 76	**Direct** Standard (grey)
		Vari-depth handle Comprising: connecting rod, bracket, drilling template, mounting accessories, door locking mechanism
1	0 271 77	Standard (grey)
		Connection accessories
		Insulating shields Used to isolate the connection between each pole For DRX 125 HP and DRX 250 HP
	3P / 4P	
1	6 693 00	Set of 2
1	6 693 01	Set of 3
		Sealable terminal shields
1	6 693 08 / 6 693 09	Set of 2
		Cage terminals
1	6 693 02 / 6 693 03	Up to 125 A
		High capacity cage terminals
	3P / 4P	Up to 125 A
1	6 693 18	Set of 3
1	6 693 19	Set of 4
		Spreaders
1	4 238 88 / 4 238 89	Set of incoming or outgoing spreaders
		Rear terminals Used to convert a fixed version with front terminals into a fixed version with rear terminals
1	6 693 06	Set of 3 rear terminals
1	6 693 07	Set of 4 rear terminals
		Padlock for DRX 125, 250, DRX 125 HP and DRX 250 HP
1	0 271 80	For locking on "OFF" position (up to 3 locks)

Pack	Cat.Nos	
		Control and signalling auxiliaries for DRX 125, 250, DRX 125 HP and DRX 250 HP
		Auxiliary contact blocks For left-hand side mounting Up to 250 V~ and ⎓
1	0 271 40	Block with 1 auxiliary
1	0 271 41	Block with 1 alarm
1	0 271 42	Block with 1 auxiliary + 1 alarm
		Shunt trips
1	0 271 50	12 V~ and ⎓
1	0 271 51	24 V~ and ⎓
1	0 271 52	48 V~ and ⎓
1	0 271 53	100/130 V~
1	0 271 54	200/277 V~
1	0 271 55	380/480 V~
		Undervoltage releases
1	0 271 60	12 V~ and ⎓
1	0 271 61	24 V~ and ⎓
1	0 271 62	48 V~ and ⎓
1	0 271 68	110 V⎓
1	0 271 63	110/130 V~
1	0 271 64	200/240 V~
1	0 271 67	277 V~
1	0 271 65	380/415 V~
1	0 271 66	440/480 V~

Red catalogue numbers: New products

DRX™ 250 HP

thermal magnetic MCCBs from 16 to 250 A

6 674 19

6 674 34

Dimensions and installation principle **p. 154**
Technical characteristics and curves **p. 156-157**

For switching, control, isolation and protection of low-voltage electrical lines. Can be fitted with auxiliaries (p. 149). Supplied with: screw terminals, fixing screws, insulating shields (2 for 3P and 3 for 4P).
Fixed thermal and magnetic
Conform to IEC 60947-2

Pack	Cat.Nos 3P	Cat.Nos 4P	DRX 250 HP In
			Breaking capacity Icu 25 kA (415 V~)
1	6 694 10	6 694 25	16 A
1	6 694 11	6 694 26	20 A
1	6 694 12	6 694 27	25 A
1	6 694 13	6 694 28	32 A
1	6 694 14	6 694 29	40 A
1	6 694 15	6 694 30	50 A
1	6 694 16	6 694 31	63 A
1	6 694 17	6 694 32	80 A
1	6 694 18	6 694 33	100 A
1	6 694 19	6 694 34	125 A
1	6 694 20	6 694 35	160 A
1	6 694 21	6 694 36	180 A
1	6 694 22	6 694 37	200 A
1	6 694 23	6 694 38	225 A
1	6 694 24	6 694 39	250 A
			Breaking capacity Icu 36 kA (415 V~)
1	6 694 40	6 694 55	16 A
1	6 694 41	6 694 56	20 A
1	6 694 42	6 694 57	25 A
1	6 694 43	6 694 58	32 A
1	6 694 44	6 694 59	40 A
1	6 694 45	6 694 60	50 A
1	6 694 46	6 694 61	63 A
1	6 694 47	6 694 62	80 A
1	6 694 48	6 694 63	100 A
1	6 694 49	6 694 64	125 A
1	6 694 50	6 694 65	160 A
1	6 694 51	6 694 66	180 A
1	6 694 52	6 694 67	200 A
1	6 694 53	6 694 68	225 A
1	6 694 54	6 694 69	250 A
			Breaking capacity Icu 50 kA (415 V~)
1	6 674 10	6 674 25	16 A
1	6 674 11	6 674 26	20 A
1	6 674 12	6 674 27	25 A
1	6 674 13	6 674 28	32 A
1	6 674 14	6 674 29	40 A
1	6 674 15	6 674 30	50 A
1	6 674 16	6 674 31	63 A
1	6 674 17	6 674 32	80 A
1	6 674 18	6 674 33	100 A
1	6 674 19	6 674 34	125 A
1	6 674 20	6 674 35	160 A
1	6 674 21	6 674 36	180 A
1	6 674 22	6 674 37	200 A
1	6 674 23	6 674 38	225 A
1	6 674 24	6 674 39	250 A

DRX™ 250 HP adjustable

thermal magnetic MCCBs from 16 to 250 A

6 690 90

6 691 10

Dimensions and installation principle **p. 154**
Technical characteristics and curves **p. 156-157**

For switching, control, isolation and protection of low-voltage electrical lines. Can be fitted with auxiliaries (p. 149). Supplied with: screw terminals, fixing screws, insulating shields (2 for 3P and 3 for 4P).
Adjustable thermal and magnetic
Conform to IEC 60947-2

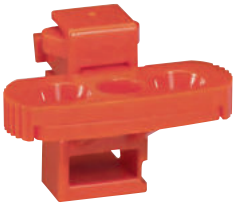
Pack	Cat.Nos 3P	Cat.Nos 4P	DRX 250 HP Thermal adjustable from 0.8 to 1 x In Magnetic adjustable from 5 to 10 x In In
			Breaking capacity Icu 25 kA (415 V~)
1	6 690 00	6 690 20	16 A
1	6 690 01	6 690 21	20 A
1	6 690 02	6 690 22	25 A
1	6 690 03	6 690 23	32 A
1	6 690 04	6 690 24	40 A
1	6 690 05	6 690 25	50 A
1	6 690 06	6 690 26	63 A
1	6 690 07	6 690 27	80 A
1	6 690 08	6 690 28	100 A
1	6 690 09	6 690 29	125 A
1	6 690 10	6 690 30	160 A
1	6 690 11	6 690 31	200 A
1	6 690 12	6 690 32	250 A
			Breaking capacity Icu 36 kA (415 V~)
1	6 690 40	6 690 60	16 A
1	6 690 41	6 690 61	20 A
1	6 690 42	6 690 62	25 A
1	6 690 43	6 690 63	32 A
1	6 690 44	6 690 64	40 A
1	6 690 45	6 690 65	50 A
1	6 690 46	6 690 66	63 A
1	6 690 47	6 690 67	80 A
1	6 690 48	6 690 68	100 A
1	6 690 49	6 690 69	125 A
1	6 690 50	6 690 70	160 A
1	6 690 51	6 690 71	200 A
1	6 690 52	6 690 72	250 A
			Breaking capacity Icu 50 kA (415 V~)
1	6 690 80	6 691 00	16 A
1	6 690 81	6 691 01	20 A
1	6 690 82	6 691 02	25 A
1	6 690 83	6 691 03	32 A
1	6 690 84	6 691 04	40 A
1	6 690 85	6 691 05	50 A
1	6 690 86	6 691 06	63 A
1	6 690 87	6 691 07	80 A
1	6 690 88	6 691 08	100 A
1	6 690 89	6 691 09	125 A
1	6 690 90	6 691 10	160 A
1	6 690 91	6 691 11	200 A
1	6 690 92	6 691 12	250 A

Red catalogue numbers: New products

DRX™ 250 HP accessories

0 271 78

6 693 04


0 271 80

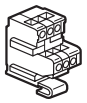
0 271 40

0 271 51

0 271 65

Pack	Cat.Nos	Rotary handles
		Direct
1	0 271 78	Standard (grey)
		Vari-depth handle
		Comprising: connecting rod, bracket, drilling template, mounting accessories, door locking mechanism
1	0 271 79	Standard (grey)
		Connection accessories
		Insulating shields
		Used to isolate the connection between each pole
	3P | 4P	For DRX 125 HP and DRX 250 HP
1	6 693 00 |	Set of 2
1	| 6 693 01	Set of 3
		Sealable terminal shields
1	6 693 12 | 6 693 13	Set of 2
		Cage terminals
1	6 693 04 | 6 693 05	Up to 250 A
		Spreaders
1	6 250 14 | 6 250 18	Set of incoming or outgoing spreaders
		Rear terminals
		Used to convert a fixed version with front terminals into a fixed version with rear terminals
1	6 693 10 |	Set of 3 rear terminals
1	| 6 693 11	Set of 4 rear terminals
		Padlock for DRX 125, 250, DRX 125 HP and DRX 250 HP
1	0 271 80	For locking on "OFF" position (up to 3 locks)

Pack	Cat.Nos	Control and signalling auxiliaries for DRX 125, DRX 250, DRX 125 HP and DRX 250 HP
		Auxiliary contact blocks
		For left-hand side mounting
		Up to 250 V~ and ⎓
1	0 271 40	Block with 1 auxiliary
1	0 271 41	Block with 1 alarm
1	0 271 42	Block with 1 auxiliary + 1 alarm
		Shunt trips
1	0 271 50	12 V~ and ⎓
1	0 271 51	24 V~ and ⎓
1	0 271 52	48 V~ and ⎓
1	0 271 53	100/130 V~
1	0 271 54	200/277 V~
1	0 271 55	380/480 V~
		Undervoltage releases
1	0 271 60	12 V~ and ⎓
1	0 271 61	24 V~ and ⎓
1	0 271 62	48 V~ and ⎓
1	0 271 68	110 V⎓
1	0 271 63	110/130 V~
1	0 271 64	200/240 V~
1	0 271 67	277 V~
1	0 271 65	380/415 V~
1	0 271 66	440/480 V~



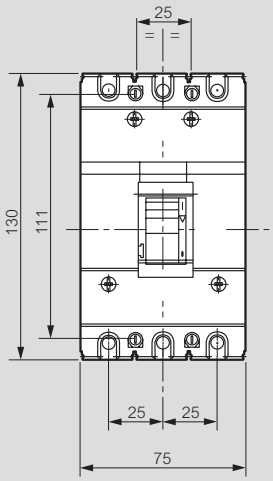
Red catalogue numbers: New products

DRX™ 125 HP

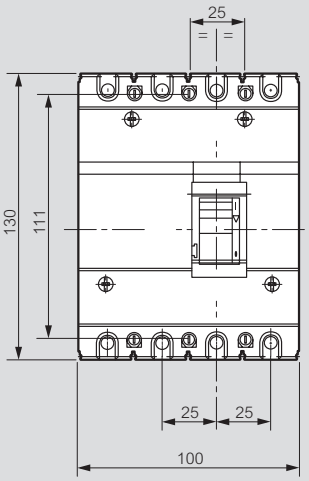
dimensions and mounting principle

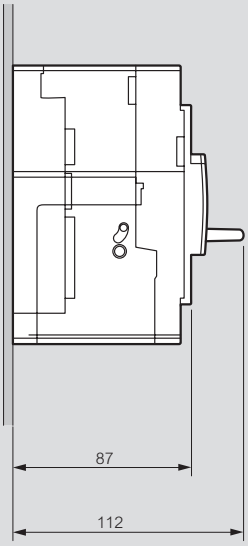
Dimensions

3P



4P

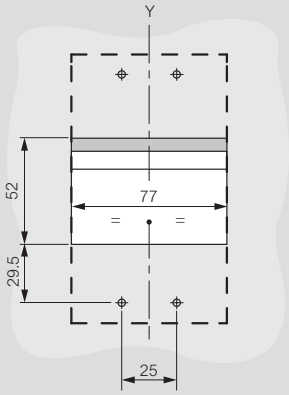




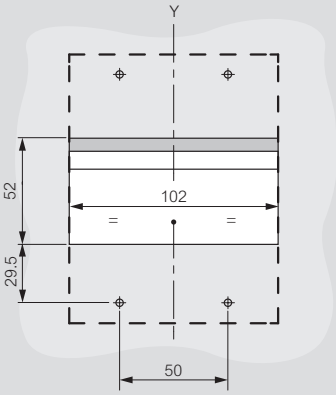
Mounting principle

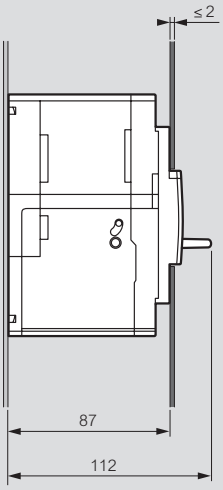
Door cut-out

3P



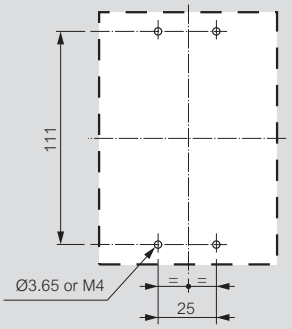
4P



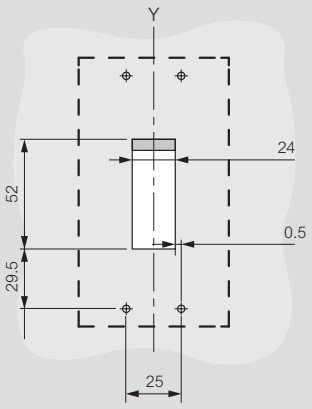


Fixing on plate

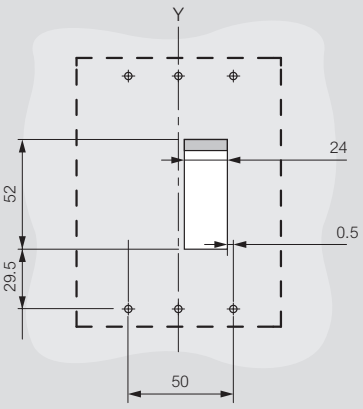
3P

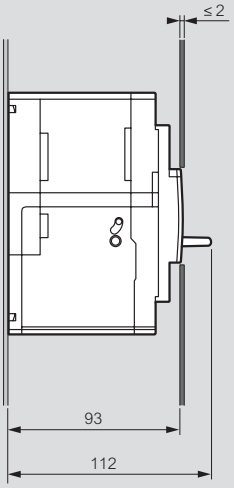


3P

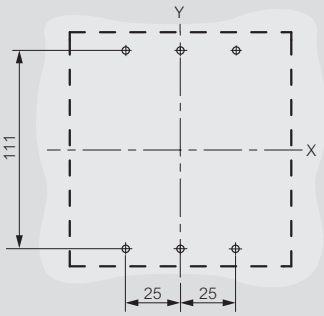


4P





4P

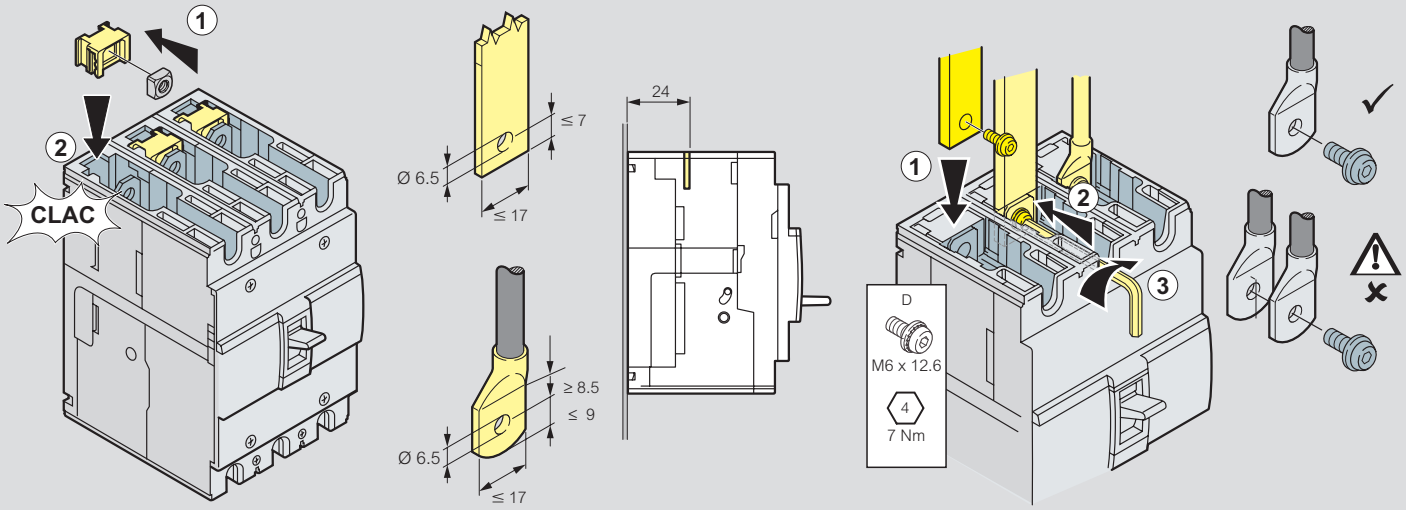


DRX™ 125 HP

connection

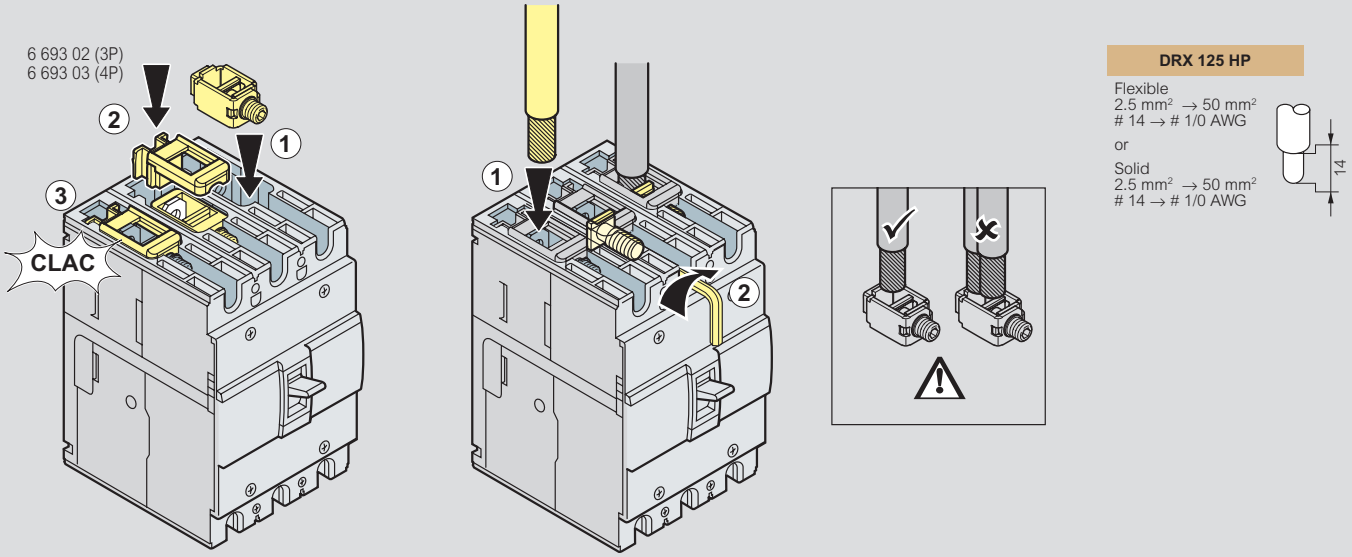
Connection

Connection via busbar



Connection via cable

With cage terminals Cat.No 6 693 02 (3P) or 6 693 03 (4P)



DRX 125 HP
Flexible 2.5 mm² → 50 mm² # 14 → # 1/0 AWG or Solid 2.5 mm² → 50 mm² # 14 → # 1/0 AWG

DRX™ 125 HP

technical characteristics

Electrical and mechanical characteristics

		DRX 125 HP 25 kA	DRX 125 HP 36 kA	DRX 125 HP 50 kA
Number of poles		3P - 4P	3P - 4P	3P - 4P
Release type		thermal-magnetic		
Rated current In (A)		16, 20, 25, 32, 40, 50, 63, 80, 100, 125		
Rated insulation voltage Ui (V)		800	800	800
Rated operating voltage (50/60 Hz) Ue (V)		550	550	550
Rated impulse withstand Voltage Uimp (kV)		8	8	8
Rated frequency (Hz)		50 - 60	50 - 60	50 - 60
Reference ambient temperature Tamb (°C)		40 - 50	40 - 50	40 - 50
Operating temperature (°C)		-25 to 70	-25 to 70	-25 to 70
Rated ultimate short-circuit breaking capacity Icu (kA) IEC 60947-2	220/240 V~	40	70	90
	380/415 V~	25	36	50
	440/460 V~	20	30	45
	480/500 V~	4	4	4
	550 V~	4	4	4
Rated service short-circuit breaking capacity Ics (% Icu)		100	100	100
Rated short-circuit making capacity Icm (kA) at 415 V~		52.5	75.6	105
Neutral protection for 4P version (% Ith)		100	100	100
Rated ultimate short-circuit breaking capacity Icu (kA) NEMA AB-1	220/240 V~	40	70	90
	480/500 V~	4	4	4
	550 V~	4	4	4
Category of use		A	A	A
Suitable for isolation		Yes	Yes	Yes
Thermal adjustment Ir (A)		Fixed at 1.0 x In		
Magnetic adjustment Ii (A)		Fixed : 400 A, for In up to 40 A 10 x In, for 50 A ≤ In ≤ 125 A		
Endurance (cycles)	mechanical	20000	20000	20000
	electrical at In	8000	8000	8000
	electrical at 0.5 In	8000	8000	8000
Neutral protection for 4P version (%)		100	100	100
Dimensions W x H x D (mm)	3P	75 x 130 x 86		
	4P	100 x 130 x 86		
Weight (kg)	3P	0.95		
	4P	1.15		

DRX™ 125 HP adjustable

technical characteristics

Electrical and mechanical characteristics

		DRX 125 HP 25 kA	DRX 125 HP 36 kA	DRX 125 HP 50 kA
Number of poles		3P - 4P	3P - 4P	3P - 4P
Release type		thermal-magnetic		
Rated current In (A)		16, 20, 25, 32, 40, 50, 63, 80, 100, 125		
Rated insulation voltage Ui (V)		800	800	800
Rated operating voltage (50/60 Hz) Ue (V)		550	550	550
Rated impulse withstand Voltage Uimp (kV)		8	8	8
Rated frequency (Hz)		50 - 60	50 - 60	50 - 60
Reference ambient temperature Tamb (°C)		40 - 50	40 - 50	40 - 50
Operating temperature (°C)		-25 to 70	-25 to 70	-25 to 70
Rated ultimate short-circuit breaking capacity Icu (kA) IEC 60947-2	220/240 V~	40	70	90
	380/415 V~	25	36	50
	440/460 V~	20	30	45
	480/500 V~	4	4	4
	550 V~	4	4	4
Rated service short-circuit breaking capacity Ics (% Icu)		100	100	100
Rated short-circuit making capacity Icm (kA) at 415 V~		52.5	75.6	105
Neutral protection for 4P version (% Ith)		100	100	100
Rated ultimate short-circuit breaking capacity Icu (kA) NEMA AB-1	220/240 V~	40	70	90
	480/500 V~	4	4	4
	550 V~	4	4	4
Category of use		A	A	A
Suitable for isolation		Yes	Yes	Yes
Thermal adjustment Ir (A)		0.8 - 0.9 - 1.0 x In		
Magnetic adjustment Ii (A)		Fixed : 400 A, for In up to 40 A 10 x In, for 50 A ≤ In ≤ 125 A		
Endurance (cycles)	mechanical	20000	20000	20000
	electrical at In	8000	8000	8000
	electrical at 0.5 In	8000	8000	8000
Neutral protection for 4P version (%)		100	100	100
Dimensions W x H x D (mm)	3P	75 x 130 x 86		
	4P	100 x 130 x 86		
Weight (kg)	3P	0.95		
	4P	1.15		

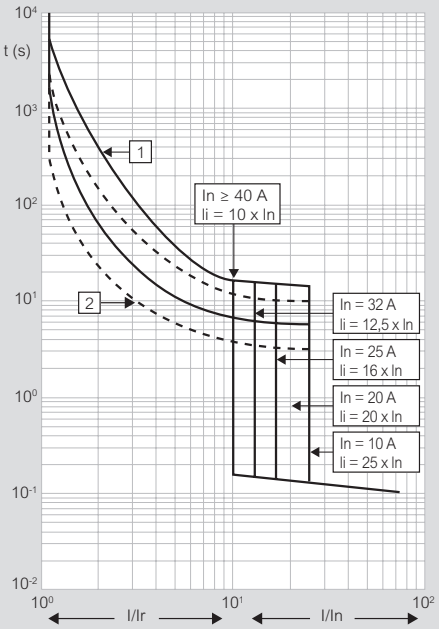
DRX™ 125 HP

tripping curves

Curves

Thermal magnetic tripping curve (In = 16 A - 80 A)

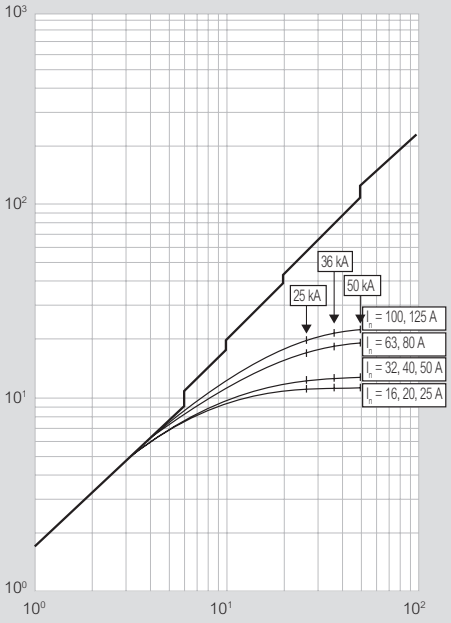
I_{cu} = 25 / 36 / 50 kA I_{max} = 80 A 3P - 4P U_e = 415 V~



t = time
I = current
I_n = rated current
I_r = long time setting current
curve 1 = characteristic with cold start
curve 2 = characteristic with hot start

Cut-off peak current characteristic curve (kA)

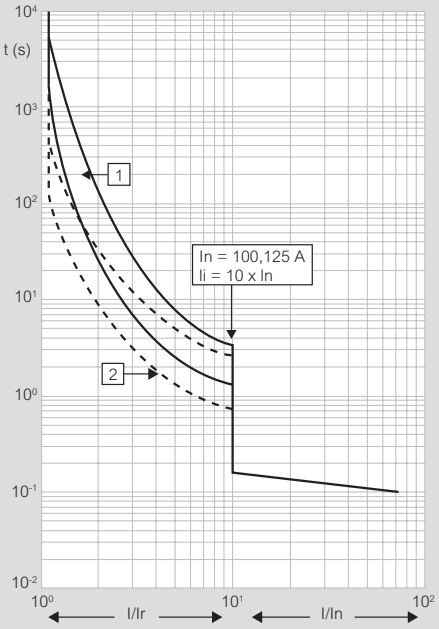
I_{cu} = 25 / 36 / 50 kA I_{max} = 125 A 3P - 4P U_e = 415 V~



I_{cc} = estimated short circuit symmetrical current (RMS value)
I_p = maximum short circuit peak current
——— = maximum prospective short circuit peak current corresponding at the power factor
– – – = maximum real peak short circuit current

Thermal magnetic tripping curve (In = 100 A - 125 A)

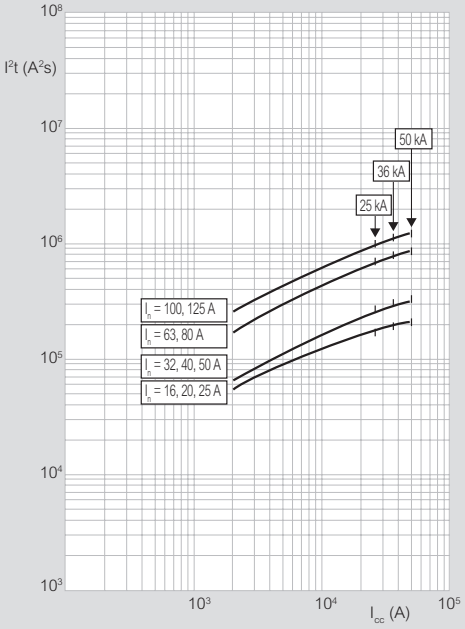
I_{cu} = 25 / 36 / 50 kA I_{max} = 125 A 3P - 4P U_e = 415 V~



t = time
I = current
I_n = rated current
I_r = long time setting current
curve 1 = characteristic with cold start
curve 2 = characteristic with hot start

Pass-through specific energy characteristic curve

I_{cu} = 25 / 36 / 50 kA I_{max} = 125 A 3P - 4P U_e = 415 V~



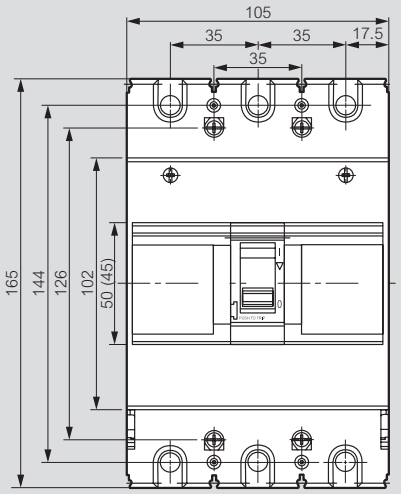
I_{cc} = short circuit current
I^2t (A^2s) = pass-through specific energy

DRX™ 250 HP

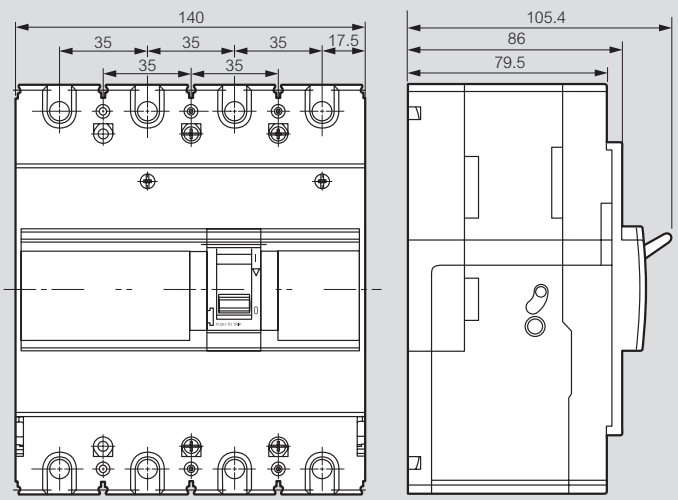
dimensions and mounting principle

Dimensions

3P



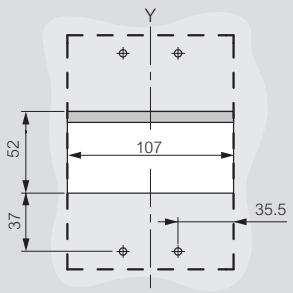
4P



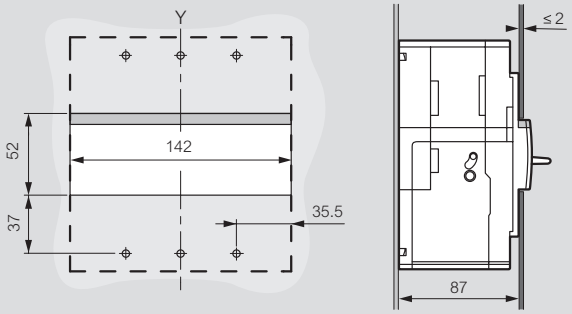
Mounting principle

Door cut-out

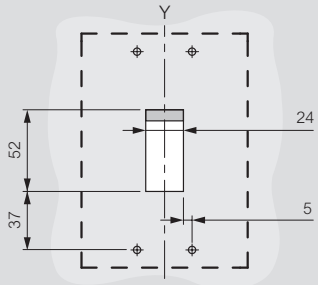
3P



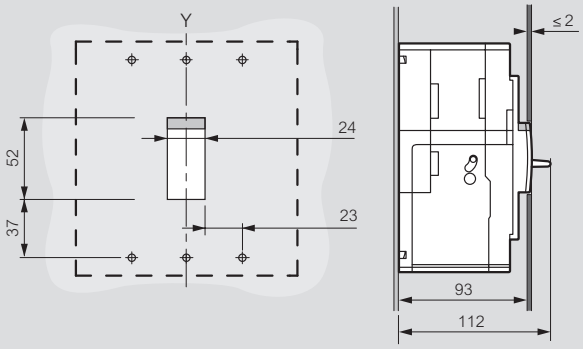
4P



3P

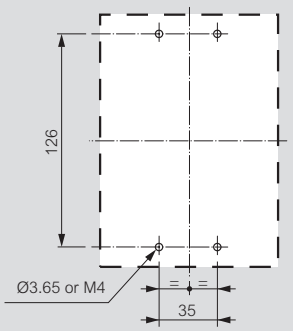


4P

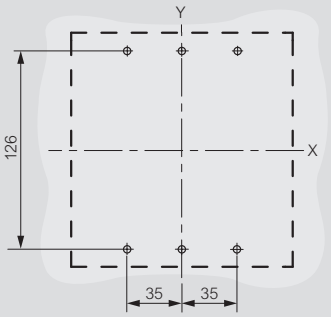


Fixing on plate

3P

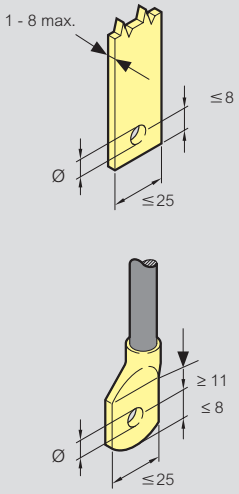


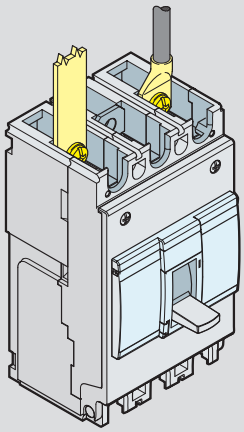
4P

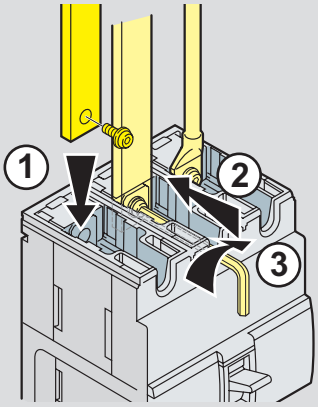


Connection

Connection via busbar

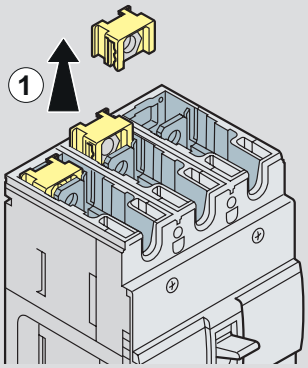


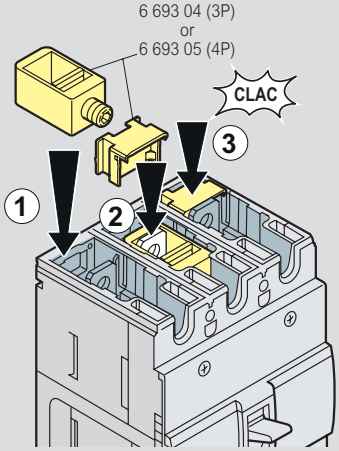


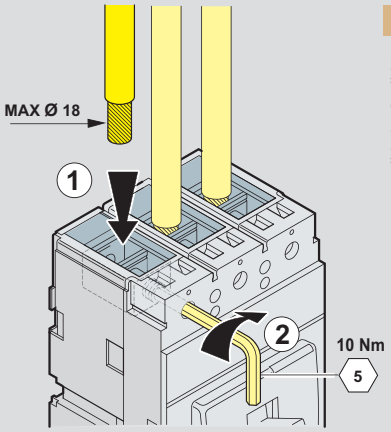


Connection via cable

With cage terminals Cat.No 6 693 04 (3P) or 6 693 05 (4P)





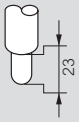


DRX 250 HP

Flexible
2.5 mm² → 120 mm²
14 → # 250 kcmil

or

Solid
2.5 mm² → 150 mm²
2 → # 300 kcmil



DRX™ 250 HP

technical characteristics

Electrical and mechanical characteristics

		DRX 250 HP 25 kA	DRX 250 HP 36 kA	DRX 250 HP 50 kA
Number of poles		3P - 4P	3P - 4P	3P - 4P
Release type		thermal-magnetic		
Rated current In (A)		16, 20, 25, 32, 40, 50, 63, 80, 100, 125, 160, 180, 200, 225, 250		
Rated insulation voltage Ui (V)		800	800	800
Rated operating voltage (50/60 Hz) Ue (V)		550	550	550
Rated impulse withstand Voltage Uimp (kV)		8	8	8
Rated frequency (Hz)		50 - 60	50 - 60	50 - 60
Reference ambient temperature Tamb (°C)		40 - 50	40 - 50	40 - 50
Operating temperature (°C)		-25 to 70	-25 to 70	-25 to 70
Rated ultimate short-circuit breaking capacity Icu (kA) IEC 60947-2	220/240 V~	40	70	90
	380/415 V~	25	36	50
	440/460 V~	20	30	45
	480/500 V~	4	4	4
	550 V~	4	4	4
Rated service short-circuit breaking capacity Ics (% Icu)		100	100	100
Rated short-circuit making capacity Icm (kA) at 415 V~		52.5	75.6	105
Neutral protection for 4P version (% Ith)		100	100	100
Rated ultimate short-circuit breaking capacity Icu (kA) NEMA AB-1	220/240 V~	40	70	90
	480/500 V~	4	4	4
	550 V~	4	4	4
Category of use		A	A	A
Suitable for isolation		Yes	Yes	Yes
Thermal adjustment Ir (A)		Fixed at 1.0 x In		
Magnetic adjustment Ii (A)		Fixed : 400 A, for In up to 40 A 630 A, for In = 50 / 63 A 10 x In, for 80 A ≤ In ≤ 250 A		
Endurance (cycles)	mechanical	12000	12000	12000
	electrical at In	6000	6000	6000
	electrical at 0.5 In	6000	6000	6000
Neutral protection for 4P version (%)		100	100	100
Dimensions W x H x D (mm)	3P	105 x 165 x 86		
	4P	140 x 165 x 86		
Weight (kg)	3P	1.6		
	4P	2.05		

DRX™ 250 HP adjustable

technical characteristics

Electrical and mechanical characteristics

		DRX 250 HP 25 kA	DRX 250 HP 36 kA	DRX 250 HP 50 kA
Number of poles		3P - 4P	3P - 4P	3P - 4P
Release type		thermal-magnetic		
Rated current In (A)		16, 20, 25, 32, 40, 50, 63, 80, 100, 125, 160, 200, 250		
Rated insulation voltage Ui (V)		800	800	800
Rated operating voltage (50/60 Hz) Ue (V)		550	550	550
Rated impulse withstand Voltage Uimp (kV)		8	8	8
Rated frequency (Hz)		50 - 60	50 - 60	50 - 60
Reference ambient temperature Tamb (°C)		40 - 50	40 - 50	40 - 50
Operating temperature (°C)		-25 to 70	-25 to 70	-25 to 70
Rated ultimate short-circuit breaking capacity Icu (kA) IEC 60947-2	220/240 V~	40	70	90
	380/415 V~	25	36	50
	440/460 V~	20	30	45
	480/500 V~	4	4	4
	550 V~	4	4	4
Rated service short-circuit breaking capacity Ics (% Icu)		100	100	100
Rated short-circuit making capacity Icm (kA) at 415 V~		52.5	75.6	105
Neutral protection for 4P version (% Ith)		100	100	100
Rated ultimate short-circuit breaking capacity Icu (kA) NEMA AB-1	220/240 V~	40	70	90
	480/500 V~	4	4	4
	550 V~	4	4	4
Category of use		A	A	A
Suitable for isolation		Yes	Yes	Yes
Thermal adjustment Ir (A)		0.8 - 0.9 - 1.0 x In		
Magnetic adjustment Ii (A)		Adjustable : 400 A, for In up to 40 A 6.5 - 10 - 13 x In, for In = 50 A 5 - 7.5 - 10 x In, for 63 A ≤ In ≤ 250 A		
Endurance (cycles)	mechanical	12000	12000	12000
	electrical at In	6000	6000	6000
	electrical at 0.5 In	6000	6000	6000
Neutral protection for 4P version (%)		100	100	100
Dimensions W x H x D (mm)	3P	105 x 165 x 86		
	4P	140 x 165 x 86		
Weight (kg)	3P	1.6		
	4P	2.05		

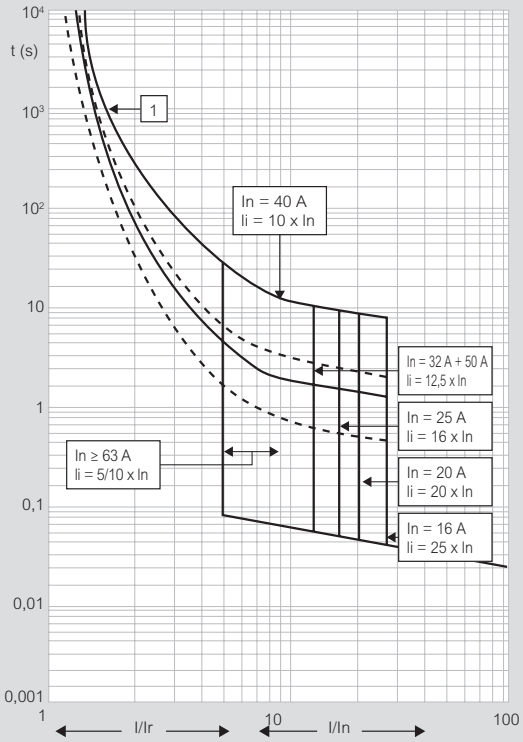
DRX™ 250 HP

tripping curves

Curves

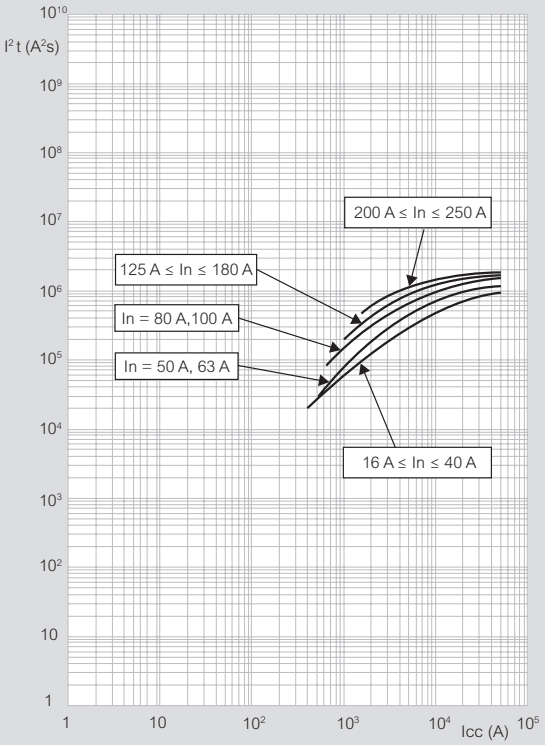
Thermal magnetic tripping curve

I_{cu} = 25 / 36 / 50 kA I_{max} = 250 A 3P - 4P U_e = 415 V~



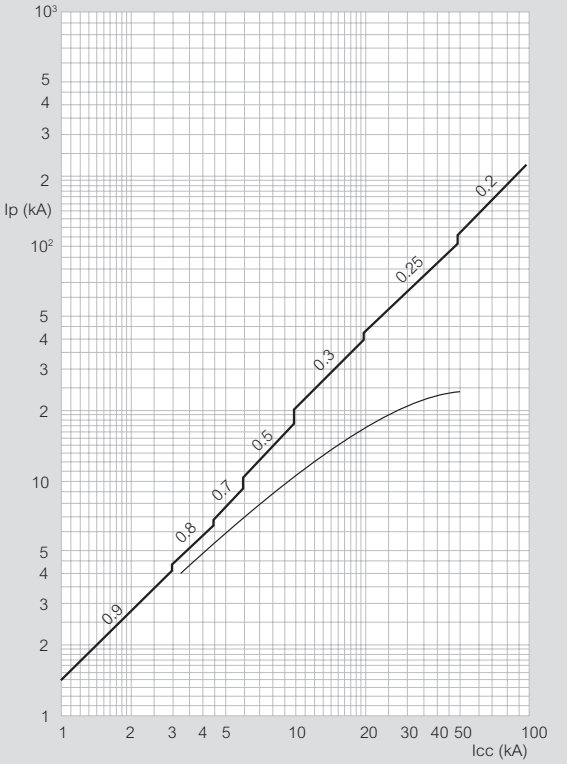
t = time
I = rated current
I_n = rated current
I_r = long time setting current
curve 1 = characteristic with cold start
curve 2 = characteristic with hot start

Pass-through specific energy characteristic curve



Icc = estimated short circuit symmetrical current (RMS value)
I^2t (A^2) = pass-through specific energy

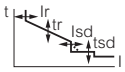
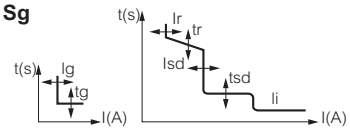
Cut-off peak current characteristic curve (kA)



Icc = estimated short circuit symmetrical current (RMS value)
Ip = maximum short circuit peak current
—— maximum prospective short circuit peak current corresponding at the power factor
– – – maximum real peak short circuit current by contact limiting effect

DPX³ MCCBs from 16 to 250 A

fixing on ⎓ rail or on plate

DEVICES	DPX³ 160 thermal magnetic				DPX³ 250 thermal magnetic			DPX³ 250 electronic release		
Mounting	On rail ⎓ or on plate				On rail ⎓ or on plate			On rail ⎓ or on plate		
Breaking capacity (kA) (EN 60947-2 and IEC 60947-2)	16 kA	25 kA	36 kA	50 kA	25 kA	36 kA	50 kA	25 kA	36 kA	50 kA
380/415 V~	16	25	36	50	25	36	50	25	36	50
220/240 V~	25	35	50	65	40	60	100	40	60	100
Breaking capacity (% Icu)	100	100	100	100	100	100	100	100	100	100
Characteristic of use										
Nominal frequency	50/60 Hz									
Maximum rated operating voltage Ue	690 V (500 V with integrated e.l.c.bs)				690 V (500 V with integrated e.l.c.bs)			690 V (500 V with integrated e.l.c.bs)		
Category of use	A				A			A		
Thermal magnetic adjustment										
Thermal	0.8 to 1 In				0.8 to 1 In			-		
Magnetic	10 In (400 A for 16 A and 25 A sizes)				5 to 10 In			-		
Electronic protection adjustment										
S2 	-				-			Ir : 0.4 to 1 In Isd : 1.5 to 10 Ir		
Sg 										
Maximum cable cross-section										
Rigid cable	150 mm²				150 mm²			150 mm²		
Flexible cable	120 mm²				120 mm²			120 mm²		
Copper bar and lug width	18 mm				28.5 mm(1)			28.5 mm(1)		
Tightening torque	8 Nm				10 Nm			10 Nm		
Nominal current (In) at 40 °C (A)										
In (A)	16	25	40	63	80	100	125	160	100	160	200	40	100	160
Phase	16	25	40	63	80	100	125	160	100	160	200	40	100	160
N	16	25	40	63	80	100	125	160	100	160	200	40	100	160
N/2	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Magnetic threshold (Im) (A)(2) of DPX³ thermal magnetic	Fixed								Adjustable			Adjustable		
In (A)	16	25	40	63	80	100	125	160	100	160	200	-		
Phase	400	400	400	630	800	1000	1250	1600	500-1000	800-1600	1000-2000	-		
N	400	400	400	630	800	1000	1250	1600	500-1000	800-1600	1000-2000	-		
N/2	-	-	-	-	-	-	-	-	-	-	-	-		
Endurance (cycles)										
Electrical	8000				8000			8000		
Mechanical	25000				20000			20000		
Electronic earth leakage module										
Type	without or integrated				without or integrated			without or integrated		

1: Copper bars only
2: Trip current for 50/60 Hz. For direct current, multiply by 1.5

DPX³ 160

thermal magnetic release MCCBs from 16 to 160 A - fixing on ⊔ rail or on plate

4 200 00

4 200 10

4 200 37

4 201 57

Dimensions **p. 188**
Electrical characteristics **p. 189**

Can be mounted on rail ⊔ or on plate in XL³ and XL³ S cabinets and enclosures
MCCBs for switching, control isolation and protection of low voltage electrical lines
Supplied with fixing screws cage terminals 70 mm² max. (flexible cable) or 95 mm² max. rigid cable with accessories (p. 160)
Can be fitted with DPX³ 160 and 250 common auxiliaries and accessories (p. 165)
Conform to IEC 60947-2

MCCBs thermal magnetic release - fixed version

Thermal adjustable from 0.8 to 1 In
Magnetic fixed at 10 In (fixed at 400 A for In 16 A and 25 A)

Pack	Cat.Nos 3P	Cat.Nos 4P	In (A)
	Breaking capacity Icu 16 kA (400 V~)		
1	4 200 00	4 200 10	16
1	4 200 01	4 200 11	25
1	4 200 02	4 200 12	40
1	4 200 03	4 200 13	63
1	4 200 04	4 200 14	80
1	4 200 05	4 200 15	100
1	4 200 06	4 200 16	125
1	4 200 07	4 200 17	160
	Breaking capacity Icu 25 kA (400 V~)		
1	4 200 40	4 200 50	16
1	4 200 41	4 200 51	25
1	4 200 42	4 200 52	40
1	4 200 43	4 200 53	63
1	4 200 44	4 200 54	80
1	4 200 45	4 200 55	100
1	4 200 46	4 200 56	125
1	4 200 47	4 200 57	160
	Breaking capacity Icu 36 kA (400 V~)		
1	4 200 80	4 200 90	16
1	4 200 81	4 200 91	25
1	4 200 82	4 200 92	40
1	4 200 83	4 200 93	63
1	4 200 84	4 200 94	80
1	4 200 85	4 200 95	100
1	4 200 86	4 200 96	125
1	4 200 87	4 200 97	160
	Breaking capacity Icu 50 kA (400 V~)		
1	4 201 20	4 201 30	16
1	4 201 21	4 201 31	25
1	4 201 22	4 201 32	40
1	4 201 23	4 201 33	63
1	4 201 24	4 201 34	80
1	4 201 25	4 201 35	100
1	4 201 26	4 201 36	125
1	4 201 27	4 201 37	160

MCCBs thermal magnetic release with electronic earth leakage module - fixed version

Thermal adjustable from 0.8 to 1 In
Magnetic fixed at 10 In (fixed at 400 A for In 16 A and 25 A)
Equipped with earth leakage module with LCD screen
Adjustable sensitivity: 0.03 - 0.3 - 1 - 3 A
Adjustable tripping: 0 - 0.3 - 1 - 3s (with 0.03 A possible only 0 s)

Pack	Cat.Nos 4P	In (A)
	Breaking capacity Icu 16 kA (400 V~)	
1	4 200 30	16
1	4 200 31	25
1	4 200 32	40
1	4 200 33	63
1	4 200 34	80
1	4 200 35	100
1	4 200 36	125
1	4 200 37	160
	Breaking capacity Icu 25 kA (400 V~)	
1	4 200 70	16
1	4 200 71	25
1	4 200 72	40
1	4 200 73	63
1	4 200 74	80
1	4 200 75	100
1	4 200 76	125
1	4 200 77	160
	Breaking capacity Icu 36 kA (400 V~)	
1	4 201 10	16
1	4 201 11	25
1	4 201 12	40
1	4 201 13	63
1	4 201 14	80
1	4 201 15	100
1	4 201 16	125
1	4 201 17	160
	Breaking capacity Icu 50 kA (400 V~)	
1	4 201 50	16
1	4 201 51	25
1	4 201 52	40
1	4 201 53	63
1	4 201 54	80
1	4 201 55	100
1	4 201 56	125
1	4 201 57	160

DPX³ I trip-free switches
p. 186

DPX³ magnetic release only MCCBs
p. 186-187

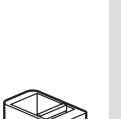
DPX³ 160 equipment and mounting accessories

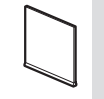
4 210 55

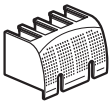
4 210 71

4 210 68

Pack	Cat.Nos	Connection accessories
		High capacity cage terminals For Cu/Al cables, 1 x 120 mm² for flexible cables and 1 x 150 mm² for rigid cable and 18 mm bars
1	4 210 26	Set of 3 terminals
1	4 210 27	Set of 4 terminals
		Cage terminals For Cu cables, 1 x 70 mm² for flexible cables and 1 x 95 mm² for rigid cables and 14 mm bars
1	4 210 93	Set of 3 terminals
1	4 210 94	Set of 4 terminals
		Insulated shields (phase barriers)
1	4 210 70	Set of 36 insulated shields
		Screw terminals for bars connection For copper bars
1	4 210 28	Set of 3 terminals
1	4 210 29	Set of 4 terminals
		Spreaders For incoming bars or cable lugs
1	4 210 32	Set of 3 spreaders for DPX³ 160 3P
1	4 210 33	Set of 4 spreaders for DPX³ 160 4P
		Sealable terminal shields
		For front terminals
1	4 210 54	For DPX³ 160 3P
1	4 210 55	For DPX³ 160 3P
		Fixing plates
		For fixing DPX³ 160 on ⊔ rail or on plate
1	4 210 71	For DPX³ 160 3P/4P without earth leakage module
1	4 210 73	For DPX³ 160 4P with earth leakage module
1	4 210 68	For DPX³ 160 3P/4P with side mounting motor operator





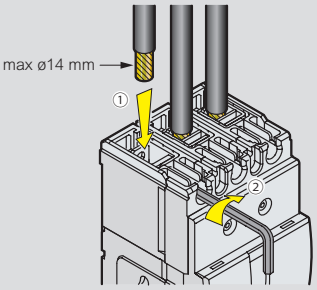


DPX³ 160

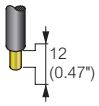
connection

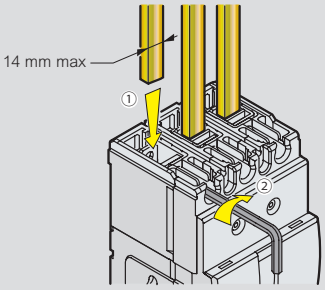
Connection

Direct connection

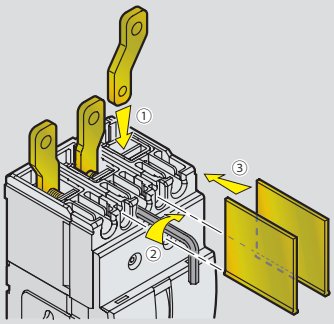


Flexible
1,5 ⟶ 70 mm²
#16 ⟶ #2/0 AWG
or
Solid
1,5 ⟶ 95 mm²
#16 ⟶ #4/0 AWG

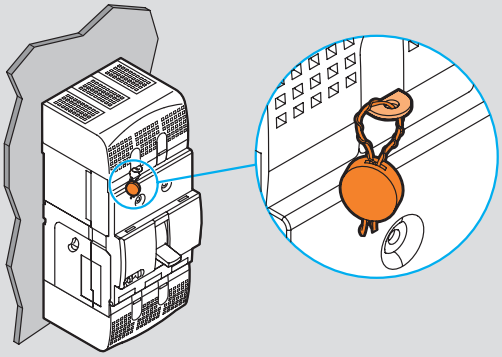




Spreaders



Sealable terminal shield



DPX³ 250

thermal magnetic release MCCBs from 100 to 250 A - fixing on ⊔ rail or on plate

4 202 05

4 202 25

Dimensions **p. 188**
Electrical characteristics **p. 189**

Can be mounted on rail ⊔ or on plate in XL³ and XL³ S cabinets and enclosures
MCCBs for switching, control isolation and protection of low voltage electrical lines
Supplied with fixing screws, connection plates for bars and cable lugs and insulated shileds (phase barriers)
Can be fitted with cage terminals 120 mm² max. (flexible cable) or 150 mm² max. rigid cable (p. 164)
and with DPX³ 160 and 250 common auxiliaries and accessories (p. 165)
Conform to IEC 60947-2

MCCBs thermal magnetic release - fixed version

Thermal adjustable from 0.8 to 1 In
Magnetic adjustable from 5 to 10 In

Pack	Cat.Nos 3P	Cat.Nos 4P	In (A)
			Breaking capacity Icu 25 kA (400 V∿)
1	4 202 05	4 202 15	100
1	4 202 07	4 202 17	160
1	4 202 08	4 202 18	200
1	4 202 09	4 202 19	250
			Breaking capacity Icu 36 kA (400 V∿)
1	4 202 35	4 202 45	100
1	4 202 37	4 202 47	160
1	4 202 38	4 202 48	200
1	4 202 39	4 202 49	250
			Breaking capacity Icu 50 kA (400 V∿)
1	4 202 65	4 202 75	100
1	4 202 67	4 202 77	160
1	4 202 68	4 202 78	200
1	4 202 69	4 202 79	250

MCCBs thermal magnetic release with electronic earth leakage module - fixed version

Thermal adjustable from 0.8 to 1 In
Magnetic adjustable from 5 to 10 In
Equipped with earth leakage module with LCD screen
Adjustable sensitivity: 0.03 - 0.3 - 1 - 3 A
Adjustable tripping: 0 - 0.3 - 1 - 3s (with 0.03 A possible only 0s)

Pack	Cat.Nos 4P	In (A)
		Breaking capacity Icu 25 kA (400 V∿)
1	4 202 25	100
1	4 202 27	160
1	4 202 28	200
1	4 202 29	250
		Breaking capacity Icu 36 kA (400 V∿)
1	4 202 55	100
1	4 202 57	160
1	4 202 58	200
1	4 202 59	250
		Breaking capacity Icu 50 kA (400 V∿)
1	4 202 85	100
1	4 202 87	160
1	4 202 88	200
1	4 202 89	250

DPX³ I trip-free switches
p. 186

DPX³ magnetic release only MCCBs
p. 186-187

DPX³ 250

S2 electronic release MCCBs from 40 to 250 A - fixing on ⊔ rail or on plate

4 203 69

4 203 25

Dimensions **p. 188**
Electrical characteristics **p. 189**

Can be mounted on rail ⊔ or on plate in XL³ and XL³ S cabinets and enclosures
MCCBs for switching, control isolation and protection of low voltage electrical lines
Supplied with fixing screws, connection plates for bars and cable lugs and insulated shileds (phase barriers)
Can be fitted with cage terminals 120 mm² max. (flexible cable) or 150 mm² max. rigid cable (p. 164)
and with DPX³ 160 and 250 common auxiliaries and accessories (p. 165)
Conform to IEC 60947-2

MCCBs S2 electronic release - fixed version

Protection against overloads:
Ir adjustable from 0.4 to 1 x In
tr adjustable from 3 to 15s
Protection against short circuits:
Isd adjustable from 1.5 to 10 x Ir
tsd adjustable from 0 to 0.5s

Pack	Cat.Nos 3P	Cat.Nos 4P	In (A)
			Breaking capacity Icu 25 kA (400 V∿)
1	4 203 02	4 203 12	40
1	4 203 05	4 203 15	100
1	4 203 07	4 203 17	160
1	4 203 09	4 203 19	250
			Breaking capacity Icu 36 kA (400 V∿)
1	4 203 32	4 203 42	40
1	4 203 35	4 203 45	100
1	4 203 37	4 203 47	160
1	4 203 39	4 203 49	250
			Breaking capacity Icu 50 kA (400 V∿)
1	4 203 62	4 203 72	40
1	4 203 65	4 203 75	100
1	4 203 67	4 203 77	160
1	4 203 69	4 203 79	250

MCCBs S2 electronic release with electronic earth leakage module - fixed version

Protection against overloads:
Ir adjustable from 0.4 to 1 x In
tr adjustable from 3 to 15s
Protection against short circuits:
Isd adjustable from 1.5 to 10 x Ir
tsd adjustable from 0 to 0.5s
Equipped with earth leakage module with LCD screen
Adjustable sensitivity: 0.03 - 0.3 - 1 - 3 A
Adjustable tripping: 0 - 0.3 - 1 - 3s (with 0.03 A possible only 0s)

Pack	Cat.Nos 4P	In (A)
		Breaking capacity Icu 25 kA (400 V∿)
1	4 203 22	40
1	4 203 25	100
1	4 203 27	160
1	4 203 29	250
		Breaking capacity Icu 36 kA (400 V∿)
1	4 203 52	40
1	4 203 55	100
1	4 203 57	160
1	4 203 59	250
		Breaking capacity Icu 50 kA (400 V∿)
1	4 203 82	40
1	4 203 85	100
1	4 203 87	160
1	4 203 89	250

DPX³ 250

S2 electronic release MCCBs from 40 to 250 A - fixing on ⊔ rail or on plate (continued)

4 206 79

4 204 25

Dimensions **p. 188**
Electrical characteristics **p. 189**

Can be mounted on rail ⊔ or on plate in XL³ and XL³ S cabinets and enclosures
MCCBs for switching, control isolation and protection of low voltage electrical lines
Supplied with fixing screws, connection plates for bars and cable lugs and insulated shileds (phase barriers)
Can be fitted with cage terminals 120 mm² max. (flexible cable) or 150 mm² max. rigid cable (p. 164)
and with DPX³ 160 and 250 common auxiliaries and accessories (p. 165)
Conform to IEC 60947-2

MCCBs S2 electronic release with energy metering central unit - fixed version

Protection against overloads:
Ir adjustable from 0.4 to 1 x In
tr adjustable from 3 to 15s
Protection against short circuits:
Isd adjustable from 1.5 to 10 x Ir
tsd adjustable from 0 to 0.5s
Integrated energy metering central unit with LCD screen; currents, voltage, frequency, power, energy and harmonics

Pack	Cat.Nos 3P	Cat.Nos 4P	In (A)
			Breaking capacity Icu 25 kA (400 V∿)
1	4 204 02	4 204 12	40
1	4 204 05	4 204 15	100
1	4 204 07	4 204 17	160
1	4 204 09	4 204 19	250
			Breaking capacity Icu 36 kA (400 V∿)
1	4 204 32	4 204 42	40
1	4 204 35	4 204 45	100
1	4 204 37	4 204 47	160
1	4 204 39	4 204 49	250
			Breaking capacity Icu 50 kA (400 V∿)
1	4 204 62	4 204 72	40
1	4 204 65	4 204 75	100
1	4 204 67	4 204 77	160
1	4 204 69	4 204 79	250

MCCBs S2 electronic release with energy metering central unit and electronic earth leakage module - fixed version

Protection against overloads:
Ir adjustable from 0.4 to 1 x In
tr adjustable from 3 to 15s
Protection against short circuits:
Isd adjustable from 1.5 to 10 x Ir
tsd adjustable from 0 to 0.5s
Equipped with earth leakage module with LCD screen
Adjustable sensitivity: 0.03 - 0.3 - 1 - 3 A
Adjustable tripping: 0 - 0.3 - 1 - 3s (with 0.03 A possible only 0s)
Integrated energy metering central unit with LCD screen; currents, voltage, frequency, power, energy and harmonics

Pack	Cat.Nos 4P	In (A)
		Breaking capacity Icu 25 kA (400 V∿)
1	4 204 22	40
1	4 204 25	100
1	4 204 27	160
1	4 204 29	250
		Breaking capacity Icu 36 kA (400 V∿)
1	4 204 52	40
1	4 204 55	100
1	4 204 57	160
1	4 204 59	250
		Breaking capacity Icu 50 kA (400 V∿)
1	4 204 82	40
1	4 204 85	100
1	4 204 87	160
1	4 204 89	250

DPX³ 250 - Sg electronic release MCCBs from 40 to 250 A - fixing on ⊔ rail or on plate

4 205 49

Dimensions **p. 188**
Electrical characteristics **p. 189**

Can be mounted on rail ⊔ or on plate in XL³ and XL³ S cabinets and enclosures
MCCBs for switching, control isolation and protection of low voltage electrical lines
Supplied with fixing screws, connection plates for bars and cable lugs and insulated shileds (phase barriers)
Can be fitted with cage terminals 120 mm² max. (flexible cable) or 150 mm² max. rigid cable (p. 164) and with DPX³ 160 and 250 common auxiliaries and accessories (p. 165)
Conform to IEC 60947-2

Pack	Cat.Nos 3P	Cat.Nos 4P	In (A)
			MCCBs Sg electronic release - fixed version Protection against averloads: Ir adjustable from 0.4 to 1 x In tr adjustable from 3 to 15s Protection against short circuits: Isd adjustable from 1.5 to 10 x Ir tsd adjustable from 0 to 0.5s Protection against earth fault: Ig adjustable: from 0.2 to 1 x In and OFF position tg adjustable from 0.1 to 1s
			Breaking capacity Icu 25 kA (400 V∿)
1	4 205 02	4 205 12	40
1	4 205 05	4 205 15	100
1	4 205 07	4 205 17	160
1	4 205 09	4 205 19	250
			Breaking capacity Icu 36 kA (400 V∿)
1	4 205 22	4 205 32	40
1	4 205 25	4 205 35	100
1	4 205 27	4 205 37	160
1	4 205 29	4 205 39	250
			Breaking capacity Icu 50 kA (400 V∿)
1	4 205 42	4 205 52	40
1	4 205 45	4 205 55	100
1	4 205 47	4 205 57	160
1	4 205 49	4 205 59	250

DPX³ 250 equipment and mounting accessories

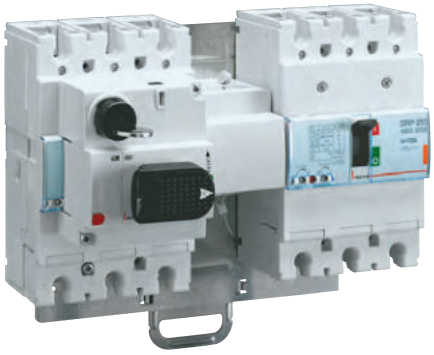
4 210 31

4 210 35

4 210 72

Pack	Cat.Nos	
		Connection accessories
		Cage terminals For Cu/Al cables, 1 x 120 mm² for flexible cables and 1 x 150 mm² for rigid cables and lugs 28.5 x 8 x 8.5 mm
1	4 210 30	Set of 3 terminals
1	4 210 31	Set of 4 terminals
		Screw terminals for bar connections
1	4 210 79	Set of 3 terminals
1	4 210 80	Set of 4 terminals
		Insulated shields (phase barriers)
1	4 210 70	Set of 36 insulated shields
		Spreaders For incoming bars or cable lugs
1	4 210 34	Set of 3 spreaders for DPX³ 250 3P
1	4 210 35	Set of 4 spreaders for DPX³ 250 4P
		Sealable terminal shields
		For front terminals
1	4 210 56	For DPX³ 250 3P
1	4 210 57	For DPX³ 250 4P
		Fixing plates
		For fixing DPX³ 250 on ⊔ rail or on plate
1	4 210 72	For DPX³ 250 3P/4P without earth leakage module
1	4 210 74	For DPX³ 250 4P with earth leakage module
1	4 210 69	For DPX³ 250 3P/4P with side mounting motor operator

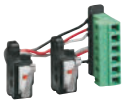
DPX³ 160 and 250 common auxiliaries and accessories



4 210 58 equipped with 2 DPX³ 250 and a rotary handle Cat.No 4 210 00

4 210 00

4 210 60



4 210 10

4 210 11

4 210 16

4 210 22

Pack	Cat.Nos	
		Fixing plates for transfer switches
		Plate for mounting and interlocking of 2 DPX³ For 2 DPX³ 160 or 2 DPX³ 250 or 1 DPX³ 160 and 1 DPX³ 250
1	4 210 58	For fixed version
		Rotary handles
		Direct on DPX
1	4 210 00	Standard handle for thermal magnetic DPX³ without earth leakage module
1	4 210 01	Standard handle for electronic DPX³ and/or with earth leakage module
1	4 210 02	Handle for emergency use for thermal magnetic DPX³ without earth leakage module
1	4 210 03	Handle for emergency use for electronic DPX³ and/ or with earth leakage module
		Vari-depth handles For all version of DPX³
1	4 210 04	Standard handle (black)
1	4 210 05	Handle for emergency use (red/yellow)
		Locking accessories
1	4 228 00	Key barrel and Ronis key EL43525 for direct handle
1	4 228 01	Key barrel and Ronis key EL43363 for direct handle
1	4 228 02	Key barrel and Ronis key EL43525 for vari-depth handle
1	4 228 03	Key barrel and Ronis key EL43363 for vari-depth handle
1	4 210 06	Key barrel and flat key N° ABA90GEL6149 for direct handle
1	4 210 07	Key barrel and star key N° HBA90GPS6149 for direct handle
1	4 210 08	Key barrel and flat key N° ABA90GEL6149 for vari-depth handle
1	4 210 09	Key barrel and star key N° HBA90GPS6149 for vari-depth handle
		Disengageable rotary handles
		Direct on DPX
1	4 201 60	Standard handle (black)
1	4 201 73	Handle for emergency use (red/yellow)
		Vari-depth handles Comprising: connection rod, bracket, self adhesive drilling template, mounting accessories and door locking mechanism
1	4 201 61	Standard handle (black)
1	4 201 74	Handle for emergency use (red/yellow)
		Locking accessories for disengageable rotary handles
1	4 201 64	Key barrel and flat key for direct handles
1	4 201 65	Key barrel and flat key EL43525 for direct handles
1	4 201 66	Key barrel and flat key EL43363 for direct handles
1	4 201 67	Key barrel and flat key for vari-depth handles
1	4 201 68	Key barrel and flat key EL43525 for vari-depth handle
1	4 210 69	Key barrel and flat key EL43363 for vari-depth handle

Pack	Cat.Nos	
		Motor-driven handles
		Motor operators 24 to 230 V⏦/⎓
1	4 210 60	Side motor operator
		Locking accessories
1	4 210 65	Key barrel and flat key N° ABA90GEL6149 for side motor operator
1	4 210 66	Key barrel and star key N° HBA90GPS6149 for side motor operator
1	4 210 67	Padlock for side motor operator
		Auxiliary contact or fault signal
1	4 210 10	1 N/C + 1 N/O auxiliary contact for rotary handles
1	4 210 11	Auxiliary contact or fault signalling contact
		Shunt releases
		Allow remote tripping of a DPX³/DPX³-I 160/250 and DPX³/DPX³-I 125/250 HP
1	4 210 12	12 V⏦/⎓
1	4 210 13	24 V⏦/⎓
1	4 210 14	48 V⏦/⎓
1	4 210 15	110-130 V⏦
1	4 210 16	200-277 V⏦
1	4 210 17	380-480 V⏦
		Undervoltage releases
		Allow remote tripping of a DPX³/DPX³-I 160/250 and DPX³/DPX³-I 125/250 HP
1	4 210 18	12 V⏦/⎓
1	4 210 19	24 V⏦/⎓
1	4 210 20	48 V⏦/⎓
1	4 210 21	110-130 V⏦/⎓
1	4 210 22	200-240 V⏦
1	4 210 23	277 V⏦
1	4 210 24	380-415 V⏦
1	4 210 25	440-480 V⏦
		Time lag (800 ms) undervoltage release
		Allow remote tripping of a DPX³/DPX³-I 160/250 and DPX³/DPX³-I 125/250 HP
		Prevents false tripping in the event of power supply microbreaks
		Time-lag modules — Number of modules
1	0 261 90	230 V⏦ — 3
1	0 261 91	400 V⏦ — 3
		Release To be equipped with a time-lag module Cat.Nos 0 261 90/91
1	4 210 98	For DPX³/DPX³-I 160/250 and DPX³/DPX³-I 125/250 HP
		Locking accessory
1	4 210 49	Padlock for locking in "open" position For DPX³ 160/250 and DPX 125/250 HP

RS 485 communication interface **p. 184**

Red catalogue numbers: New products

DPX³ MCCBs from 16 to 1600 A

fixing on plate

DEVICES	DPX³ 125 HP thermal magnetic				DPX³ 160 HP thermal magnetic				DPX³ 250 HP thermal magnetic			
Mounting	On plate				On plate				On plate			
Breaking capacity (kA) (EN 60947-2 and IEC 60947-2)	36 kA	50 kA	70 kA	100 kA	36 kA	50 kA	70 kA	100 kA	36 kA	50 kA	70 kA	100 kA
380/415 V~	36	50	70	100	36	50	70	100	36	50	70	100
220/240 V~	70	90	100	150	70	90	100	150	70	90	100	150
Breaking capacity (% Icu)	100	100	100	100	100	100	100	100	100	100	100	100
Characteristic of use												
Nominal frequency	50/60 Hz				50/60 Hz				50/60 Hz			
Maximum rated operating voltage Ue	690 V (500 V with integrated e.l.c.b[1])				690 V (500 V with integrated e.l.c.b[1])				690 V (500 V with integrated e.l.c.b[1])			
Category of use	A				A				A			
Thermal magnetic adjustment												
Thermal	0.8 to 1 In				0.8 to 1 In				0.8 to 1 In			
Magnetic	10 In (400 A for In from 16 A to 40 A sizes)				10 In				400 A for In from 16 A to 40 A sizes / 6.5 to 13 In for In = 50 A 5 to 10 In for In > 50 A			
Electronic protection adjustment												
S1	-				-				-			
S10												
Maximum cable cross-section												
Rigid cable	50 mm²				70 mm²				150 mm²			
Flexible cable	50 mm²				70 mm²				120 mm²			
Copper bar and lug width	17 mm				17 mm				25 mm[2]			
Tightening torque	7 Nm				7 Nm				In ≤ 125 A : 7 Nm / In > 125 A : 10 Nm			
Nominal current (In) at 40 °C (A)												
In (A)	16	20	25	32	40	50	63	80	100	125	160	
Phase	16	20	25	32	40	50	63	80	100	125	160	
N	16	20	25	32	40	50	63	80	100	125	160	
Magnetic threshold (Isd) (A)[3] of DPX³ and DPX³ HP thermal magnetic	Fixed				Fixed				Adjustable			
In (A)	16	20	25	32	40	50	63	80	100	125	160	
Phase	400	400	400	400	400	500	630	800	1000	1250	1600	
N	400	400	400	400	400	500	630	800	1000	1250	1600	
Endurance (cycles)												
Electrical	8000				8000				6000			
Mechanical	20000				20000				12000			
Electronic earth leakage module												
Type	without or integrated[1]				without or integrated[1]				without or integrated[1]			

DEVICES	DPX³ 250 HP electronic release				DPX³ 630 thermal magnetic				DPX³ 630 electronic release				DPX³ 1600 thermal magnetic				DPX³ 1600 electronic release			
Mounting	On plate				On plate				On plate				On plate				On plate			
Breaking capacity (kA) (EN 60947-2 and IEC 60947-2)	36 kA	50 kA	70 kA	100 kA	36 kA	50 kA	70 kA	100 kA	36 kA	50 kA	70 kA	100 kA	36 kA	50 kA	70 kA	100 kA	36 kA	50 kA	70 kA	100 kA
380/415 V~	36	50	70	100	36	50	70	100	36	50	70	100	36	50	70	100	36	50	70	100
220/240 V~	70	90	100	150	70	100	120	170	70	100	120	170	70	100	120	170	70	100	120	170
Breaking capacity (% Icu)	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
Characteristic of use																				
Nominal frequency	50/60 Hz				50/60 Hz															
Maximum rated operating voltage Ue	690 V (500 V with integrated e.l.c.b[1])				690 V~				690 V~				690 V~				690 V~			
Category of use	A				A				A: In 630 A - B: In 200 to 400 A				A				B			
Thermal magnetic adjustment																				
Thermal	-				0.8 to 1 In				-				0.8 to 1 In				-			
Magnetic	-				5 to 10 In				-				5 to 10 In				-			
Electronic protection adjustment																				
S1		S1	S10 - on MCCB[4]							S1	S10 - on MCCB[4]							S1	S10 - on MCCB[4]	
Ir		0.4 to 1 x In	0.2 to 1 x In / step 1 A							0.4 to 1 x In	0.2 to 1 x In / step 1 A							0.4 to 1 x In	0.2 to 1 x In / step 1 A	
tr		5 s	3 - 5 - 10 - 15 s							5 s	3 to 30 s							5 s	3 to 30 s	
Isd		1.5 to 10 x Ir	1.5 to 3 x Ir / step 0.5 x Ir 3 to 10 x Ir / step Ir							1.5 to 10 x Ir	1.5 to 3 x Ir / step 0.5 x Ir 3 to 10 x Ir / step Ir							1.5 to 10 x Ir	1.5 to 3 x Ir / step 0.5 x Ir 3 to 10 x Ir / step Ir	
tsd (t=k, I2t=k)		100 ms	40 to 480 ms							100 ms	40 to 480 ms							100 ms	40 to 480 ms	
Ii (t=k)		-	-							-	-							-	-	
Ig		-	0.2 to 1 x In / step 0.1 x In							-	0.2 to 1 x In / step 0.1 x In							-	0.2 to 1 x In / step 0.1 x In	
tg (t=k, I2t=k)		-	80 to 480 ms and 1 s							-	80 to 480 ms and 1 s							-	80 to 480 ms and 1 s	
Maximum cable cross-section																				
Rigid cable	150 mm²				300 mm² or 2 x 240 mm²				300 mm² or 2 x 240 mm²				2 or 4 x 240 mm²				2 or 4 x 240 mm²			
Flexible cable	120 mm²				240 mm² or 2 x 185 mm²				240 mm² or 2 x 185 mm²				2 or 4 x 185 mm²				2 or 4 x 185 mm²			
Copper bar and lug width	25 mm[2]				32 mm				32 mm				50 mm				50 mm			
Tightening torque	10 Nm				15 Nm				15 Nm				20 Nm				20 Nm			
Nominal current (In) at 40 °C (A)																				
In (A)	40	100	160	250	250	320	400	500	630											
Phase	40	100	160	250	250	320	400	500	630											
N	0-50-100 % of phase value (for S1) 0-50-100-150-200 % of phase value (for S10)				250	320	400	500	630											
Magnetic threshold (Isd) (A)[3] of DPX³ and DPX³ HP thermal magnetic					Adjustable															
In (A)					250	320	400	500	630											
Phase	-				1250-2500	1600-3200	2000-4000	2500-5000	3150-6300											
N					1250-2500	1600-3200	2000-4000	2500-5000	3150-6300											
Endurance (cycles)																				
Electrical	6000				5000				5000				4000				4000			
Mechanical	6000				10000				20000				10000				10000			
Electronic earth leakage module																				
Type	without or integrated[1]				downstream e.l.c.bs.				downstream e.l.c.bs.				-				-			

1: Available only for 36 kA and 50 kA breaking capacities
2: Copper bars only
3: Trip current for 50/60 Hz. For direct current, multiply by 1.5
4: Software/App. settings (see p. 193 and 198)

DPX³ magnetic release only, **p. 186-187**

DPX³ 125 HP

thermal magnetic release MCCBs from 16 to 125 A - fixing on plate

4 236 49

4 236 59

4 236 39

Dimensions **p. 190**
Electrical characteristics **p. 193**

Moulded case MCCBs for switching, control isolation and protection of low voltage electrical lines
Can be fitted with auxiliaries (p. 175)
Supplied with: screws for connections, fixing screws and insulated shields (phase barriers)
Can be fitted with cage terminals 120 mm² max. (flexible cable) or 150 mm² max. rigid cable (p. 169)
Conform to IEC 60947-2 - Sealable adjustment.
Can be mounted on plate in XL³ and XL³ S cabinets and enclosures

MCCBs thermal magnetic release - fixed version

Thermal adjustable from 0.8 to 1 In
Magnetic fixed at 10 In (fixed at 400 A for In from 16 A to 40 A)

Breaking capacity Icu 36 kA (400 V~)

Pack	Cat.Nos 3P	Cat.Nos 4P	In (A)
1	4 236 00	4 236 10	16
1	4 236 01	4 236 11	20
1	4 236 02	4 236 12	25
1	4 236 03	4 236 13	32
1	4 236 04	4 236 14	40
1	4 236 05	4 236 15	50
1	4 236 06	4 236 16	63
1	4 236 07	4 236 17	80
1	4 236 08	4 236 18	100
1	4 236 09	4 236 19	125

Breaking capacity Icu 50 kA (400 V~)

Pack	Cat.Nos 3P	Cat.Nos 4P	In (A)
1	4 236 40	4 236 50	16
1	4 236 41	4 236 51	20
1	4 236 42	4 236 52	25
1	4 236 43	4 236 53	32
1	4 236 44	4 236 54	40
1	4 236 45	4 236 55	50
1	4 236 46	4 236 56	63
1	4 236 47	4 236 57	80
1	4 236 48	4 236 58	100
1	4 236 49	4 236 59	125

Breaking capacity Icu 70 kA (400 V~)

Pack	Cat.Nos 3P	Cat.Nos 4P	In (A)
1	4 236 80	4 236 90	16
1	4 236 81	4 236 91	20
1	4 236 82	4 236 92	25
1	4 236 83	4 236 93	32
1	4 236 84	4 236 94	40
1	4 236 85	4 236 95	50
1	4 236 86	4 236 96	63
1	4 236 87	4 236 97	80
1	4 236 88	4 236 98	100
1	4 236 89	4 236 99	125

Breaking capacity Icu 100 kA (400 V~)

Pack	Cat.Nos 3P	Cat.Nos 4P	In (A)
1	4 237 00	4 237 10	16
1	4 237 01	4 237 11	20
1	4 237 02	4 237 12	25
1	4 237 03	4 237 13	32
1	4 237 04	4 237 14	40
1	4 237 05	4 237 15	50
1	4 237 06	4 237 16	63
1	4 237 07	4 237 17	80
1	4 237 08	4 237 18	100
1	4 237 09	4 237 19	125

MCCBs thermal magnetic release with electronic earth leakage module - fixed version

Thermal adjustable from 0.8 to 1 In
Magnetic fixed at 10 In (fixed at 400 A for In from 16 A to 40 A)
Equipped with earth leakage module
Adjustable sensitivity: 0.03 - 0.3 - 1 - 3 A
Adjustable tripping: 0 - 0.3 - 1 - 3 s (with 0.03 A possible only 0 s)

Breaking capacity Icu 36 kA (400 V~)

Pack	Cat.Nos 4P	In (A)
1	4 236 30	16
1	4 236 31	20
1	4 236 32	25
1	4 236 33	32
1	4 236 34	40
1	4 236 35	50
1	4 236 36	63
1	4 236 37	80
1	4 236 38	100
1	4 236 39	125

Breaking capacity Icu 50 kA (400 V~)

Pack	Cat.Nos 4P	In (A)
1	4 236 70	16
1	4 236 71	20
1	4 236 72	25
1	4 236 73	32
1	4 236 74	40
1	4 236 75	50
1	4 236 76	63
1	4 236 77	80
1	4 236 78	100
1	4 236 79	125

DPX³-I 125 HP trip-free switches
p. 186

Red catalogue numbers: New products

DPX³ 160 HP - thermal magnetic release

MCCBs up to 160 A - fixing on plate

4 237 25

4 237 26

Dimensions **p. 190**
Electrical characteristics **p. 193**

Moulded case MCCBs for switching, control isolation and protection of low voltage electrical lines
Can be fitted with auxiliaries (p. 175)
Supplied with: screws for connections, fixing screws and insulated shields (phase barriers)
Can be fitted with cage terminals 120 mm² max. (flexible cable) or 150 mm² max. rigid cable (p. 169)
Conform to IEC 60947-2 - Sealable adjustment
Can be mounted on plate in XL³ and XL³ S cabinets and enclosures

Pack	Cat.Nos		
			MCCBs thermal magnetic release - fixed version
			Thermal adjustable from 0.8 to 1 In Magnetic fixed at 10 In
			Breaking capacity Icu 36 kA (400 V~)
	3P	4P	In (A)
1	4 237 20	4 237 21	160
			Breaking capacity Icu 50 kA (400 V~)
1	4 237 25	4 231 26	160
			Breaking capacity Icu 70 kA (400 V~)
1	4 237 30	4 237 31	160
			Breaking capacity Icu 100 kA (400 V~)
1	4 237 35	4 237 36	160
			MCCBs thermal magnetic release with electronic earth leakage module - fixed version
			Thermal adjustable from 0.8 to 1 In Magnetic fixed at 10 In Equipped with earth leakage module Adjustable sensitivity: 0.03 - 0.3 - 1 - 3 A Adjustable tripping: 0 - 0.3 - 1 - 3 s (with 0.03 A possible only 0 s)
		4P	**Breaking capacity Icu 36 kA (400 V~)** In (A)
1		4 237 23	160
			Breaking capacity Icu 50 kA (400 V~)
1		4 237 28	160

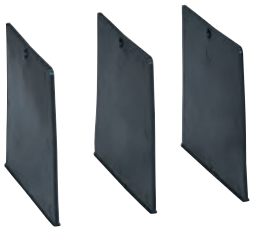
DPX³-I 160 HP trip-free switches
p. 186

DPX³ 125 HP and 160 HP

equipment and accessories

4 238 84

4 238 76



4 238 35

Pack	Cat.Nos	
		Rotary handles
		Direct on DPX³
1	4 238 70	Standard (grey)
1	4 238 71	For emergency use (red/yellow)
		Vari-depth handle IP 55
		Comprising: connection rod, bracket, self-adhesive drilling template, mounting accessories and door lock mechanism
1	4 238 72	Standard (grey)
1	4 238 73	For emergency use (red/yellow)
		Locking accessories for vari-depth handles
		To be equipped with universal keylocks Cat.Nos 4 238 80/81/82/83 (p. 175)
1	4 238 05	For vari-depth handle Cat.Nos 4 238 02/03 (p. 174) and 4 238 72/73
		Connection accessories
		Insulated shields (phase barriers)
1	4 238 34	Set of 2 insulated shields for DPX³ 125/160/250 HP 3P
1	4 238 35	Set of 3 insulated shields for DPX³ 125/160/250 HP 4P
		Padlock
1	4 210 49	Padlock for locking in "open" position For DPX³ 160/250 and DPX³ 125/160/250 HP
		Cage terminals
		For Cu/Al cables, 1 x 70 mm² for flexible and rigid cables (for Al cables In max 80 A)
1	4 238 84	Set of 3 terminals for DPX³ 125/160 HP 3P
1	4 238 85	Set of 4 terminals for DPX³ 125/160 HP 4P
		High capacity cage terminals
		For Cu/Al cables, 1 x 120 mm² for flexible cables and 1 x 150 mm² for rigid cable
1	4 238 76	Set of 3 terminals for DPX³ 125/160 HP 3P
1	4 238 77	Set of 4 terminals for DPX³ 125/160 HP 4P
		Spreaders
		For incoming bars or cable lugs
1	4 238 88	Set of 3 spreaders for DPX³ 125/160 HP 3P
1	4 238 89	Set of 4 spreaders for DPX³ 125/160 HP 4P
		Rear terminals
		Used to convert a fixed version with front terminals to a fixed version with rear terminals
1	4 238 91	Set of 3 rear terminals for DPX³ 125/160 HP 3P
1	4 238 92	Set of 4 rear terminals for DPX3 125/160 HP 4P
		Sealable terminal shields
		For front terminals
1	4 238 93	For DPX³ 125/160 HP 3P
1	4 238 94	For DPX³ 125/160 HP 4P
		Mechanical interlock for transfer switches
1	4 238 27	Interlocking mechanism for 2 fixed DPX³ 125/160/250 HP MCCBs
1	4 238 28	Interlocking mechanism for 2 fixed DPX³ 125/160/250 HP MCCBs with electronic module
1	4 238 25	Plate for mounting and interlocking of 2 DPX³ 125/160 HP

Disengageable rotary handles
p. 165

Universal key locks for DPX³ 125/160/250 HP
p. 175

Red catalogue numbers: New products

DPX³ 250 HP

thermal magnetic release MCCBs from 16 to 250 A - fixing on plate

4 230 72

4 230 87

4 231 17

Dimensions **p. 191-192**
Electrical characteristics **p. 193**

Moulded case MCCBs for switching, control isolation and protection of low voltage electrical lines. Can be fitted with auxiliaries (p. 175)
Supplied with: screws for connections, fixing screws, and insulated shileds (phase barriers)
Can be fitted with cage terminals 120 mm² max. (flexible cable) or 150 mm² max. rigid cable (p. 175)
Can be mounted on plate in XL³ and XL³ S cabinets and enclosures
Conform to IEC 60947-2

MCCBs thermal magnetic release - fixed version

Thermal adjustable from 0.8 to 1 In
Magnetic: fixed at 400 A for In ≤ 40 A, adjustable from 6.5 to 13 In for In = 50 A, adjustable from 5 to 10 In for In ≥ 63 A

Breaking capacity Icu 36 kA (400 V~)

Pack	Cat.Nos 3P	Cat.Nos 4P	In (A)
1	4 230 00	4 230 15	16
1	4 230 01	4 230 16	20
1	4 230 02	4 230 17	25
1	4 230 03	4 230 18	32
1	4 230 04	4 230 19	40
1	4 230 05	4 230 20	50
1	4 230 06	4 230 21	63
1	4 230 07	4 230 22	80
1	4 230 08	4 230 23	100
1	4 230 09	4 230 24	125
1	4 230 10	4 230 25	160
1	4 230 11	4 230 26	200
1	4 230 12	4 230 27	250

Breaking capacity Icu 50 kA (400 V~)

Pack	Cat.Nos 3P	Cat.Nos 4P	In (A)
1	4 230 60	4 230 75	16
1	4 230 61	4 230 76	20
1	4 230 62	4 230 77	25
1	4 230 63	4 230 78	32
1	4 230 64	4 230 79	40
1	4 230 65	4 230 80	50
1	4 230 66	4 230 81	63
1	4 230 67	4 230 82	80
1	4 230 68	4 230 83	100
1	4 230 69	4 230 84	125
1	4 230 70	4 230 85	160
1	4 230 71	4 230 86	200
1	4 230 72	4 230 87	250

Breaking capacity Icu 70 kA (400 V~)

Pack	Cat.Nos 3P	Cat.Nos 4P	In (A)
1	4 231 20	4 231 35	16
1	4 231 21	4 231 36	20
1	4 231 22	4 231 37	25
1	4 231 23	4 231 38	32
1	4 231 24	4 231 39	40
1	4 231 25	4 231 40	50
1	4 231 26	4 231 41	63
1	4 231 27	4 231 42	80
1	4 231 28	4 231 43	100
1	4 231 29	4 231 44	125
1	4 231 30	4 231 45	160
1	4 231 31	4 231 46	200
1	4 231 32	4 231 47	250

Breaking capacity Icu 100 kA (400 V~)

Pack	Cat.Nos 3P	Cat.Nos 4P	In (A)
1	4 231 50	4 231 65	16
1	4 231 51	4 231 66	20
1	4 231 52	4 231 67	25
1	4 231 53	4 231 68	32

MCCBs thermal magnetic release - fixed version (continued)

Breaking capacity Icu 100 kA (400 V~) (continued)

Pack	Cat.Nos 3P	Cat.Nos 4P	In (A)
1	4 231 54	4 231 69	40
1	4 231 55	4 231 70	50
1	4 231 56	4 231 71	63
1	4 231 57	4 231 72	80
1	4 231 58	4 231 73	100
1	4 231 59	4 231 74	125
1	4 231 60	4 231 75	160
1	4 231 61	4 231 76	200
1	4 231 62	4 231 77	250

MCCBs thermal magnetic release with electronic earth leakage module - fixed version

Thermal adjustable from 0.8 to 1 In
Magnetic: fixed at 400 A for In ≤ 40 A, adjustable from 6.5 to 13 In for In = 50 A, adjustable from 5 to 10 In for In ≥ 63 A
Equipped with earth leakage module
Adjustable sensitivity: 0.03 - 0.3 - 1 - 3 A
Adjustable tripping: 0 - 0.3 - 1 - 3 s (with 0.03 A possible only 0 s)

Breaking capacity Icu 36 kA (400 V~)

Pack	Cat.Nos 4P	In (A)
1	4 230 45	16
1	4 230 46	20
1	4 230 47	25
1	4 230 48	32
1	4 230 49	40
1	4 230 50	50
1	4 230 51	63
1	4 230 52	80
1	4 230 53	100
1	4 230 54	125
1	4 230 55	160
1	4 230 56	200
1	4 230 57	250

Breaking capacity Icu 50 kA (400 V~)

Pack	Cat.Nos 4P	In (A)
1	4 231 05	16
1	4 231 06	20
1	4 231 07	25
1	4 231 08	32
1	4 231 09	40
1	4 231 10	50
1	4 231 11	63
1	4 231 12	80
1	4 231 13	100
1	4 231 14	125
1	4 231 15	160
1	4 231 16	200
1	4 231 17	250

Red catalogue numbers: New products

DPX³ 250 HP

S1 electronic release MCCBs from 40 to 250 A - fixing on plate

4 232 28

Dimensions **p. 191-192**
Electrical characteristics **p. 193**

Moulded case MCCBs for switching, control isolation and protection of low voltage electrical lines. Can be fitted with auxiliaries (p. 175)
Supplied with: screws for connection fixing screws, connection plates for bars and cable lugs and insulated shileds (phase barriers)
Can be fitted with cage terminals 120 mm² max. (flexible cable) or 150 mm² max. rigid cable (p. 175)
Can be mounted on plate in XL³ and XL³ S cabinets and enclosures
Conform to IEC 60947-2

MCCBs S1 electronic release - fixed version

Protection against overloads:
Ir adjustable from 0.4 to 1 x In
Protection against short circuits:
Isd adjustable from 1.5 to 10 x Ir

Pack	Cat.Nos 3P	Cat.Nos 4P	In (A)
			Breaking capacity Icu 36 kA (400 V~)
1	4 232 00	4 232 05	40
1	4 232 01	4 232 06	100
1	4 232 02	4 232 07	160
1	4 232 03	4 232 08	250
			Breaking capacity Icu 50 kA (400 V~)
1	4 232 20	4 232 25	40
1	4 232 21	4 232 26	100
1	4 232 22	4 232 27	160
1	4 232 23	4 232 28	250
			Breaking capacity Icu 70 kA (400 V~)
1	4 232 40	4 232 45	40
1	4 232 41	4 232 46	100
1	4 232 42	4 232 47	160
1	4 232 43	4 232 48	250
			Breaking capacity Icu 100 kA (400 V~)
1	4 232 50	4 232 55	40
1	4 232 51	4 232 56	100
1	4 232 52	4 232 57	160
1	4 232 53	4 232 58	250

MCCBs S1 electronic release with electronic earth leakage module - fixed version

Protection against overloads:
Ir adjustable from 0.4 to 1 x In
Protection against short circuits:
Isd adjustable from 1.5 to 10 x Ir
Equipped with earth leakage module with knobs
Adjustable sensitivity: 0.03 - 0.3 - 1 - 3 A
Adjustable tripping: 0 - 0.3 - 1 - 3 s (with 0.03 A possible only 0 s)

Pack	Cat.Nos 4P	In (A)
		Breaking capacity Icu 36 kA (400 V~)
1	4 232 15	40
1	4 232 16	100
1	4 232 17	160
1	4 232 18	250
		Breaking capacity Icu 50 kA (400 V~)
1	4 232 35	40
1	4 232 36	100
1	4 232 37	160
1	4 232 38	250

DPX³-I 250 HP trip-free switches
p. 186

DPX³ 250 HP magnetic release only
p. 187

Signalling and control accessories
p. 175

Red catalogue numbers: New products

DPX³ 250 HP

S10 configurable electronic release MCCBs from 40 to 250 A - fixing on plate

January 2024

4 234 23

4 234 28

4 234 38

Dimensions **p. 191-192**
Electrical characteristics **p. 193**

Moulded case MCCBs for switching, control isolation and protection of low voltage electrical lines. Can be fitted with auxiliaries (p. 175)
Supplied with: screws for connection fixing screws, connection plates for bars and cable lugs and insulated shileds (phase barriers)
Can be fitted with cage terminals 120 mm² max. (flexible cable) or 150 mm² max. rigid cable (p. 175)
Can be mounted on plate in XL³ and XL³ S cabinets and enclosures
Conform to IEC 60947-2

MCCBs S10 configurable electronic release - fixed version

Adjustement of Ir, Isd, Ii, Ig, tr, tsd, tg directly on the MCCB or via software/App. (p. 193)
For connection to the App. add a Bluetooth communication key Cat.No 0 283 10 (p. 184)
Green indicator lamp
Connector for test unit
Logical selectivity
4P version: adjustement of neutral on front panel or by software/App.

Pack	Cat.Nos 3P	Cat.Nos 4P	In (A)
			Breaking capacity Icu 36 kA (400 V~)
1	4 234 00	4 234 05	40
1	4 234 01	4 234 06	100
1	4 234 02	4 234 07	160
1	4 234 03	4 234 08	250
			Breaking capacity Icu 50 kA (400 V~)
1	4 234 20	4 234 25	40
1	4 234 21	4 234 26	100
1	4 234 22	4 234 27	160
1	4 234 23	4 234 28	250
			Breaking capacity Icu 70 kA (400 V~)
1	4 234 40	4 234 45	40
1	4 234 41	4 234 46	100
1	4 234 42	4 234 47	160
1	4 234 43	4 234 48	250
			Breaking capacity Icu 100 kA (400 V~)
1	4 234 50	4 234 55	40
1	4 234 51	4 234 56	100
1	4 234 52	4 234 57	160
1	4 234 53	4 234 58	250

MCCBs S10 configurable electronic release with electronic earth leakage module - fixed version

Adjustement of Ir, Isd, Ii, Ig, tr, tsd, tg directly on the MCCB or via software/App. (p. 193)
For connection to the App. add a Bluetooth communication key Cat.No 0 283 10 (p. 184)
Green indicator lamp
Connector for test unit
Logical selectivity
4P version: adjustement of neutral on front panel or by software/App.
Equipped with earth leakage module Adjustable sensitivity: 0.03 - 0.3 - 1 - 3 A
Adjustable tripping: 0 - 0.3 - 1 - 3 s

Pack	Cat.Nos 4P	In (A)
		Breaking capacity Icu 36 kA (400 V~)
1	4 234 15	40
1	4 234 16	100
1	4 234 17	160
1	4 234 18	250
		Breaking capacity Icu 50 kA (400 V~)
1	4 234 35	40
1	4 234 36	100
1	4 234 37	160
1	4 234 38	250

DPX³-I 250 HP trip-free switches
p. 186

DPX³ 250 HP magnetic release only
p. 187

Signalling and control accessories
p. 175

Red catalogue numbers: New products

DPX³ 250 HP

S10 configurable electronic release MCCBs from 40 to 250 A - fixing on plate (continued)

January 2024

4 234 83

4 234 88

Dimensions **p. 191-192**
Electrical characteristics **p. 193**

Moulded case MCCBs for switching, control isolation and protection of low voltage electrical lines. Can be fitted with auxiliaries (p. 175)
Supplied with: screws for connection fixing screws, connection plates for bars and cable lugs and insulated shileds (phase barriers)
Can be fitted with cage terminals 120 mm² max. (flexible cable) or 150 mm² max. rigid cable (p. 175)
Can be mounted on plate in XL³ and XL³ S cabinets and enclosures
Conform to IEC 60947-2

MCCBs S10 configurable electronic release with energy metering central unit - fixed version

Adjustement of Ir, Isd, Ii, Ig, tr, tsd, tg directly on the MCCB or via software/App. (p. 193)
For connection to the App. add a Bluetooth communication key Cat.No 0 283 10 (p. 184)
Green indicator lamp
Connector for test unit
Logical selectivity
4P version: adjustement of neutral on front panel or by software/App.
For the correct operation and power supply of metering function, see p. 184

Pack	Cat.Nos 3P	Cat.Nos 4P	In (A)
			Breaking capacity Icu 36 kA (400 V~)
1	4 234 60	4 234 65	40
1	4 234 61	4 234 66	100
1	4 234 62	4 234 67	160
1	4 234 63	4 234 68	250
			Breaking capacity Icu 50 kA (400 V~)
1	4 234 80	4 234 85	40
1	4 234 81	4 234 86	100
1	4 234 82	4 234 87	160
1	4 234 83	4 234 88	250
			Breaking capacity Icu 70 kA (400 V~)
1	4 235 00	4 235 05	40
1	4 235 01	4 235 06	100
1	4 235 02	4 235 07	160
1	4 235 03	4 235 08	250
			Breaking capacity Icu 100 kA (400 V~)
1	4 235 10	4 235 15	40
1	4 235 11	4 235 16	100
1	4 235 12	4 235 17	160
1	4 235 13	4 235 18	250

MCCBs S10 configurable electronic release with energy metering central unit and electronic earth leakage module - fixed version

Adjustement of Ir, Isd, Ii, Ig, tr, tsd, tg directly on the MCCB or via software/App. (p. 193)
For connection to the App. add a Bluetooth communication key Cat.No 0 283 10 (p. 184)
Green indicator lamp
Connector for test unit
Logical selectivity
4P version: adjustement of neutral on front panel or by software/App.
Equipped with earth leakage module Adjustable sensitivity: 0.03 - 0.3 - 1 - 3 A
Adjustable tripping: 0 - 0.3 - 1 - 3 s
For the correct operation and power supply of metering function, see p. 184

Pack	Cat.Nos 4P	In (A)
		Breaking capacity Icu 36 kA (400 V~)
1	4 234 75	40
1	4 234 76	100
1	4 234 77	160
1	4 234 78	250
		Breaking capacity Icu 50 kA (400 V~)
1	4 234 95	40
1	4 234 96	100
1	4 234 97	160
1	4 234 98	250

Power supply and supervision system
p. 184

DPX³-I 250 HP trip-free switches
p. 186

DPX³ 250 HP magnetic release only
p. 187

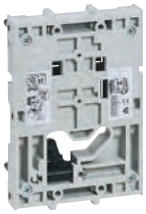
Signalling and control accessories
p. 175

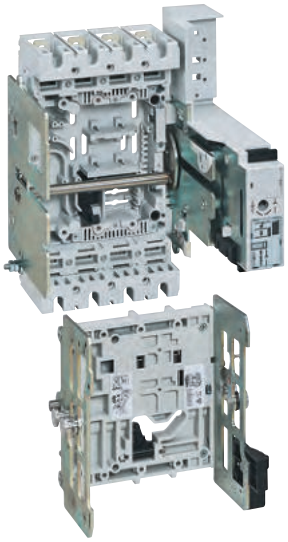
Red catalogue numbers: New products

DPX³ 250 HP

equipment and accessories

4 238 50


4 238 52


4 238 61 + 4 238 51 + 4 238 53

4 238 55

4 238 62

4 238 64

4 238 27

4 238 40

Pack	Cat.Nos	Plug-in version
		A DPX³ HP plug-in version is a DPX³ HP fitted with a plug-in mobile part kit and mounted on a plug-in base
		Plug-in bases
1	4 238 50 | 4 238 51	For DPX³ 250 HP
	3P | 4P	**Plug-in mobile part kit**
1	4 238 52 | 4 238 53	For DPX³ 250 HP
		Locking support
1	4 238 63	Locking support for plug-in version. To be equipped with universal keylocks Cat.Nos 4 238 80/81/82/83 (p. 175)
		Draw-out version
		A DPX³ HP draw-out version is a plug-in DPX³ HP fitted with a "Debro-lift mechanism" and a "Draw-out front cover mask" which can be used to withdraw the DPX³ HP while keeping it on its base
	3P/4P	**Debro-lift mechanism**
1	4 238 60 | 4 238 61	For DPX³ 250 HP ; Supplied with handle
		Draw-out front cover masks
1	4 238 55	For DPX³ 250 HP alone
1	4 238 56	For DPX³ 250 HP with motor-driven handle
		Locking support in draw-out position
1	4 238 62	Enable locking of DPX³ 250 HP in draw-out position. To be equipped with universal keylocks Cat.Nos 4 238 80/81/82/83 (p. 175)
		Padlock in draw-out position
1	4 238 64	Enable padlocking of DPX³ HP in draw-out position
		Auxiliary contact
1	4 222 30	Automatic auxiliary contact for DPX³ HP draw-out version (up to 2 contacts by DPX³ HP)
		Set of connectors for plug-in and draw-out versions
1	0 098 19	Signalling contact plugged-in / drawn-out
		Signalling contact
1	4 210 48	For DPX³ 160/250 and DPX³ 250 HP plug-in versions

Pack	Cat.Nos	Mechanical interlock for transfer switches
1	4 238 27	Interlocking mechanism for 2 fixed DPX³ 125/250 HP MCCBs
1	4 238 28	Interlocking mechanism for 2 fixed DPX³ 125/250 HP MCCBs with electronic module
1	4 238 29	Rear interlocking mechanism for 2 plug-in / draw-out DPX³ 250 HP MCCBs
1	4 238 26	Plate for mounting and interlocking of 2 DPX³ 250 HP
		Rotary handles
		Direct on DPX³
1	4 238 00	Standard (grey)
1	4 238 01	For emergency use (red/yellow)
		Vari-depth handle IP 55
		Comprising: connection rod, bracket, self-adhesive drilling template, mounting accessories and door lock mechanism
1	4 238 02	Standard (grey)
1	4 238 03	For emergency use (red/yellow)
		Locking supports for rotary handles
		To be equipped with universal keylocks Cat.Nos 4 238 80/81/82/83 (p. 175)
1	4 238 04	For direct handle Cat.Nos 4 238 00/01
1	4 238 05	For vari-depth handle Cat.Nos 4 238 02/03 and 4 238 72/73 (p. 169)
		Auxiliary contact for rotary handles
1	4 238 06	1 N/C + 1 N/O auxiliary contact for rotary handles
		Disengageable rotary handles
		Direct on DPX
1	4 238 14	Standard handle (black)
1	4 238 15	Handle for emergency use (red/yellow)
		Vari-depth handle
		Comprising: connection rod, bracket, self adhesive drilling template, mounting accessories and door locking mechanism
1	4 238 16	Standard handle (black)
1	4 238 17	Handle for emergency use (red/yellow)
		Motor-driven handles
		Front installation motor operators
1	4 238 40	24 V~/⎓
1	4 238 41	48 V~/⎓
1	4 238 42	110 V~
1	4 238 43	230 V~
		Locking accessories for motor-driven handles
1	4 238 45	Locking support for motor operators Cat.Nos 4 238 40/41/42/43. To be equipped with universal keylocks Cat.Nos 4 238 80/81/82/83 (p. 175)
1	4 238 46	Padlock for motor operators Cat.Nos 4 238 40/41/42/43

Red catalogue numbers: New products

DPX³ 250 HP

equipment and accessories (continued)

4 238 30

4 238 23

Pack	Cat.Nos	Connection accessories
		Insulated shields (phase barriers)
1	4 238 34	Set of 2 insulated shields for DPX³ HP 125/250 3P
1	4 238 35	Set of 3 insulated shields for DPX³ HP 125/250 4P
		Padlock
1	4 210 49	Padlock for locking in "open" position For DPX³ 160/250 and DPX³ 125/250 HP
		Cage terminals For Cu/Al cables, 1 x 120 mm² for flexible cables and 1 x 150 mm² for rigid cable
1	4 238 30	Set of 3 terminals for DPX³ 250 HP 3P
1	4 238 31	Set of 4 terminals for DPX³ 250 HP 4P
		Sealable terminal shields (for front terminals)
1	4 238 23	For DPX³ 250 HP 3P
1	4 238 24	For DPX³ 250 HP 4P
		Spreaders For incoming bars or cable lugs
1	6 250 14	Set of 3 spreaders for DPX³ 250 HP 3P
1	6 250 18	Set of 4 spreaders for DPX³ 250 HP 4P
		Rear terminals Flat swivel terminals Used to convert a fixed version with front terminals to a fixed version with rear terminals
1	4 238 21	Set of 3 rear terminals for DPX³ 250 HP 3P
1	4 238 22	Set of 4 rear terminals for DPX³ 250 HP 4P

		Universal key locks for DPX³ 125/160/250 HP and DPX³ 630/1600
		Allow loking of rotary handles, draw-out mechanisms or motor-driven handles. To be used in combination with locking accessories Cat.Nos 4 228 06/07/08/09/10 (p. 179, 180 and 183) and 4 238 04/05/45/46/62/63 (p. 169 and 174)
1	4 238 80	Key barrel and flat key with random mapping
1	4 238 81	Key barrel and flat key with fixed mapping EL43525
1	4 238 82	Key barrel and flat key with fixed mapping EL43363
1	4 238 83	Key barrel and star key with random mapping

DPX³ 125/160/250 HP common auxiliaries and accessories

4 210 11

4 210 16

4 210 22

Pack	Cat.Nos	Auxiliary contact or fault signal
1	4 210 11	Auxiliary contact or fault signalling contact

		Shunt releases
		Allow remote tripping of a DPX³/DPX³-I 160/250 and DPX³/DPX³-I 125/160/250 HP
1	4 210 12	12 V~/⎓
1	4 210 13	24 V~/⎓
1	4 210 14	48 V~/⎓
1	4 210 15	110-130 V~
1	4 210 16	200-277 V~
1	4 210 17	380-480 V~

		Undervoltage releases
		Allow remote tripping of a DPX³/DPX³-I 160/250 and DPX³/DPX³-I 125/160/250 HP
1	4 210 18	12 V~/⎓
1	4 210 19	24 V~/⎓
1	4 210 20	48 V~/⎓
1	4 210 21	110-130 V~/⎓
1	4 210 22	200-240 V~
1	4 210 23	277 V~
1	4 210 24	380-415 V~
1	4 210 25	440-480 V~

		Time lag (800 ms) undervoltage release	
		Allow remote tripping of a DPX³/DPX³-I 160/250 and DPX³/DPX³-I 125/160/250 HP Prevents false tripping in the event of power supply microbreaks	
		Time-lag modules	Number of modules
1	0 261 90	230 V~	3
1	0 261 91	400 V~	3
		Release To be equipped with a time-lag module Cat.Nos 0 261 90/91	
1	4 210 98	For DPX³/DPX³-I 160/250 and DPX³/DPX³-I 125/160/250 HP	

Red catalogue numbers: New products

DPX³ 630

thermal magnetic release MCCBs from 250 to 630 A - fixing on plate

4 220 02

4 220 07

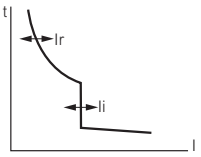
Dimensions **p. 194-195**
Electrical characteristics **p. 198**

Moulded case MCCBs for switching, control isolation and protection of low voltage electrical lines
Can be fitted with auxiliaries (p. 184)
Can be used with earth leakage modules (p. 179) or with residual current relays (p. 185)
Supplied complete with:
- fixing screws
- connection plates for bars
- insulated shields (phase barriers)

Conform to IEC 60947-2 - Sealable adjustment
Can be mounted on plate in XL³ and XL³ S cabinets and enclosures

MCCBs thermal magnetic release - fixed version

Thermal adjustable from 0.8 to 1 In
Magnetic adjustable from 5 to 10 In



Breaking capacity Icu 36 kA (400 V∿)

Pack	Cat.Nos 3P	Cat.Nos 4P	In (A)
1	4 220 00	4 220 05	250
1	4 220 01	4 220 06	320
1	4 220 02	4 220 07	400
1	4 220 03	4 220 08	500
1	4 220 04	4 220 09	630
	3P + N/2		
1	4 220 10		320
1	4 220 11		400
1	4 220 12		500
1	4 220 13		630

Breaking capacity Icu 50 kA (400 V∿)

Pack	Cat.Nos 3P	Cat.Nos 4P	In (A)
1	4 220 14	4 220 19	250
1	4 220 15	4 220 20	320
1	4 220 16	4 220 21	400
1	4 220 17	4 220 22	500
1	4 220 18	4 220 23	630
	3P + N/2		
1	4 220 24		320
1	4 220 25		400
1	4 220 26		500
1	4 220 27		630

MCCBs thermal magnetic release - fixed version (continued)

Breaking capacity Icu 70 kA (400 V∿)

Pack	Cat.Nos 3P	Cat.Nos 4P	In (A)
1	4 220 28	4 220 33	250
1	4 220 29	4 220 34	320
1	4 220 30	4 220 35	400
1	4 220 31	4 220 36	500
1	4 220 32	4 220 37	630
	3P + N/2		
1	4 220 38		320
1	4 220 39		400
1	4 220 40		500
1	4 220 41		630

Breaking capacity Icu 100 kA (400 V∿)

Pack	Cat.Nos 3P	Cat.Nos 4P	In (A)
1	4 220 42	4 220 47	250
1	4 220 43	4 220 48	320
1	4 220 44	4 220 49	400
1	4 220 45	4 220 50	500
1	4 220 46	4 220 51	630
	3P + N/2		
1	4 220 52		320
1	4 220 53		400
1	4 220 54		500
1	4 220 55		630

DPX³-I 630 trip-free switches
p. 186

DPX³ 630 magnetic release only
p. 187

DPX³ 630

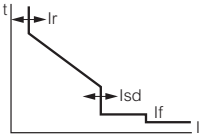
S1 electronic release MCCBs from 250 to 630 A - fixing on plate

4 225 15

Dimensions **p. 194-195**
Electrical characteristics **p. 198**

Moulded case MCCBs for switching, control isolation and protection of low voltage electrical lines
Can be fitted with auxiliaries (p. 184)
Can be used with earth leakage modules (p. 179) or with residual current relays (p. 185)
Do not accept DPX³ electronic interface for Modbus Cat.No 4 210 75 (p. 184)
Supplied complete with:
- fixing screws
- connection plates for bars
- insulated shields (phase barriers)

Conform to IEC 60947-2 - Sealable adjustment
Can be mounted on plate in XL³ and XL³ S cabinets and enclosures

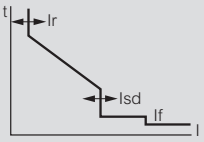
Pack	Cat.Nos 3P	Cat.Nos 4P	In (A)
			MCCBs S1 electronic release - fixed version
			Adjustment of Ir, Isd (opposite) Instantaneous protection If = 5 kA Green indicator lamp Connector for test unit Dynamic selectivity 4P version: adjustement of neutral on front panel
			
			Breaking capacity Icu 36 kA (400 V~)
1	4 224 98	4 225 03	250
1	4 224 99	4 225 04	320
1	4 225 00	4 225 05	400
1	4 225 01	4 225 06	500
1	4 225 02	4 225 07	630
			Breaking capacity Icu 50 kA (400 V~)
1	4 225 08	4 225 13	250
1	4 225 09	4 225 14	320
1	4 225 10	4 225 15	400
1	4 225 11	4 225 16	500
1	4 225 12	4 225 17	630
			Breaking capacity Icu 70 kA (400 V~)
1	4 225 18	4 225 23	250
1	4 225 19	4 225 24	320
1	4 225 20	4 225 25	400
1	4 225 21	4 225 26	500
1	4 225 22	4 225 27	630
			Breaking capacity Icu 100 kA (400 V~)
1	4 225 28	4 225 33	250
1	4 225 29	4 225 34	320
1	4 225 30	4 225 35	400
1	4 225 31	4 225 36	500
1	4 225 32	4 225 37	630

DPX³ 630/1600

electronic release adjustement

Performance data

S1 - Adjustment of Ir, Isd

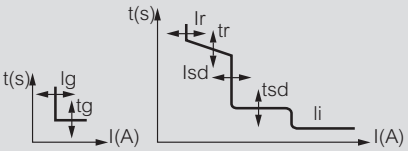


Protection against overloads:
- Ir adjustable from 0.4 to 1 x In

Protection against short circuits:
- Isd adjustable from 1.5 to 10 x Ir

Instantaneous protection If = 5 kA

S10 - Adjustment of Ir, tr, Isd, tsd, Ii, Ig, tg,



Protection against overloads:
- Ir adjustable from 0.2 to 1 x In
- tr adjustable from 3 to 30 s

Protection against short circuits:
- Isd adjustable from 1.5 Ir to 10 x In
- tsd adjustable from 40 to 480 ms
- Ii adjustable from 2 to 15 x In (via software/App.)

Protection against earth fault:
- Ig adjustable from 0.2 to 1 x In
- tg adjustable from 80 ms to 1 s

With remote configuration (by software or App.) possibility to set in OFF position (disable protection) and move with smaller steps of current/time.

DPX³ 630

S10 configurable electronic release MCCBs from 250 to 630 A - fixing on plate

January 2024

4 228 27

4 228 24

4 228 29

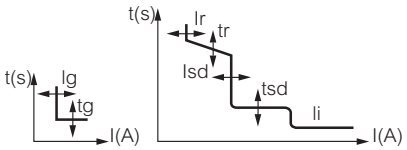
Dimensions **p. 194-195**
Electrical characteristics **p. 198**

Moulded case MCCBs for switching, control isolation and protection of low voltage electrical lines
Can be fitted with auxiliaries (p. 184)
Can be used with earth leakage modules (p. 179) or with residual current relays (p. 185)
Supplied complete with:
- fixing screws
- connection plates for bars
- insulated shields (phase barriers)

Conform to IEC 60947-2 - Sealable adjustment
Can be mounted on plate in XL³ and XL³ S cabinets and enclosures

MCCBs S10 configurable electronic release - fixed version

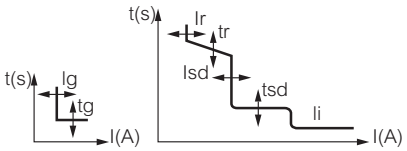
Adjustment of Ir, Isd, Ii, Ig, tr, tsd, tg directly on the MCCB or via software/App. (p. 198)
For connection to the App. add a Bluetooth communication key Cat.No 0 283 10 (p. 184)
Green indicator lamp
Connector for test unit
Logical selectivity
4P version: adjustment of neutral on front panel or by software or App.



Pack	Cat.Nos 3P	Cat.Nos 4P	In (A)
			Breaking capacity Icu 36 kA (400 V~)
1	4 228 20	4 228 25	250
1	4 228 21	4 228 26	320
1	4 228 22	4 228 27	400
1	4 228 23	4 228 28	500
1	4 228 24	4 228 29	630
			Breaking capacity Icu 50 kA (400 V~)
1	4 228 30	4 228 35	250
1	4 228 31	4 228 36	320
1	4 228 32	4 228 37	400
1	4 228 33	4 228 38	500
1	4 228 34	4 228 39	630
			Breaking capacity Icu 70 kA (400 V~)
1	4 228 40	4 228 45	250
1	4 228 41	4 228 46	320
1	4 228 42	4 228 47	400
1	4 228 43	4 228 48	500
1	4 228 44	4 228 49	630
			Breaking capacity Icu 100 kA (400 V~)
1	4 228 50	4 228 55	250
1	4 228 51	4 228 56	320
1	4 228 52	4 228 57	400
1	4 228 53	4 228 58	500
1	4 228 54	4 228 59	630

MCCBs S10 configurable electronic release with energy metering central unit - fixed version

Adjustment of Ir, Isd, Ii, Ig, tr, tsd, tg directly on the MCCB or via software/App. (p. 198)
For connection to the App. add a Bluetooth communication key Cat.No 0 283 10 (p. 184)
Green indicator lamp
Connector for test unit
Logical selectivity
4P version: adjustment of neutral on front panel or by software or App.
For correct operation and power supply of metering function, see p. 184



Pack	Cat.Nos 3P	Cat.Nos 4P	In (A)
			Breaking capacity Icu 36 kA (400 V~)
1	4 228 60	4 228 65	250
1	4 228 61	4 228 66	320
1	4 228 62	4 228 67	400
1	4 228 63	4 228 68	500
1	4 228 64	4 228 69	630
			Breaking capacity Icu 50 kA (400 V~)
1	4 228 70	4 228 75	250
1	4 228 71	4 228 76	320
1	4 228 72	4 228 77	400
1	4 228 73	4 228 78	500
1	4 228 74	4 228 79	630
			Breaking capacity Icu 70 kA (400 V~)
1	4 228 80	4 228 85	250
1	4 228 81	4 228 86	320
1	4 228 82	4 228 87	400
1	4 228 83	4 228 88	500
1	4 228 84	4 228 89	630
			Breaking capacity Icu 100 kA (400 V~)
1	4 228 90	4 228 95	250
1	4 228 91	4 228 96	320
1	4 228 92	4 228 97	400
1	4 228 93	4 228 98	500
1	4 228 94	4 228 99	630

Old range DPX³ 630 S2 and Sg electronic releases **p. 199**

Power supply and supervision system **p. 184**

Red catalogue numbers: New products

DPX³ 630

earth leakage modules

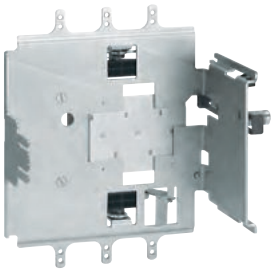
0 260 63

Pack	Cat.Nos	Earth leakage modules
		Can be fitted onto DPX³/DPX³-I 630 Adjustable, sealable sensitivity: 0.03 - 0.3 - 1 - 3 A Adjustable, time delay: 0 - 0.3 - 1 - 3 s Test push-button Reset push-button Remote earth fault signalling contact Switch for mechanical tests (installation insulation test) Mounted underneath 230-500 V~
		Standard
	3P | 4P	In (A)
1	0 260 60 | 0 260 61	400
1	0 260 64 | 0 260 65	630
		LED version Monitors the isolation state of the installation via a series of LEDs
	4P	In (A)
1	0 260 63	400
1	0 260 67	630

DPX³ 630

equipment and accessories

4 222 22



4 222 32

Pack	Cat.Nos	Plug-in version
		A plug-in is a DPX³ fitted with special terminals and mounted on a plug-in base
	3P | 4P	**Special terminals for plug-in/draw-out base**
1	4 222 20 | 4 222 21	Set of incoming and outgoing terminals (6 terminals for 3P DPX³ or 8 terminals for 4P DPX³)
		Bases for DPX³ only Accept DPX³/DPX³-I fitted with special terminals
1	4 222 22 | 4 222 23	Front terminal mounting base
1	4 222 24 | 4 222 25	Flat rear terminal mounting base
	4P	**Bases for DPX³ with earth leakage module**
1	4 222 26	Front terminal mounting base
1	4 222 27	Flat rear terminal mounting base
		Accessories
1	4 222 28	Set of 2 extractor handle
1	4 222 29	Set of connectors (24-pin)
		Draw-out version
		A DPX³ draw-out version is a plug-in DPX³ fitted with a "Debro-lift" mechanism which can be used to withdraw the DPX³ while keeping it on its base
	3P | 4P	**"Debro-lift" mechanism** Supplied with a rigid slide and handle for drawing-out
1	4 222 31 | 4 222 32	For DPX³ base only
1	| 4 222 33	For DPX³ base with earth leakage module
		Key-lock for "Debro-lift" mechanism Enable locking of DPX³ in drawn-out position
1	4 228 10	Mechanical support for locking DPX³ only To be equipped with universal key-locks Cat.Nos 4 238 80/81/82/83 (p. 180)
1	4 228 08	Mechanical support for locking motor-driven DPX³ or DPX³ equipped with rotary handle To be equipped with universal key-locks Cat.Nos 4 238 80/81/82/83 (p. 180)
		Accessories for "Debro-lift" mechanism
1	0 265 75	Handle for drawing-out
1	0 265 74	Signalling contact (plugged-in/drawn-out)
		Auxiliairy contacts
1	4 222 30	Automatic auxiliairy contacts for DPX³ draw-out version (up to 2 contacts by DPX³)
		Plates for transfer switches
		Factory assembled A transfer switch plate is composed of one plate with interlock for 2 devices
1	0 264 09	Plate for MCCB or trip-free switch fixed version
1	0 264 04	Plate for MCCB or trip-free switch plug-in and draw-out version

Red catalogue numbers: New products

DPX³ 630

equipment and accessories (continued)

4 226 30

0 261 40

0 262 50

0 262 48

Pack	Cat.Nos	Rotary handles
		Direct on DPX³
1	0 262 41	Standard (grey)
1	4 222 38	For emergency use (red/yellow) - can be fitted on Cat.Nos 0 262 22, 0 262 41 or 0 262 81
		Vari-depth handle IP 55
		Comprising: connection rod, bracket, self-adhesive drilling template, mounting accessories and door lock mechanism
1	0 262 81	Standard (grey)
1	0 262 82	For emergency use (red/yellow) can be fitted on Cat.Nos 0 262 81 or 0 262 41
		Locking accessories
1	4 228 07	Mechanical support for locking vari-depth handle To be equipped with universal key-locks Cat.Nos 4 238 80/81/82/83 (p. 180)
		Motor-driven handles
		Front installation
1	4 226 30	230 V~
		Front installation - fast closing
1	0 261 40	24 V~/⎓
1	0 261 41	48 V~/⎓
1	0 261 44	230 V~
		Accessories
1	4 228 06	Mechanical support for locking motor-driven handle To be equipped with universal key-locks Cat.Nos 4 238 80/81/82/83 (p. 180)
		Universal key locks for DPX³ 125/160/250 HP and DPX³ 630/1600
		Allow loking of rotary handles, draw-out mechanisms or motor-driven handles To be used in combination with locking accessories Cat.Nos 4 228 06/07/08/09/10 (p. 179, 180 and 183) and 4 238 04/05/45/46/62/63 (p. 169 and 174)
1	4 238 80	Key barrel and flat key with random mapping
1	4 238 81	Key barrel and flat key with fixed mapping EL43525
1	4 238 82	Key barrel and flat key with fixed mapping EL43363
1	4 238 83	Key barrel and star key with random mapping

Pack	Cat.Nos	Accessories
		Insulated shields (phase barriers)
1	0 262 30	Set of 3
	3P | 4P	**Sealable terminal shields**
1	0 262 44 | 0 262 45	Set of 2
		Padlock
1	0 262 40	For locking in "OPEN" position
		Cage terminals
1	0 262 50	Set of 4 terminals for cable 300 mm² max. (rigid) or 240 mm² max. (flexible)
1	0 262 51	Set of 4 high-capacity terminals for cable 2 x 240 mm² (rigid) or 2 x 185 mm² (flexible)
		Adaptor for lug
		For connecting bare cables with wide lugs
1	0 262 46	Set of 4 adaptors + insulated shields
		Extended front terminals
1	0 262 47	Set of 4
	3P | 4P	**Spreaders**
1	0 262 48 | 0 262 49	Set of incoming or outgoing spreaders
		Rear terminals
		Used to convert the fixed version with front terminals to the fixed version with rear terminals
1	0 263 52 | 0 263 53	Set of incoming or outgoing flat terminals
		IP 20 terminal covers
1	4 222 34 | 4 222 35	Set of 2 terminal covers

Red catalogue numbers: New products

DPX³ 1600 - thermal magnetic release MCCBs

from 630 to 1250 A - fixing on plate

4 222 78

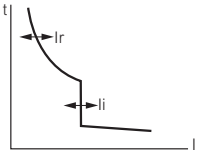
4 222 83

Dimensions **p. 196-197**
Electrical characteristics **p. 198**

Moulded case MCCBs for switching, control isolation and protection of low voltage electrical lines
Can be fitted with auxiliaries (p. 184)
Can be used with residual current relays (p. 185)
Supplied complete with:
- connection plates for bars
- insulated shields (phase barriers)
Conform to IEC 60947-2 - Sealable adjustment
Can be mounted on plate in XL³ and XL³ S cabinets and enclosures

MCCBs thermal magnetic release fixed version

Thermal adjustable from 0.8 to 1 In
Magnetic adjustable from 5 to 10 In



Pack	Cat.Nos 3P	Cat.Nos 4P	In (A)
			Breaking capacity Icu 36 kA (400 V~)
1	4 222 51	4 222 56	630
1	4 222 52	4 222 57	800
1	4 222 53	4 222 58	1000
1	4 222 54	4 222 59	1250
	3P + N/2		
1	4 222 60		1000
1	4 222 61		1250
			Breaking capacity Icu 50 kA (400 V~)
1	4 222 63	4 222 68	630
1	4 222 64	4 222 69	800
1	4 222 65	4 222 70	1000
1	4 222 66	4 222 71	1250
	3P + N/2		
1	4 222 72		1000
1	4 222 73		1250
			Breaking capacity Icu 70 kA (400 V~)
1	4 222 75	4 222 80	630
1	4 222 76	4 222 81	800
1	4 222 77	4 222 82	1000
1	4 222 78	4 222 83	1250
	3P + N/2		
1	4 222 84		1000
1	4 222 85		1250
			Breaking capacity Icu 100 kA (400 V~)
1	4 222 87	4 222 92	630
1	4 222 88	4 222 93	800
1	4 222 89	4 222 94	1000
1	4 222 90	4 222 95	1250
	3P + N/2		
1	4 222 96		1000
1	4 222 97		1250

DPX³ 1600

S1 electronic release MCCBs from 630 to 1600 A - fixing on plate

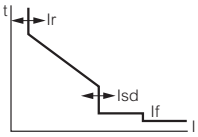
4 225 59

Dimensions **p. 196-197**
Electrical characteristics **p. 198**

Moulded case MCCBs for switching, control isolation and protection of low voltage electrical lines
Can be fitted with auxiliaries (p. 184)
Can be used with residual current relays (p. 185)
Do not accept DPX³ electronic interface for Modbus Cat.No 4 210 75 (p. 184)
Supplied complete with:
- connection plates for bars
- insulated shields (phase barriers)
Conform to IEC 60947-2 - Sealable adjustment
Can be mounted on plate in XL³ and XL³ S cabinets and enclosures

MCCBs S1 electronic release fixed version

Adjustment of Ir, Isd (p. 198)
Instantaneous protection If = 20 kA
Green indicator lamp
Connector for test unit
Dynamic selectivity
4P version: adjustement of neutral on front panel



Pack	Cat.Nos 3P	Cat.Nos 4P	In (A)
			Breaking capacity Icu 36 kA (400 V~)
1	4 225 39	4 225 45	630
1	4 225 40	4 225 46	800
1	4 225 41	4 225 47	1000
1	4 225 42	4 225 48	1250
1	4 225 43	4 225 49	1600
			Breaking capacity Icu 50 kA (400 V~)
1	4 225 51	4 225 57	630
1	4 225 52	4 225 58	800
1	4 225 53	4 225 59	1000
1	4 225 54	4 225 60	1250
1	4 225 55	4 225 61	1600
			Breaking capacity Icu 70 kA (400 V~)
1	4 225 63	4 225 69	630
1	4 225 64	4 225 70	800
1	4 225 65	4 225 71	1000
1	4 225 66	4 225 72	1250
1	4 225 67	4 225 73	1600
			Breaking capacity Icu 100 kA (400 V~)
1	4 225 75	4 225 81	630
1	4 225 76	4 225 82	800
1	4 225 77	4 225 83	1000
1	4 225 78	4 225 84	1250

DPX³-I 1600 trip-free switches
p. 186

DPX³ 1600 magnetic release only
p. 187

4 229 53

4 229 58

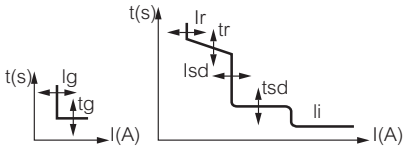
Dimensions **p. 196-197**
Electrical characteristics **p. 198**

Moulded case MCCBs for switching, control isolation and protection of low voltage electrical lines
Can be fitted with auxiliaries (p. 184)
Can be used with residual current relays (p. 185)
Supplied complete with:
- connection plates for bars
- insulated shields (phase barriers)

Conform to IEC 60947-2 - Sealable adjustment
Can be mounted on plate in XL³ and XL³ S cabinets and enclosures

MCCBs S10 configurable electronic release fixed version

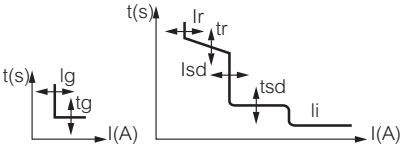
Adjustment of Ir, Isd, Ii, Ig, tr, tsd, tg directly on the MCCB or via software/App (p. 198)
For connection to the App add a Bluetooth communication key Cat.No 0 283 10 (p. 184)
Green indicator lamp
Connector for test unit
Logical selectivity
4P version: adjustment of neutral on front panel or by software or App



Pack	Cat.Nos 3P	Cat.Nos 4P	In (A)
			Breaking capacity Icu 36 kA (400 V~)
1	4 229 00	4 229 01	500
1	4 229 20	4 229 25	630
1	4 229 21	4 229 26	800
1	4 229 22	4 229 27	1000
1	4 229 23	4 229 28	1250
1	4 229 24	4 229 29	1600
			Breaking capacity Icu 50 kA (400 V~)
1	4 229 02	4 229 03	500
1	4 229 30	4 229 35	630
1	4 229 31	4 229 36	800
1	4 229 32	4 229 37	1000
1	4 229 33	4 229 38	1250
1	4 229 34	4 229 39	1600
			Breaking capacity Icu 70 kA (400 V~)
1	4 229 04	4 229 05	500
1	4 229 40	4 229 45	630
1	4 229 41	4 229 46	800
1	4 229 42	4 229 47	1000
1	4 229 43	4 229 48	1250
1	4 229 44	4 229 49	1600
			Breaking capacity Icu 100 kA (400 V~)
1	4 229 06	4 229 07	500
1	4 229 50	4 229 55	630
1	4 229 51	4 229 56	800
1	4 229 52	4 229 57	1000
1	4 229 53	4 229 58	1250

MCCBs S10 configurable electronic release with energy metering central unit fixed version

Adjustment of Ir, Isd, Ii, Ig, tr, tsd, tg directly on the MCCB or via software/App (p. 198)
For connection to the App add a Bluetooth communication key Cat.No 0 283 10 (p. 184)
Green indicator lamp
Connector for test unit
Logical selectivity
4P version: adjustment of neutral on front panel or by software or App
For correct operation and power supply of metering function, see p. 184



Pack	Cat.Nos 3P	Cat.Nos 4P	In (A)
			Breaking capacity Icu 36 kA (400 V~)
1	4 229 08	4 229 09	500
1	4 229 60	4 229 65	630
1	4 229 61	4 229 66	800
1	4 229 62	4 229 67	1000
1	4 229 63	4 229 68	1250
1	4 229 64	4 229 69	1600
			Breaking capacity Icu 50 kA (400 V~)
1	4 229 10	4 229 11	500
1	4 229 70	4 229 75	630
1	4 229 71	4 229 76	800
1	4 229 72	4 229 77	1000
1	4 229 73	4 229 78	1250
1	4 229 74	4 229 79	1600
			Breaking capacity Icu 70 kA (400 V~)
1	4 229 12	4 229 13	500
1	4 229 80	4 229 85	630
1	4 229 81	4 229 86	800
1	4 229 82	4 229 87	1000
1	4 229 83	4 229 88	1250
1	4 229 84	4 229 89	1600
			Breaking capacity Icu 100 kA (400 V~)
1	4 229 14	4 229 15	500
1	4 229 90	4 229 95	630
1	4 229 91	4 229 96	800
1	4 229 92	4 229 97	1000
1	4 229 93	4 229 98	1250

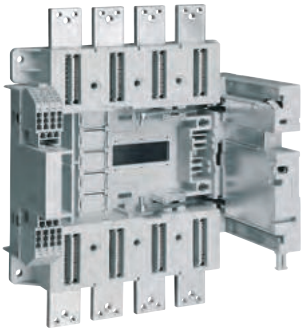
Old range DPX³ 1600 S2 and Sg electronic releases **p. 199**

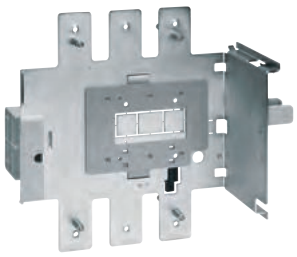
Power supply and supervision system **p. 184**

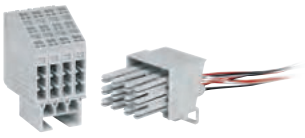
Red catalogue numbers: New products

DPX³ 1600

equipment and accessories


4 225 87 + 4 222 30


4 225 94


4 222 30

0 262 60

0 262 70

0 262 67 + 0 262 68

Pack	Cat.Nos	Draw-out version
		A DPX³ draw-out version is a DPX³ fitted with draw-out base and a "Debro-lift" mechanism which can be used to withdraw the DPX³ while keeping it on its base
		Draw-out base
		For DPX³ 1600 equipped with "Debro-lift" mechanism
	3P | 4P	Cat.No 4 225 93 or 4 225 94
1	4 225 86 | 4 225 87	Front terminals
1	4 225 88 | 4 225 89	Rear terminals
		Debro-lift mechanism
1	4 225 93 | 4 225 94	For DPX³ 1600
		To be fitted on a DPX³ 1600 fixed version in order to obtain the movable part of a draw-out circuit breaker
		Key-lock for "Debro-lift" mechanism
		Enable locking of DPX³ in drawn-out position
1	4 228 10	Mechanical support for locking DPX³ only
		To be equipped with universal key-locks Cat.Nos 4 238 80/81/82/83 (p. 180)
1	4 228 09	Mechanical support for locking motor-driven DPX³ or DPX³ equipped with rotary handle
		To be equipped with universal key-locks Cat.Nos 4 238 80/81/82/83 (p. 180)
		Accessories for "Debro-lift" mechanism
1	0 265 75	Handle for drawing-out
1	0 265 74	Signalling contact (plugged-in/drawn-out)
		Auxiliairy contacts
1	4 222 30	Automatic auxiliairy contacts for DPX³ draw-out version (up to 2 contacts by DPX³)

Pack	Cat.Nos	Plates for transfer switches
		A transfer switch plate is composed of one plate with interlock for 2 devices
1	0 264 10	Plate for MCCBs or trip-free switch fixed version
1	0 264 05	Plate for MCCBs or trip-free switch plug-in and draw-out version

Pack	Cat.Nos	Rotary handles
		Direct on DPX³
1	0 262 61	Standard (black)
		Vari-depth handle IP 55
		Comprising: connection rod, bracket, self-adhesive drilling template, mounting accessories and door lock mechanism
1	0 262 83	Standard (black)
1	0 262 84	For emergency use (red/yellow)
		Locking accessories
1	4 228 07	Mechanical support for locking vari-depth handle
		To be equipped with universal key- locks Cat.Nos 4 238 80/81/82/83 (p. 180)

Pack	Cat.Nos	Motor-driven handles
		Factory assembled
		Front operated
1	0 261 54	230 V~
		Customer assembled
		Front operated
1	0 261 24	24 V~ / ⎓ for In ≤ 1250 A
1	0 261 25	48 V~ / ⎓ for In ≤ 1250 A
1	0 261 26	110 V~ / ⎓ for In ≤ 1250 A
1	0 261 23	230 V~ / ⎓ for In ≤ 1250 A
1	0 261 19	24 V~ / ⎓ for In = 1600 A
1	0 261 28	48 V~ / ⎓ for In = 1600 A
1	0 261 29	110 V~ / ⎓ for In = 1600 A
1	0 261 27	230 V~ / ⎓ for In = 1600 A
		Locking accessories
1	4 228 06	Mechanical support for locking motor-driven handle
		To be equipped with universal key-locks Cat.Nos 4 238 80/81/82/83 (p. 180)

Pack	Cat.Nos	Accessories
		Insulated shields (phase barriers)
		Used to isolate the connections between each pole
1	0 262 66	Set of 3
	3P | 4P	**Sealable terminal shields**
1	0 262 64 | 0 262 65	Set of 2
		Padlock
1	0 262 60	For locking in "open" position
		Cage terminals
1	0 262 69	Set of 1 terminal for cables without lug 2 x 240 mm² for rigid cable or 2 x 185 mm² for flexible cable
1	0 262 70	Set of 1 high-capacity terminal for cables without lug 4 x 240 mm² for rigid cable 4 x 185 mm² for flexible cable
		Extended front terminals
		Set for 1 pole
1	0 262 67	Terminals for 630 - 1250 A (2 bars max. per pole)
1	0 262 68	Terminals for 1600 A (3 bars max. per pole)
	3P | 4P	**Spreaders**
1	0 262 73 | 0 262 74	Set of incoming or outgoing spreaders
		Rear terminals
		Used to convert the fixed version with front terminals to the fixed version with rear terminals
		Set of incoming or outgoing rear terminals
1	0 263 80 | 0 263 82	Short terminals
1	0 263 81 | 0 263 83	Long terminals
		IP 20 terminal covers
1	4 225 90 | 4 225 91	Set of 2 terminal covers
		External neutral
1	4 225 92	External neutral

For the old range of accessories for DPX 1600 draw-out version
Please, consult us

Universal key-locks for DPX³ 1600
p. 180

Red catalogue numbers: New products

DPX³ 630 and 1600

common auxiliaries

4 222 42

4 222 48

Pack	Cat.Nos	
		Auxiliary contact or fault signal
1	4 210 11	For signalling the state of the contacts or opening of the MCCB on a fault For DPX³/DPX³-I Changeover switch 3 A - 240 V~
		Shunt releases
		Allow remote tripping of a DPX³ or DPX³-I 630 and DPX³ 1600 Shunt inrush power 300 VA
1	4 222 39	Coil voltage 24 V~ / ⎓
1	4 222 40	Coil voltage 48 V~ / ⎓
1	4 222 41	Coil voltage 110 V~ / ⎓
1	4 222 42	Coil voltage 230 V~ / ⎓
1	4 222 43	Coil voltage 400 V~ / ⎓
		Undervoltage releases
		Allow remote tripping of a DPX³ or DPX³-I 630 and 1600 Consumption: 5 VA
1	4 222 44	24 V⎓
1	4 222 45	24 V~
1	4 222 46	48 V⎓
1	4 222 47	110-125 V~
1	4 222 48	220-240 V~
1	4 222 49	380-415 V~
		Time-lag (800 ms) undervoltage release
		Allow remote tripping of a DPX³/DPX³-I 630 or 1600 Prevents false tripping in the event of power supply microbreaks
		Time-lag modules
		Number of modules
1	0 261 90	230 V~ — 3
1	0 261 91	400 V~ — 3
		Release To be equipped with a time-lag module Cat.Nos 0 261 90/91
1	4 226 23	For DPX³/DPX³-I 630 and 1600

DPX³ 160/250/250 HP/630/1600

power supply and supervision system

4 238 90

EnerUp + Project

0 283 10

Pack	Cat.Nos	
		Auxiliary power supply for DPX³
1	4 210 83	For supplying DPX³ electronic units when the circuit breaker is open or when the current passing through it is insufficient Input voltage 24 V~ / ⎓ 2 modules Output 250 mA: can supply several circuit breakers Consumption: - Electronic DPX³: 50 mA - Electronic DPX³ with measurement: 62.5 mA - Electronic DPX³ with residual current protection: 50 mA - Electronic DPX³ with residual current protection and measurement: 62.5 mA
		Communication interfaces
1	4 210 75	**DPX³ electronic interface - RS485 Modbus** For connecting electronic DPX³ (except DPX³ 630 S1 electronic release and DPX³ 1600 S1 electronic release) to an RS485 Modbus communication network All the information managed by the circuit breaker's electronic card will be shared on the Modbus network Dimension: 2 modules Power supply: 24 V~ / ⎓ RS 485 link (2-wire) Address, speed and coding can be modified with configurator kit
1	JANUARY 2024 4 238 90	**DPX³ electronic interface - EMS CX³** For connecting electronic DPX³ S10 (250HP, 630, 1600) to an EMS communication network All the informations managed by circuit breaker's electronic card will be shared on the EMS network Dimension: 1 module Power supply: with EMS CX³ power supply module Cat.No 4 149 45 Address can be modified and set locally by DIP switches or remotely with the help of the EMS configurator software
		Bluetooth communication key
1	JANUARY 2024 0 283 10[1]	USB key for BLE communication with electronic DPX³ S10 (250 HP, 630, 1600) to configure, monitor and manage it remotely through App Connection port USB on front of the circuit breaker
		Modular power supply
1	Bticino BT-E49	230 V~ - 27 V⎓ - 0.6 A 2 modules

1: EnerUp + Project App for smartphone and tablet available on Apple Store and Google Play
Configuration, monitoring and management software (PCS) available for download via e-catalogue (does not require the use of Bluetooth communication key Cat.No 0 283 10)

Red catalogue numbers: New products

Residual current relay and coils

0 260 88

0 260 98

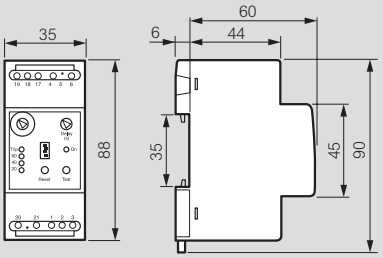
0 260 93 coil for use with relay

Add residual current protection to DPX³ trip-free switches and DPX³ MCCBs equipped with release

Pack	Cat.Nos	**Residual current relay**	
		Detects fault currents, and, when used with a shunt trip or an undervoltage release, it gives the trip command to a MCCB or a switch • Comprises: - a tinged, sealable window - an auxiliary contact - a green Led indicating energisation - 3 yellow Leds indicating respectively the max. phase earth insulation current: 20, 40 and 60 % - a red Led indicating Fixed: exceeding of the insulation fault current value Flashing: breaking of one of the connections between coils and relays • For use with coils: - Ø35 and 80 mm Adjustable sensitivity: 0.03, 0.05, 0.075, 0.1, 0.15, 0.2, 0.3, 0.5, 0.75, 1, 1.5, 2, 3, 5, 7.5, 10, 15, 20, 30 A - Ø110 to 210 mm Adjustable sensitivity: 0.3, 0.5, 0.75, 1, 1.5, 2, 3, 5, 7.5, 10, 15, 20, 30 A - Ø150 mm Adjustable sensitivity: 0.5, 0.75, 1, 1.5, 2, 3, 5, 7.5, 10, 15, 20, 30 A - Ø300 mm Adjustable sensitivity: 1, 1.5, 2, 3, 5, 7.5, 10, 15, 20, 30 A • Adjustable trip: 0, 0.15, 0.25, 0.5, 1, 2.5, 5 seconds • Supply voltage: 230/240 V - 50/60 Hz	Number of modules
1	0 260 88	Residual current relay to clip on rail ⊔	2
		Coils	
		For use with residual current relay Cat.No 0 260 88 1 coil per DPX³	
1	0 260 92	Coil Ø35 mm	
1	0 260 93	Coil Ø80 mm	
1	0 260 94	Coil Ø110 mm	
1	0 260 95	Coil Ø140 mm	
1	0 260 96	Coil Ø210 mm	
1	0 260 97	Coil Ø150 mm - open	
1	0 260 98	Coil Ø310 mm - open	

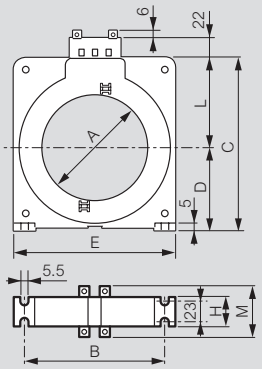
Residual current relay

Cat.No 0 260 88

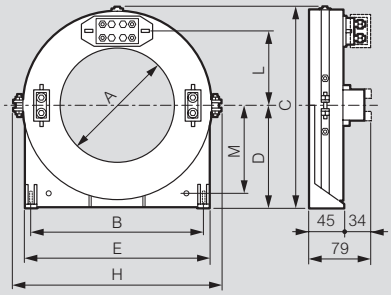


Coils

Cat.Nos 0 260 92/93/94/95/96

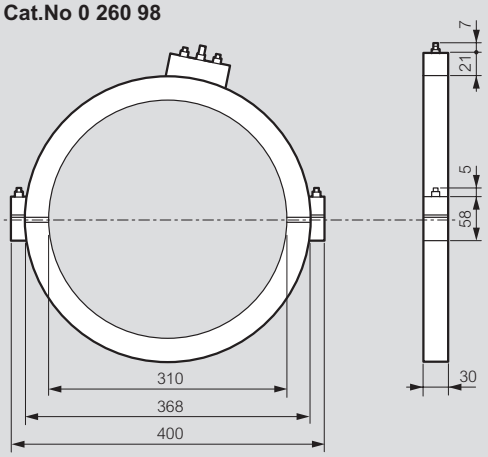


Cat.No 0 260 97



Cat.Nos	A	B	C	D	E	H	L	M
0 260 92	35	75	85	42	92	36	43	56
0 260 93	80	108	132	67	125	36	65	56
0 260 94	110	148	170	86	165	36	84	56
0 260 95	140	177	206	104	200	36	102	56
0 260 96	210	270	295	150	290	44	145	64
0 260 97	150	225	259	133	245	275	95	113

Cat.No 0 260 98



DPX³-I trip-free switches

160 to 1600 A

4 202 99

4 231 84

4 231 81

Dimensions **p. 188, 190-192 and 194-197**

Trip-free switches for on-load circuit breaking and isolation of low voltage electrical circuits
Can be associated to earth leakage modules or to corresponding DPX³ residual current relays
Conform to IEC 60947-3
Category of use AC 23 A
Connection identical to corresponding DPX³

Pack	Cat.Nos 3P	Cat.Nos 4P	In (A)
DPX³-I 160			
1	4 201 98	4 201 99	160 Mounting on rail ⊔ with plate Cat.No 4 210 71 (p. 160)
	4P with earth leakage module		
1	4 201 97		160 Mounting on rail ⊔ with plate Cat.No 4 210 73 (p. 160)
DPX³-I 250			
1	4 202 99	4 203 00	250 Mounting on rail ⊔ with plate Cat.No 4 210 72 (p. 164)
	4P with earth leakage module		
1	4 202 98		250 Mounting on rail ⊔ with plate Cat.No 4 210 74 (p. 164)
DPX³-I 125 HP			
1	4 231 84	4 231 85	125
1		4 231 87	125 with earth leakage module
DPX³-I 160HP			
1	4 231 88	4 231 89	160
1		4 231 91	160 with earth leakage module
DPX³-I 250 HP			
1	4 231 80	4 231 81	250
1		4 231 83	250 with earth leakage module
DPX³-I 630			
1	4 222 16	4 222 18	400
1	4 222 17	4 222 19	630
DPX³-I 1600			
1	4 224 90	4 224 94	630
1	4 224 91	4 224 95	800
1	4 224 92	4 224 96	1250
1	4 224 93	4 224 97	1600

DPX³ magnetic release only

MCCBs from 16 to 1250 A for motor protection

4 207 13

Dimensions **p. 188**

Moulded case MCCBs for switching, control isolation and protection of three-phase motors
Can be fitted with auxiliaries (p. 165)
Supplied with: fixing screws and insulated shields (phase barriers)
Conform to IEC 60947-2

Pack	Cat.Nos 3P	In (A)
DPX³ 160		
		Magnetic fixed Can be mounted on ⊔ rail plate in XL³ and XL³ S cabinets and enclosures Supplied with cage terminals 70 mm² max. flexible cable or 95 mm² max. rigid cable with accessories
		Breaking capacity Icu 16 kA (400 V~)
	3P	In (A)
1	4 207 10	16
1	4 207 11	25
1	4 207 12	50
1	4 207 13	63
		Breaking capacity Icu 25 kA (400 V~)
1	4 207 14	16
1	4 207 15	25
1	4 207 16	50
1	4 207 17	63
DPX³ 250		
		Magnetic fixed Can be mounted on ⊔ rail plate in XL³ and XL³ S cabinets and enclosures Supplied with cage terminals 95 mm² max. flexible cable or 120 mm² max. rigid cable with accessories
		Breaking capacity Icu 36 kA (400 V~)
	3P	In (A)
1	4 207 18	100
1	4 207 19	160
1	4 207 20	200
1	4 207 21	250
	3P+N	
1	8 002 49	250
	4P	
1	8 002 59	250
	3P	**Breaking capacity Icu 70 kA (400 V~)**
1	4 207 22	100
1	4 207 23	160
1	4 207 24	200
1	4 207 25	250

Red catalogue numbers: New products

DPX³ magnetic release only

MCCBs from 16 to 1250 A for motor protection (continued)

4 239 33

4 239 45

Dimensions **p. 191-192 and 194-197**

Moulded case MCCBs for switching, control isolation and protection of three-phase motors
Can be fitted with auxiliaries (p. 175 and 184)
Supplied with: screws for connections, fixing screws and insulated shields (phase barriers)
Conform to IEC 60947-2

DPX³ 250 HP

Magnetic adjustable from 6 to 14 In
Can be mounted on plate in XL³ and XL³ S cabinets and enclosures

Pack	Cat.Nos 3P	Cat.Nos 4P	In (A)
			Breaking capacity Icu 36 kA (400 V~)
1	4 239 01	4 239 13	6.3
1	4 239 02	4 239 14	12.5
1	4 239 03	4 239 15	25
1	4 239 04	4 239 16	32
1	4 239 05	4 239 17	50
1	4 239 06	4 239 18	80
1	4 239 07	4 239 19	100
1	4 239 08	4 239 20	160
1	4 239 09	4 239 21	220
			Breaking capacity Icu 50 kA (400 V~)
1	4 239 25	4 239 37	6.3
1	4 239 26	4 239 38	12.5
1	4 239 27	4 239 39	25
1	4 239 28	4 239 40	32
1	4 239 29	4 239 41	50
1	4 239 30	4 239 42	80
1	4 239 31	4 239 43	100
1	4 239 32	4 239 44	160
1	4 239 33	4 239 45	220
			Breaking capacity Icu 70 kA (400 V~)
1	4 239 49	4 239 61	6.3
1	4 239 50	4 239 62	12.5
1	4 239 51	4 239 63	25
1	4 239 52	4 239 64	32
1	4 239 53	4 239 65	50
1	4 239 54	4 239 66	80
1	4 239 55	4 239 67	100
1	4 239 56	4 239 68	160
1	4 239 57	4 239 69	220
			Breaking capacity Icu 100 kA (400 V~)
1	4 239 73	4 239 85	6.3
1	4 239 74	4 239 86	12.5
1	4 239 75	4 239 87	25
1	4 239 76	4 239 88	32
1	4 239 77	4 239 89	50
1	4 239 78	4 239 90	80
1	4 239 79	4 239 91	100
1	4 239 80	4 239 92	160
1	4 239 81	4 239 93	220

DPX³ 630

Magnetic adjustable up to 10 In
Can be mounted on plate in XL³ and XL³ S cabinets and enclosures

Pack	Cat.Nos 3P	Cat.Nos 4P	In (A)
			Breaking capacity Icu 36 kA (400 V~)
1	4 226 08		320 with electronic release
1	4 225 98	4 226 16	400
1	4 226 09		400 with electronic release
1	4 225 99		500
1	4 226 00	4 226 17	630
			Breaking capacity Icu 70 kA (400 V~)
1	4 226 10		320 with electronic release
1	4 226 01	4 226 18	400
1	4 226 11		400 with electronic release
1	4 226 02		500
1	4 226 03	4 226 19	630

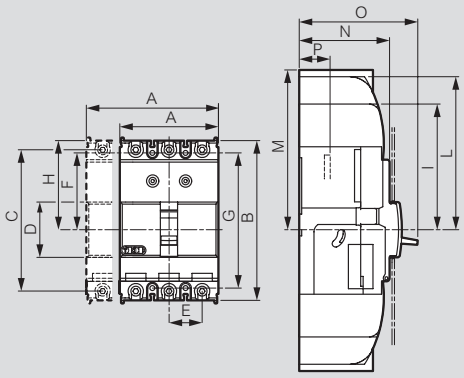
DPX³ 1600

Magnetic adjustable up to 10 In
Can be mounted on plate in XL³ and XL³ S cabinets and enclosures

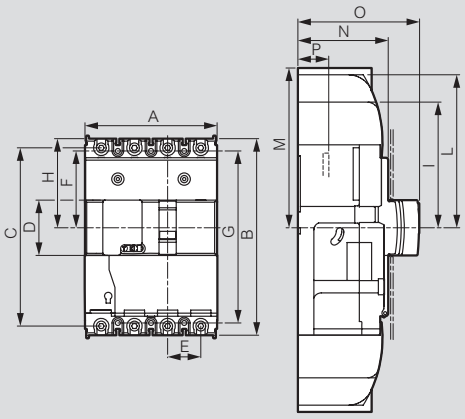
Pack	Cat.Nos 3P	Cat.Nos 4P	In (A)
			Breaking capacity Icu 50 kA (400 V~)
1	4 226 04	4 226 12	800
1	4 226 05	4 226 13	1000
			Breaking capacity Icu 70 kA (400 V~)
1	4 226 06	4 226 14	800
1	4 226 07	4 226 15	1000

DPX³ 160 thermal magnetic dimensions

Fixed version



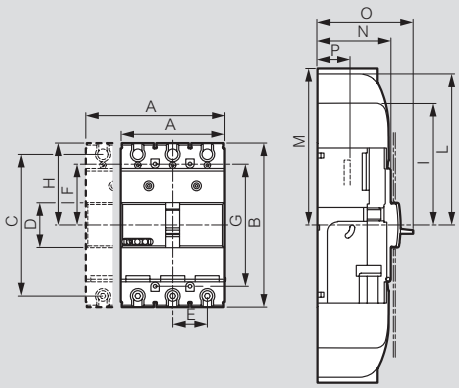
Fixed version with earth leakage module



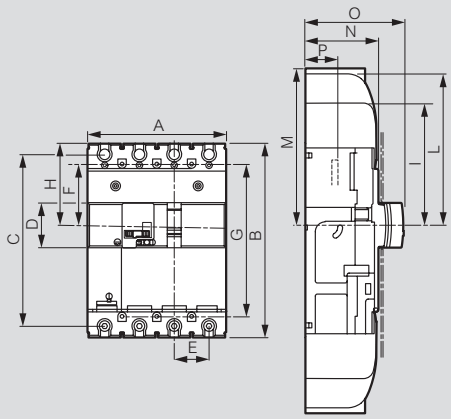
	A	B	C	D	E	F	G	H	I	L	M	N	O	P
3P	81	130	115	45	27	62.5	110	72.5	102.5	125	-	74	100	18
4P	108	130	115	45	27	62.5	110	72.5	102.5	125	-	74	100	18
e.l.c.bs	108	160	145	45	27	62.5	140	72.5	102.5	125	-	74	100	18

DPX³ 250 thermal magnetic and electronic release dimensions

Fixed version



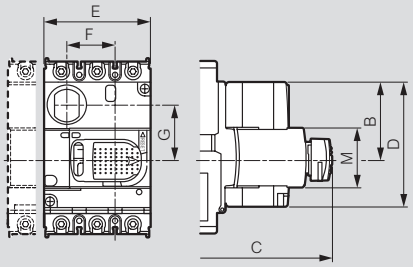
Fixed version with earth leakage module



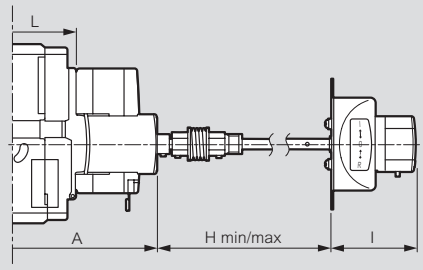
	A	B	C	D	E	F	G	H	I	L	M	N	O	P
3P	105	165	142.5	45	35	61.5	123	82.5	112.5	150	-	74	100	18
4P	140	165	142.5	45	35	61.5	123	82.5	112.5	150	-	74	100	18
e.l.c.bs	140	195	172.5	45	35	61.5	153	82.5	112.5	150	-	74	100	18

Dimensions

Direct rotary handles Cat.Nos 4 210 00/01/02/03



Vari-depth rotary handles Cat.Nos 4 210 04/05



	A	B	C	D	E	F	G	H min	H max	I	L	M
160	122	57	155	94	80.5	36.5	41.7	132	361	62	74	45
160 with e.l.c.bs	122	57	155	94	93	36.5	41.7	132	361	62	74	45
250	122	57	155	94	80.5	40.5	41.7	132	361	62	74	45
250 with e.l.c.bs	122	57	155	94	93	40.5	41.7	132	361	62	74	45
250 electronic release	122	57	155	94	93	40.5	41.7	132	361	62	74	45
250 electronic release with e.l.c.bs	122	57	155	94	93	40.5	41.7	132	361	62	74	45

DPX³ 160/250

technical characteristics (continued)

Technical characteristics (at 40 °C and 50 °C)

MCCBs		DPX³ 160 thermal magnetic				DPX³ 160 with electronic earth leakage module			
		16 kA	25 kA	36 kA	50 kA	16 kA	25 kA	36 kA	50 kA
Nominal current In (A)		16-25-40-63-80-100-125-160				16-25-40-63-80-100-125-160			
Rated insulation voltage (V)	50-60 Hz	800				500			
Rated operational voltage (V)	50-60 Hz	690				500			
Rated impulse withstand current Uimp (kV)		8				6			
Category of use		A				A			
Ultimate breaking capacity (kA) in AC	220/240 V~	25	35	50	65	25	35	50	65
	380/415 V~	16	25	36	50	16	25	36	50
	440/460 V~	10	18	25	30	10	18	25	30
	480/500 V~	8	10	12	15	8	10	12	15
	600 V~	6	8	10	12	-	-	-	-
	690 V~	5	5	8	10	-	-	-	-
Standard breaking capacity Ics (% Icu)		100	100	100	100	100	100	100	100
Short-circuit making capacity Icm (kA)	415 V~	32	52.5	75.6	105	32	52.5	75.6	105

MCCBs		DPX³ 250 thermal magnetic			DPX³ 250 thermal magnetic with electronic earth leakage module		
		25 kA	36 kA	50 kA	25 kA	36 kA	50 kA
Nominal current In (A)		100-160-200-250			100-160-200-250		
Rated insulation voltage (V)	50-60 Hz	800 (with integrated e.l.c.bs: 500)			800 (with integrated e.l.c.bs: 500)		
Rated operational voltage (V)	50-60 Hz	690 (with integrated e.l.c.bs: 500)			690 (with integrated e.l.c.bs: 500)		
Rated impulse withstand current Uimp (kV)		8			8		
Category of use		A			A		
Ultimate breaking capacity (kA) in AC	220/240 V~	40	60	80	40	60	80
	380/415 V~	25	36	50	25	36	50
	440/460 V~	20	30	40	20	30	40
	480/500 V~	10	25	30	8	16	18
	600 V~	9	20	22	-	-	-
	690 V~	8	16	18	8	16	18
Standard breaking capacity Ics (% Icu)		100	100	100	100	100	100

MCCBs		DPX³ 250 electronic release			DPX³ 250 electronic release		
		25 kA	36 kA	50 kA	25 kA	36 kA	50 kA
Nominal current In (A)		40-100-160-250			40-100-160-250		
Rated insulation voltage (V)	50-60 Hz	800 (with integrated e.l.c.bs: 500)			800 (with integrated e.l.c.bs: 500)		
Rated operational voltage (V)	50-60 Hz	690 (with integrated e.l.c.bs: 500)			690 (with integrated e.l.c.bs: 500)		
Rated impulse withstand current Uimp (kV)		6			6		
Category of use		A			A		
Ultimate breaking capacity (kA) in AC	220/240 V~	40	60	80	40	60	80
	380/415 V~	25	36	50	25	36	50
	440/460 V~	20	30	40	20	30	40
	480/500 V~	10	25	30	8	16	18
	600 V~	9	20	22	-	-	-
	690 V~	8	16	18	8	16	18
Standard breaking capacity Ics (% Icu)		100	100	100	100	100	100

Adjustment for thermal-magnetic DPX³

Setting	DPX³ thermal magnetic	DPX³ with integrated e.l.c.bs
Ir overload trip threshold (thermal)	0.8 to 1 In	0.8 to 1 In
Im short-circuit trip threshold (magnetic)	fixed: 10 In(1)	fixed: 10 In(1)
$I_{\Delta n}$ (A)	-	0.03 - 0.03 - 1 - 3
Δt (s)	-	0 - 0.3 - 1 - 3

1: 400 A for DPX³ 160 In 16 A and 25 A

Adjustment for DPX³ electronic release

Setting	DPX³	DPX³ with integrated e.l.c.bs
Ir overload trip threshold (long delay)	0.4 to 1 In	
tr long delay trip time	3 - 5 - 10 - 15s	
$I_{\Delta n}$ (A)	-	0.03 - 0.03 - 1 - 3
Δt (s)	-	0 - 0.3 - 1 - 3
Isd short-circuit trip threshold (short delay)	1.5 - 2 - 2.5 - 3 - 4 - 5 - 6 - 7 - 8 - 9 - 10 x Ir	
tsd short delay trip time	0.01 - 0.1 - 0.2 - 0.3 - 0.4 - 0.5 s	
Ig	(0.2 - 0.3 - 0.4 - 0.5 - 0.6 - 0.7 - 0.8 - 1 - OFF) x In	
tg	0.1 - 0.2 - 0.3 - 0.4 - 0.5 - 1 s	-

Functioning in particular conditions (temperature and altitude derating)
see technical sheets

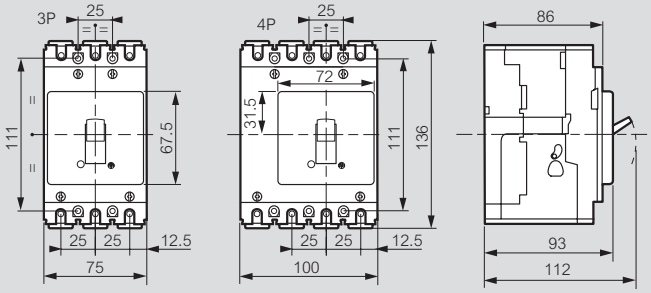
DPX³ tripping curves
see technical sheets

DPX³ 125/160 HP

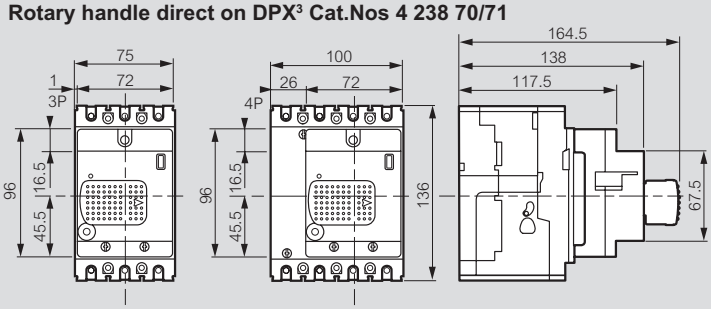
technical characteristics

Dimensions

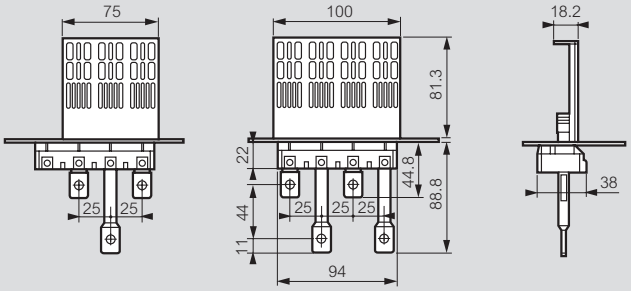
Fixed version, front terminals



Rotary handle direct on DPX³ Cat.Nos 4 238 70/71

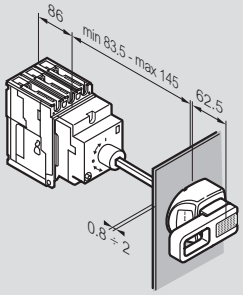


Fixed version with rear terminals Cat.Nos 4 238 91/92



Vari-depth handle Cat.Nos 4 238 72/73

IP 55



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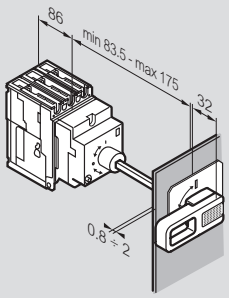
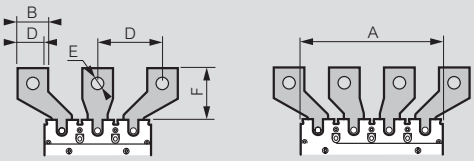
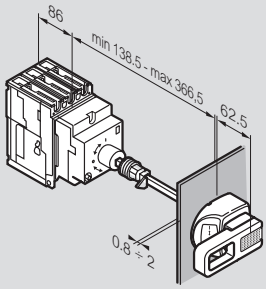


Spreaders Cat.Nos 4 238 88/89



	A	B	C	D	E	F
3P	75	22	10	35.7	10.2	32
4P	100	22	10	35.7	10.2	32

IP 55



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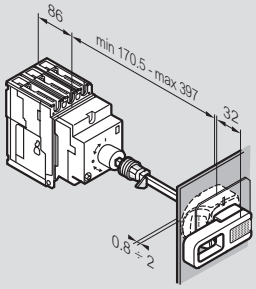
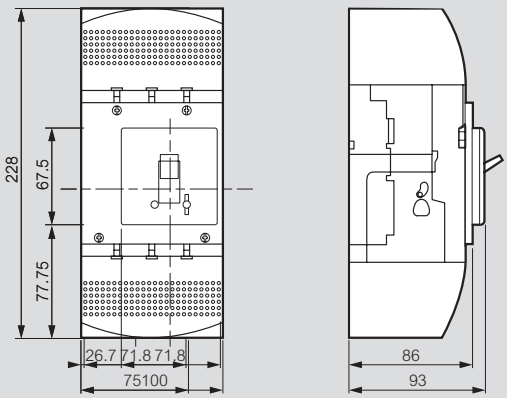
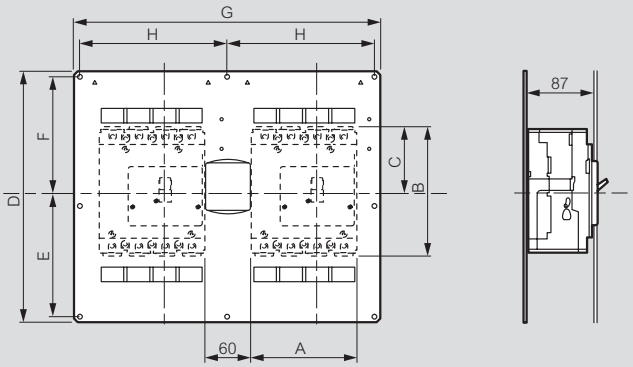


Sealable terminal shields Cat.Nos 4 238 93/94



Mechanical interlock Cat.Nos 4 238 25/26/27



	A	B	C	D	E	F	G	H
3P	75	136	68	290	140	135	315	150
4P	100	136	68	290	140	135	315	150

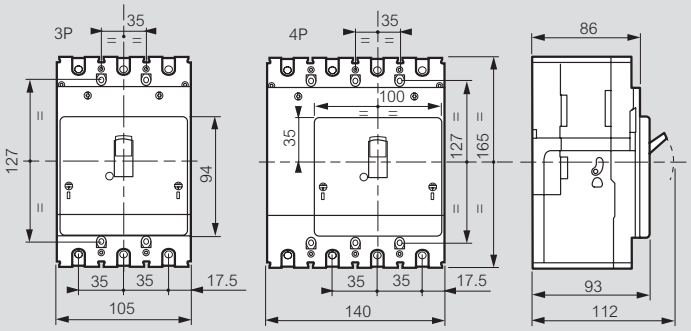
More dimensions for DPX³ 125 HP
see technical sheets

DPX³ 250 HP

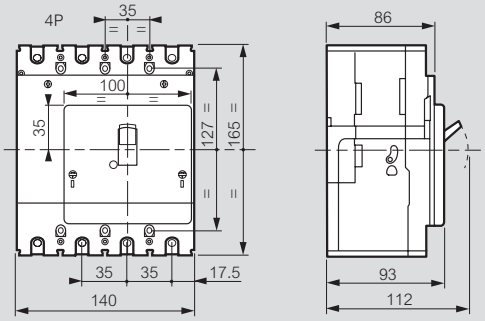
technical charcateristics

Dimensions

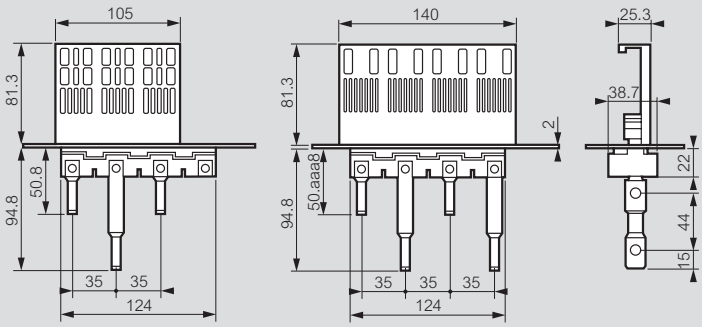
Fixed version, front terminals



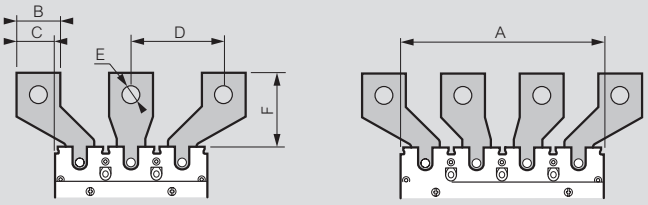
Fixed version with electronic earth leakage module



Fixed version with rear terminals Cat.Nos 4 238 91/92



Spreaders Cat.Nos 4 238 23/24

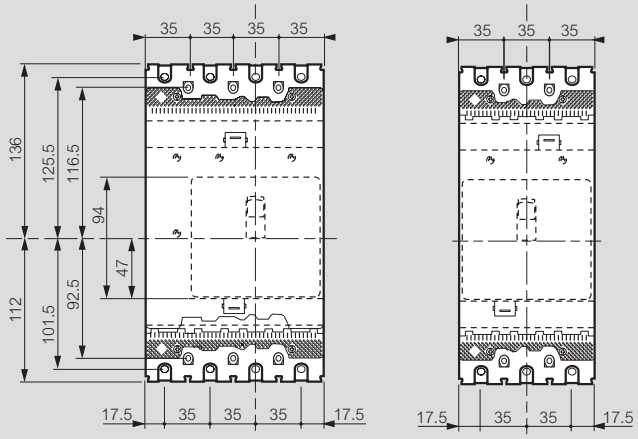


	A	B	C	D	E	F
3P	105	30	27	63.5	13	50
4P	140	30	27	63.5	13	50

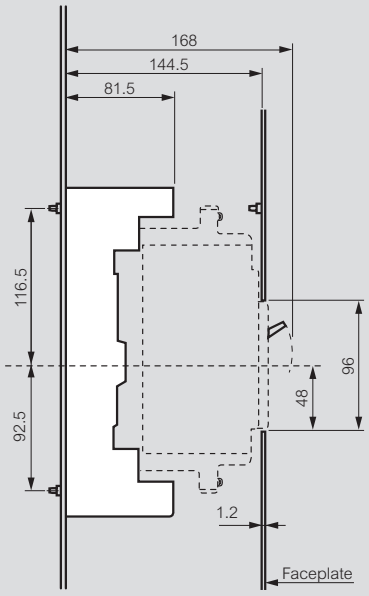
More dimensions for DPX³ 250 HP
see technical sheets

Plug-in version front terminals

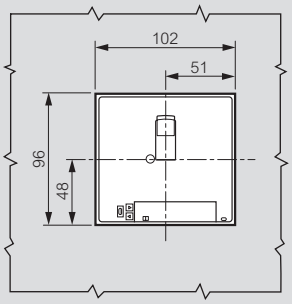
Front view



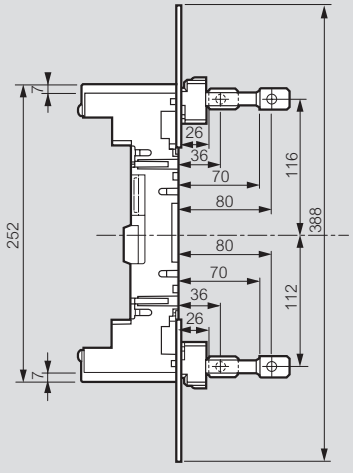
Side view with faceplate



Front view with faceplate



Plug-in base with rear terminals Cat.Nos 4 238 21/22

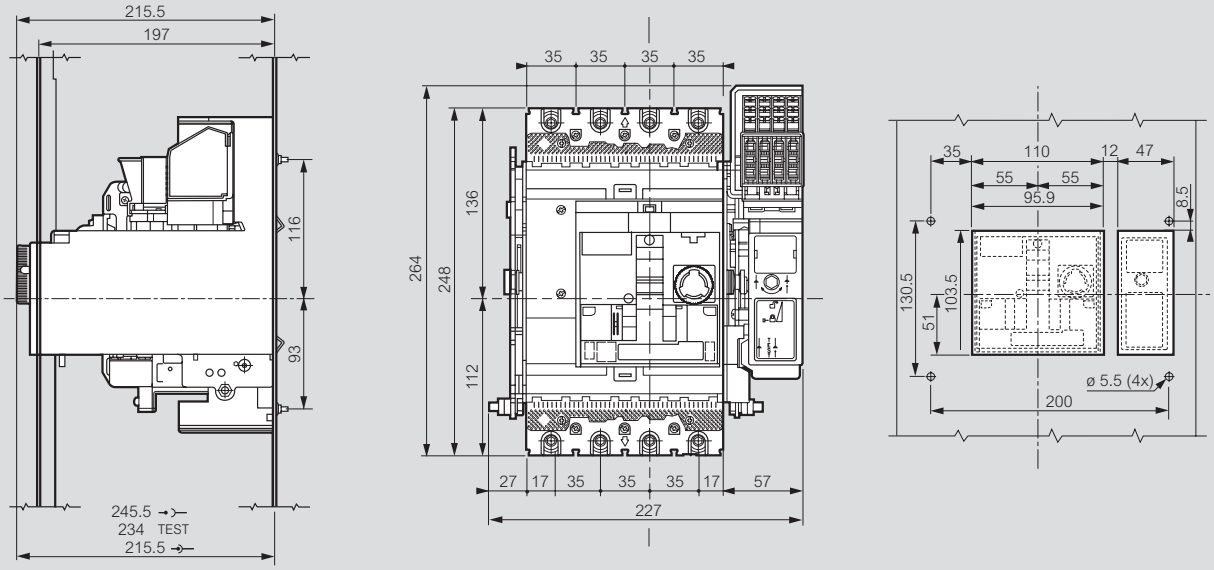


DPX³ 250 HP

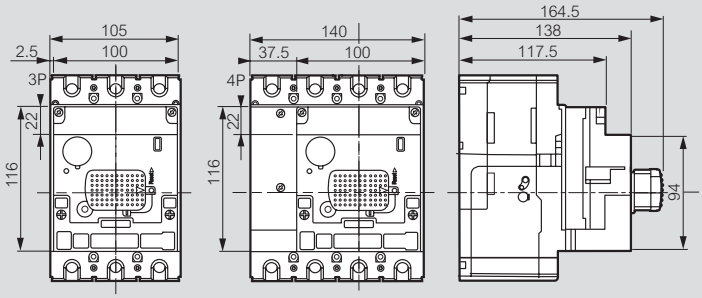
technical charcateristics (continued)

Dimensions

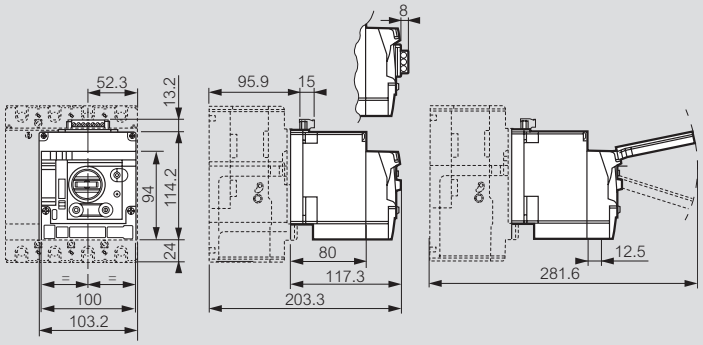
Draw-out version



Rotary handle direct on DPX³ Cat.Nos 4 238 70/71

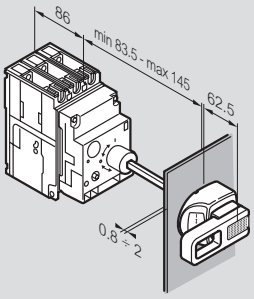


Motor driven handle Cat.Nos 4 238 40/41/42/43



Vari-depth handle Cat.Nos 4 238 72/73

IP 55



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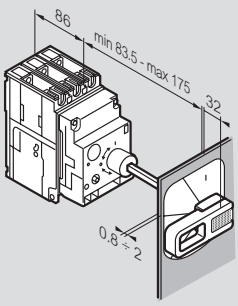

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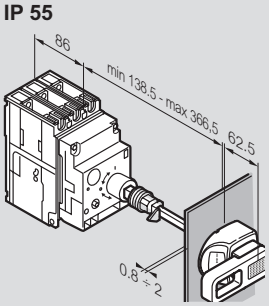

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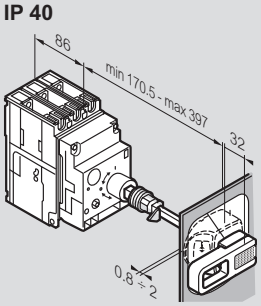
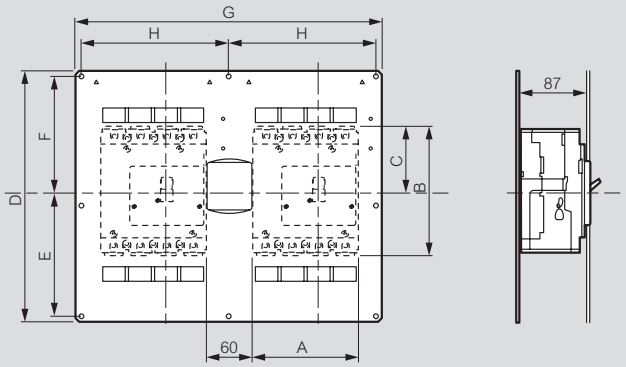


Mechanical interlock Cat.Nos 4 238 26/27/28



	A	B	C	D	E	F	G	H
3P	105	165	82.5	340	165	160	415	200
4P	140	165	82.5	340	165	160	415	200

More dimensions for DPX³ 250 HP
see technical sheets

DPX³ 125, 160 and 250 HP

technical charcateristics (continued)

Technical characteristics (at 40 °C and 50 °C)

MCCBs			DPX³ 125 HP thermal magnetic				DPX³ 125 HP thermal magnetic with electronic earth leakage module		DPX³ 160 HP thermal magnetic				DPX³ 160 HP thermal magnetic with electronic earth leakage module	
			36 kA	50 kA	70 kA	100 kA	36 kA	50 kA	36 kA	50 kA	70 kA	100 kA	36 kA	50 kA
Nominal rating In (A)			16-20-25-32-40 50-63-80-100-125				16-20-25-32-40 50-63-80-100-125		160				160	
Rated insulation voltage Ui (V)		50-60 Hz	800				500		800				500	
Rated operational voltage Ue (V)		50-60 Hz	690				500		690				500	
Rated impulse withstand current Uimp (kV)			8				6		8				6	
Category of use			A				A		A				A	
IEC 60947-2	Ultimate breaking capacity (kA) in AC	220/240 V~	70	90	100	150	70	90	70	90	100	150	70	90
		380/415 V~	36	50	70	100	36	50	36	50	70	100	36	50
		440/460 V~	20	25	35	40	20	25	20	25	35	40	20	25
		480/500 V~	12	16	20	25	12	16	12	16	20	25	12	16
		550 V~	8	10	16	18	-	-	8	10	16	18	-	-
		690 V~	5	6	10	12	-	-	5	6	10	12	-	-
	Standard breaking capacity Ics (% Icu)		100	100	100	100	100	100	100	100	100	100	100	100
	Short-circuit making capacity Icm (kA)	415 V~	76.5	105	154	220	76.5	105	76.5	105	154	220	76.5	105

MCCBs			DPX³ 250 HP thermal magnetic				DPX³ 250 HP thermal magnetic with electronic earth leakage module	
			36 kA	50kA	70 kA	100 kA	36 kA	50 kA
Rated current In (A)			16-20-25-32-40-50-63-80-100-125-160-200-250				16-20-25-32-40-50-63-80-100-125-160-200-250	
Rated insulation voltage Ui (V)		50-60 Hz	800				500	
Rated operational voltage Ue (V)		50-60 Hz	690				500	
Rated impulse withstand current Uimp (kV)			8				6	
Category of use			A				A	
IEC 60947-2	Ultimate breaking capacity (kA) in AC	220/240 V~	70	90	100	150	70	90
		380/415 V~	36	50	70	100	36	50
		440/460 V~	25	30	40	50	25	30
		480/500 V~	16	18	30	35	16	18
		550 V~	10	12	22	25	-	-
		690 V~	7	8	20	22	-	-
	Standard breaking capacity Ics (% Icu)		100	100	100	100	100	
	Short-circuit making capacity Icm (kA)	415 V~	76.5	105	154	220	76.5	105

MCCBs			DPX³ 250 HP electronic release				DPX³ 250 HP electronic release with electronic earth leakage module	
			36 kA	50kA	70 kA	100 kA	36 kA	50kA
Rated current In (A)			40-100-160-250				40-100-160-250	
Rated insulation voltage Ui (V)		50-60 Hz	800				500	
Rated operational voltage Ue (V)		50-60 Hz	690				500	
Rated impulse withstand current Uimp (kV)			8				6	
Category of use			A				A	
IEC 60947-2	Ultimate breaking capacity (kA) in AC	220/240 V~	70	90	100	150	70	90
		380/415 V~	36	50	70	100	36	50
		440/460 V~	25	30	40	50	25	30
		480/500 V~	16	18	30	35	16	18
		550 V~	10	12	22	25	-	-
		690 V~	7	8	20	22	-	-
	Standard breaking capacity Ics (% Icu)		100	100	100	100	100	100
	Short-circuit making capacity Icm (kA)	415 V~	76.5	105	154	220	76.5	105

Adjustment for thermal-magnetic DPX³ 125, 160 and 250 HP

Setting		DPX³ thermal magnetic	DPX³ with integrated e.l.c.bs
Ir overload trip threshold (thermal)		0.8 - 0.9 - 1 x In	
Im short-circuit trip threshold (magnetic)	DPX³ 125 HP	fixed at 400 A for In from 16 A to 40 A fixed at 10 x In for In ≥ 50 A	
	DPX³ 250 HP	Adjustable: fixed at 400 A for In ≤ 40 A from 6.5 to 13 x In for In = 50 A from 5 to 10 x In for In ≥ 50 A	
$I_{\Delta n}$ (A)		-	0.03 - 0.3 - 1 - 3
Δt (s)		-	0 - 0.3 - 1 - 3

Functioning in particular conditions (temperature and altitude derating)
see technical sheets

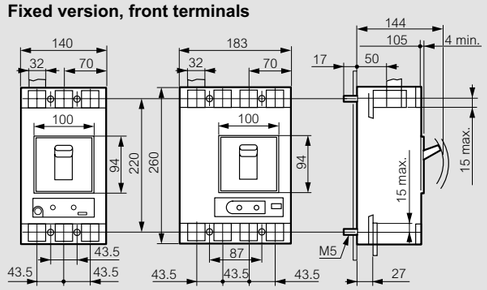
Adjustment for DPX³ 250 HP electronic release

Setting	DPX³ S1	DPX³ S1 with integrated e.l.c.bs	DPX³ S10	DPX³ S10 with integrated e.l.c.bs
Ir overload trip threshold (long delay)	0.4 to 1 x In		0.2 to 1 x In - OFF (step 1 A)	
tr	5 s		3 to 15 s (step 40 ms via software/app)	
$I_{\Delta n}$ (A)	-	0.03 - 0.03 - 1 - 3	-	0.03 - 0.3 - 1 - 3
Δt (s)	-	0 - 0.3 - 1 - 3	-	0 - 0.3 - 1 - 3
Isd short-circuit trip threshold (short delay)	1.5 - 2 - 2.5 - 3 - 4 - 5 - 6 - 7 - 8 - 9 - 10 x Ir		1.5 x Ir to 10 x In - OFF (step 1 A via software / app)	
tsd (t=k, I^2t=k) short delay trip time	0.1 s		40 to 480 ms (step 40 ms via software / app)	
Ii instantaneous protection (t=k)	-		2 to 15 x In - OFF (step 1 A via software / app)	
Ig	-		0.2 to 1 x In - OFF (step 0.1 x In)	
tg (t=k, I^2t=k)	-		80 ms to 1 s (step 40 ms)	

DPX³ HP tripping curves
see technical sheets

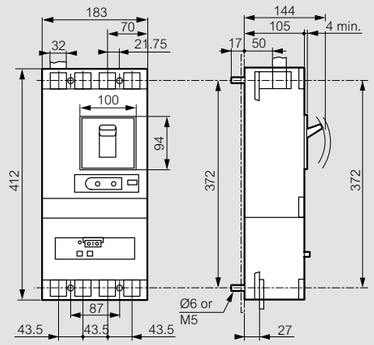
Dimensions

Fixed version, front terminals

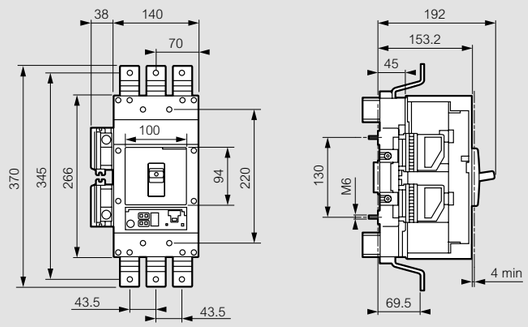


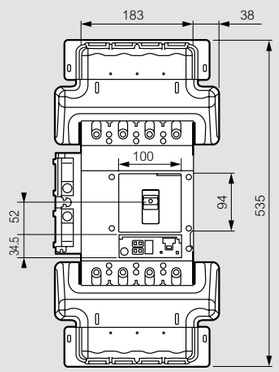
Fixed version with earth leakage module mounted underneath

Front terminals

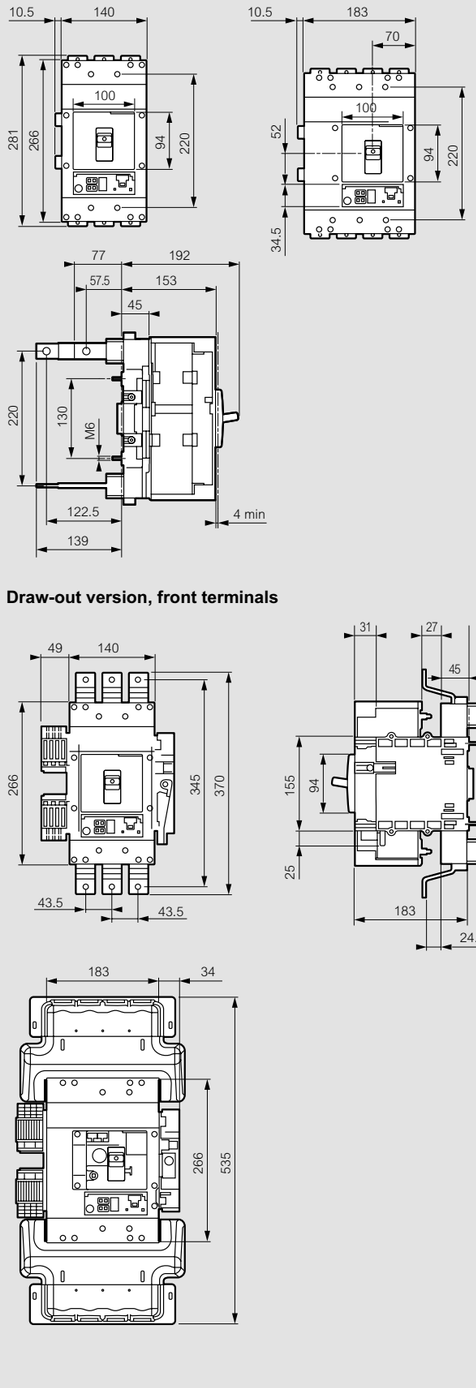


Plug-in version, front terminals





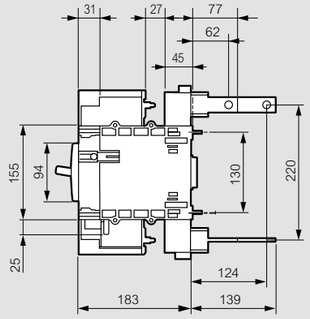
Plug-in version, rear terminals

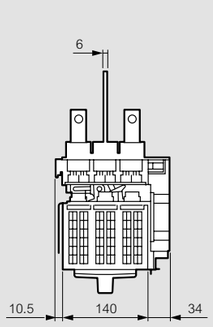


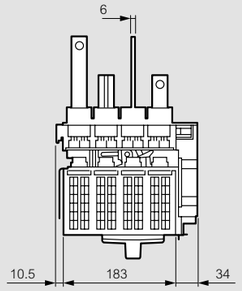
Draw-out version, front terminals

Draw-out version, rear terminals

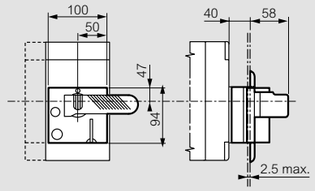
Flat rear terminal



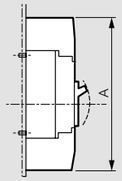




Rotary handle-direct on DPX³



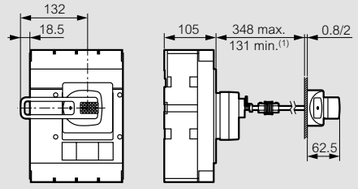
Terminal shields



	A (mm)
DPX 630	390
DPX 630 + earth leakage module	542

Rotary handle-vari-depth handle on door

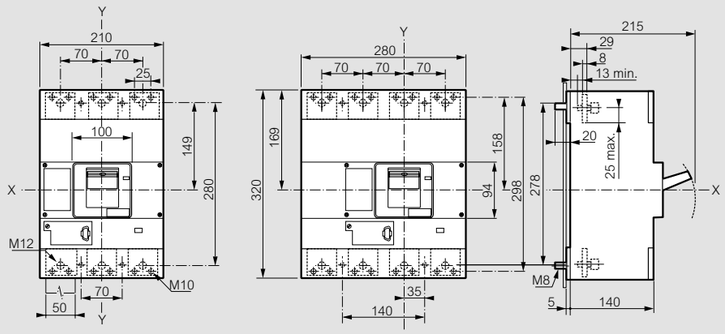
Mounting with flexible seal



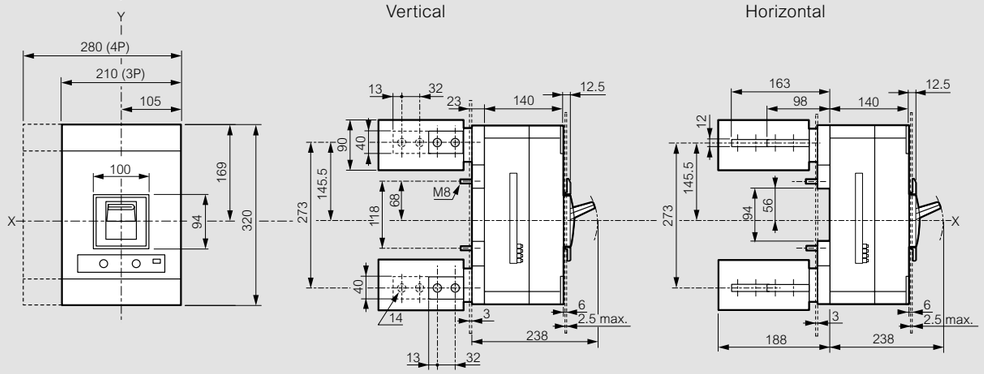
1: 75 mm without mechanical system

Dimensions

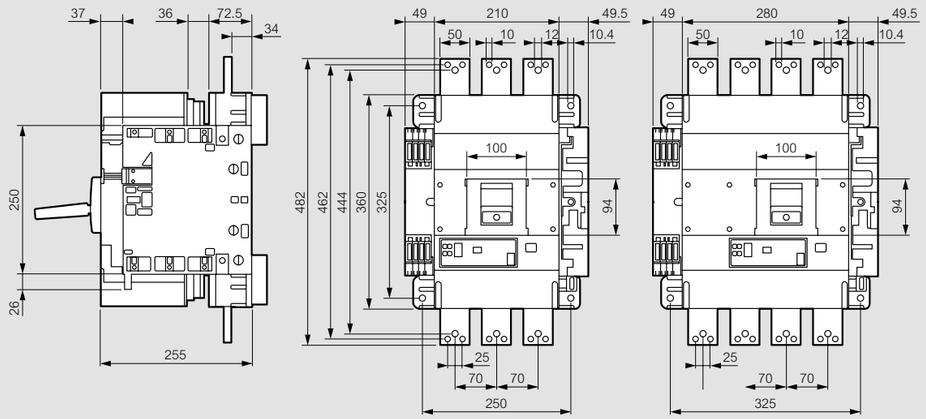
Fixed version, front terminals



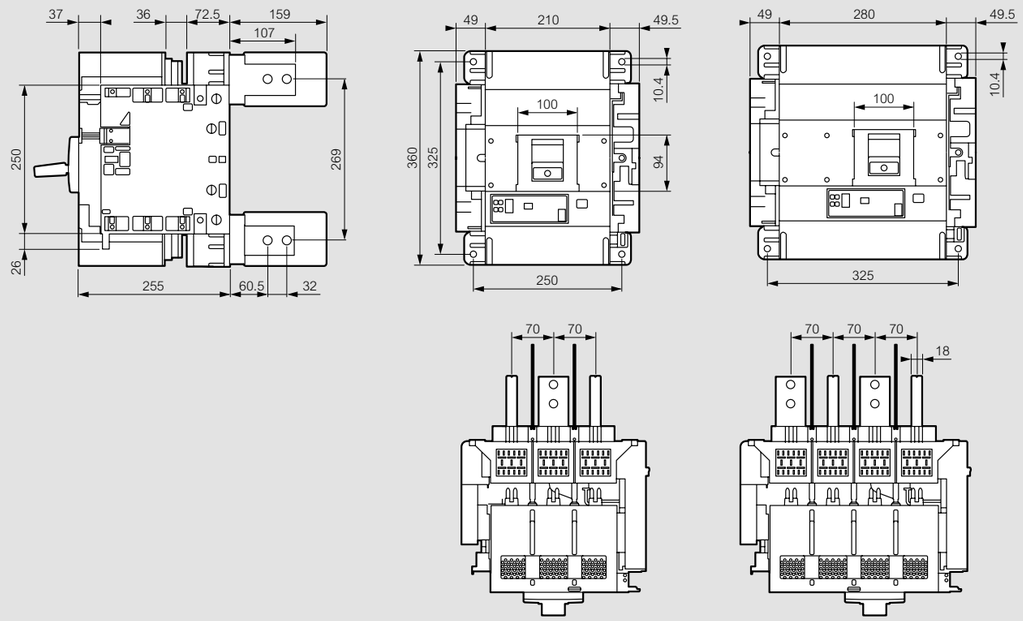
Fixed version, rear terminals



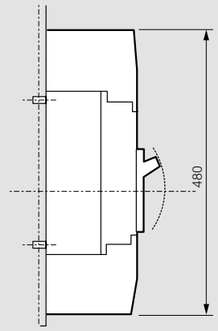
Draw-out version, front terminals



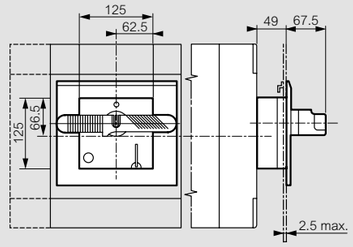
Draw-out version, rear terminals



Terminal shields

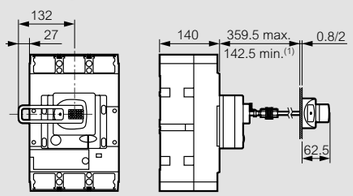


Rotary handle-direct on DPX³



Rotary vari-depth handle on door

Mounting with flexible seal



1: 75 mm without mechanical system

DPX³ 630/1600

reading DPX³ characteristic curves and adjustment ranges

Adjustment for thermal-magnetic DPX³

Threshold Setting	DPX³ 630	DPX³ 1600
Ir overload trip threshold (thermal)	0.8 to 1 In	0.8 to 1 In
Im short-circuit trip threshold (magnetic)	5 to 10 In	5 to 10 In

Adjustment for DPX³ electronic release

Threshold Setting	S1
Ir long delay setting current (protection against overloads)	Ir=0.4 ÷ 1 x In (with 2 selectors of 10 steps)
tr long delay protection operation time	tr=5 s (with memory ON)
Isd short delay setting current (protection against short-circuits)	Isd=1.5 ÷ 10 Ir (with 10 steps)
tsd (t=k, I²t=k) short delay protection operation time	tsd=100 ms

Threshold Setting	S10	
	Directly on the MCCB	Via software/App.
Ir long delay setting current (protection against overloads)	0.2 to 1 x In / step 1 A	0.2 to 1 x In - OFF / step 1 A
tr long delay protection operation time	3 to 30 s	3 to 30 s / step 40 ms
Isd short delay setting current (protection against short-circuits)	1.5 to 3 x Ir / step 0.5 x Ir 3 to 10 x Ir / step Ir	1.5 x Ir to 10 x In - OFF / step 1 A
tsd (t=k, I²t=k) short delay protection operation time	40 to 480 ms	40 to 480 ms / step 40 ms
Ii (t=k) instantaneous protection	-	2 to 15 x In - OFF / step 1 A
Ig	0.2 to 1 x In / step 0.1 x In	0.2 to 1 x In - OFF / step 0.1 x In
tg (t=k, I²t=k)	80 to 480 ms and 1 s	80 ms to 1 s / step 40 ms

DPX³-I

technical characteristics

Electrical characteristics

		DPX³-I 160	DPX³-I 250	DPX³-I 125 HP	DPX³-I 160 HP	DPX³-I 250 HP	DPX³-I 630	DPX³-I 1600
Rated operating voltage Ue (V)	50/60 Hz	690(1)	690(1)	690	690	690	690	690
Rated insulation voltage Ui (V~)		800	800	800	800	800	800	800
Rated impulse withstand voltage Uimp (kV)		8	8	8	8	8	8	8
Rated closing capacity on 400 V short circuit Icm (kA)		3	4.3	2.5	3	4.3	6.5(2) / 13(3)	40
Short-time resistive current t = 1 s Icw (kA)		2	3	1.5	2	3	4(2) / 7.6(3)	10(4) / 15(5) / 20(6)
Endurance (o.c. cycle)	mechanical	25000	25000	20000	20000	12000	25000	10000
	electrical	8000	8000	8000	8000	6000	4000	4000
Conventional thermal current (A)		160	250	125	160	250	630	1600
Nominal current of use (A) AC 23 A		160 (160 V)	250 (250 V)	125	160	250	630	1600

1: 500 V for DPX³-I with earth leakage module
2: In = 400 A
3: In = 630 A
4: In = 800 A
5: In = 1250 A
6: In = 1600 A

Dimensions

Dimensions of DPX³-I identical to corresponding DPX³

DPX³-I	Dimensions
DPX³-I 160	DPX³ 160 (see p. 188)
DPX³-I 250	DPX³ 250 (see p. 188)
DPX³-I 125 HP	DPX³ 125 HP (see p. 190)
DPX³-I 160 HP	DPX³ 160 HP (see p. 190)
DPX³-I 250 HP	DPX³ 250 HP (see p. 191)
DPX³-I 630	DPX³ 630 (see p. 194-195)
DPX³-I 1600	DPX³ 1600 (see p.196-197)

Choice of faceplates and distribution equipment

Equipment of DPX³-I identical to corresponding DPX³

Devices	XL³ S 630	XL³ S 4000	XL³ 4000
DPX³/DPX³-I 160	(p. 336)	(p. 357)	(p. 385)
DPX³/DPX³-I 250	(p. 336)	(p. 357)	(p. 385)
DPX³/DPX³-I 630	(p. 338)	(p. 359)	(p. 388)
DPX³/DPX³-I 1600	-	(p. 362)	(p. 389)

DPX³ 630 and DPX³ 1600 MCCBs old range

S2 and Sg electronic releases

DPX³ 630		S2 ELECTRONIC RELEASE				Sg ELECTRONIC RELEASE			
Breaking capacity Icu (kA)	In (A)	MCCB		MCCB with energy metering central unit		MCCB		MCCB with energy metering central unit	
		3P	4P	3P	4P	3P	4P	3P	4P
36 kA	250	4 220 56	4 220 61	4 220 96	4 221 01	4 221 36	4 221 41	4 221 76	4 221 81
	320	4 220 57	4 220 62	4 220 97	4 221 02	4 221 37	4 221 42	4 221 77	4 221 82
	400	4 220 58	4 220 63	4 220 98	4 221 03	4 221 38	4 221 43	4 221 78	4 221 83
	500	4 220 59	4 220 64	4 220 99	4 221 04	4 221 39	4 221 44	4 221 79	4 221 84
	630	4 220 60	4 220 65	4 221 00	4 221 05	4 221 40	4 221 45	4 221 80	4 221 85
50 kA	250	4 220 66	4 220 71	4 221 06	4 221 11	4 221 46	4 221 51	4 221 86	4 221 91
	320	4 220 67	4 220 72	4 221 07	4 221 12	4 221 47	4 221 52	4 221 87	4 221 92
	400	4 220 68	4 220 73	4 221 08	4 221 13	4 221 48	4 221 53	4 221 88	4 221 93
	500	4 220 69	4 220 74	4 221 09	4 221 14	4 221 49	4 221 54	4 221 89	4 221 94
	630	4 220 70	4 220 75	4 221 10	4 221 15	4 221 50	4 221 55	4 221 90	4 221 95
70 kA	250	4 220 76	4 220 81	4 221 16	4 221 21	4 221 56	4 221 61	4 221 96	4 222 01
	320	4 220 77	4 220 82	4 221 17	4 221 22	4 221 57	4 221 62	4 221 97	4 222 02
	400	4 220 78	4 220 83	4 221 18	4 221 23	4 221 58	4 221 63	4 221 98	4 222 03
	500	4 220 79	4 220 84	4 221 19	4 221 24	4 221 59	4 221 64	4 221 99	4 222 04
	630	4 220 80	4 220 85	4 221 20	4 221 25	4 221 60	4 221 65	4 222 00	4 222 05
100 kA	250	4 220 86	4 220 91	4 221 26	4 221 31	4 221 66	4 221 71	4 222 06	4 222 11
	320	4 220 87	4 220 92	4 221 27	4 221 32	4 221 67	4 221 72	4 222 07	4 222 12
	400	4 220 88	4 220 93	4 221 28	4 221 33	4 221 68	4 221 73	4 222 08	4 222 13
	500	4 220 89	4 220 94	4 221 29	4 221 34	4 221 69	4 221 74	4 222 09	4 222 14
	630	4 220 90	4 220 95	4 221 30	4 221 35	4 221 70	4 221 75	4 222 10	4 222 15

DPX³ 1600		S2 ELECTRONIC RELEASE				Sg ELECTRONIC RELEASE			
Breaking capacity Icu (kA)	In (A)	MCCB		MCCB with energy metering central unit		MCCB		MCCB with energy metering central unit	
		3P	4P	3P	4P	3P	4P	3P	4P
36 kA	630	4 222 99	4 223 05	4 223 47	4 223 53	4 223 95	4 224 01	4 224 43	4 224 49
	800	4 223 00	4 223 06	4 223 48	4 223 54	4 223 96	4 224 02	4 224 44	4 224 50
	1000	4 223 01	4 223 07	4 223 49	4 223 55	4 223 97	4 224 03	4 224 45	4 224 51
	1250	4 223 02	4 223 08	4 223 50	4 223 56	4 223 98	4 224 04	4 224 46	4 224 52
	1600	4 223 03	4 223 09	4 223 51	4 223 57	4 223 99	4 224 05	4 224 47	4 224 53
50 kA	630	4 223 11	4 223 17	4 223 59	4 223 65	4 224 07	4 224 13	4 224 55	4 224 61
	800	4 223 12	4 223 18	4 223 60	4 223 66	4 224 08	4 224 14	4 224 56	4 224 62
	1000	4 223 13	4 223 19	4 223 61	4 223 67	4 224 09	4 224 15	4 224 57	4 224 63
	1250	4 223 14	4 223 20	4 223 62	4 223 68	4 224 10	4 224 16	4 224 58	4 224 64
	1600	4 223 15	4 223 21	4 223 63	4 223 69	4 224 11	4 224 17	4 224 59	4 224 65
70 kA	630	4 223 23	4 223 29	4 223 71	4 223 77	4 224 19	4 224 25	4 224 67	4 224 73
	800	4 223 24	4 223 30	4 223 72	4 223 78	4 224 20	4 224 26	4 224 68	4 224 74
	1000	4 223 25	4 223 31	4 223 73	4 223 79	4 224 21	4 224 27	4 224 69	4 224 75
	1250	4 223 26	4 223 32	4 223 74	4 223 80	4 224 22	4 224 28	4 224 70	4 224 76
	1600	4 223 27	4 223 33	4 223 75	4 223 81	4 224 23	4 224 29	4 224 71	4 224 77
100 kA	630	4 223 35	4 223 41	4 223 83	4 223 89	4 224 31	4 224 37	4 224 79	4 224 85
	800	4 223 36	4223 42	4 223 84	4 223 90	4 224 32	4 224 38	4 224 80	4 224 86
	1000	4 223 37	4 223 43	4 223 85	4 223 91	4 224 33	4 224 39	4 224 81	4 224 87
	1250	4 223 38	4 223 44	4 223 86	4 223 92	4 224 34	4 224 40	4 224 82	4 224 88

Air circuit breakers DMX-SP 2500

from 630 A to 2500 A

6 702 20 + 0 283 02

6 702 44 + 0 283 00

Dimensions **p. 208-209**
Technical characteristics **p. 201**

Automatic air circuit breakers must be equipped with DMX-SP 2500 electronic protection units Cat.No 0 283 00/01/02/03, imperatively ordered together for factory assembly
Please ask for DMX-SP order form
Conform to IEC 60947-2

Fixed version

Supplied with
- 1 auxiliary contact: NO/NC
- door sealing

JANUARY 2024

Frame 2500

Breaking capacity Icu 42 kA (415 V~)

Pack	Cat.Nos 3P	Cat.Nos 4P	In (A)
1	6 702 00	6 702 07	630
1	6 702 01	6 702 08	800
1	6 702 02	6 702 09	1000
1	6 702 03	6 702 10	1250
1	6 702 04	6 702 11	1600
1	6 702 05	6 702 12	2000
1	6 702 06	6 702 13	2500

Breaking capacity Icu 50 kA (415 V~)

Pack	Cat.Nos 3P	Cat.Nos 4P	In (A)
1	6 702 14	6 702 21	630
1	6 702 15	6 702 22	800
1	6 702 16	6 702 23	1000
1	6 702 17	6 702 24	1250
1	6 702 18	6 702 25	1600
1	6 702 19	6 702 26	2000
1	6 702 20	6 702 27	2500

Draw-out version

Supplied with:
- 1 auxiliary contact: NO/NC
- door sealing

To be installed on a draw-out base Cat.No 6 696 10 or 6 696 11

JANUARY 2024

Frame 2500

Breaking capacity Icu 42 kA (415 V~)

Pack	Cat.Nos 3P	Cat.Nos 4P	In (A)
1	6 702 30	6 702 37	630
1	6 702 31	6 702 38	800
1	6 702 32	6 702 39	1000
1	6 702 33	6 702 40	1250
1	6 702 34	6 702 41	1600
1	6 702 35	6 702 42	2000
1	6 702 36	6 702 43	2500

Breaking capacity Icu 50 kA (415 V~)

Pack	Cat.Nos 3P	Cat.Nos 4P	In (A)
1	6 702 44	6 702 51	630
1	6 702 45	6 702 52	800
1	6 702 46	6 702 53	1000
1	6 702 47	6 702 54	1250
1	6 702 48	6 702 55	1600
1	6 702 49	6 702 56	2000
1	6 702 50	6 702 57	2500

Draw-out base

Pack	Cat.Nos 3P	Cat.Nos 4P	
1	6 696 10	6 696 11	For DMX-SP/DMX-SP-I 2500

Old range DMX-SP 2500
p. 203

DMX-SP 2500 electronic protection units

0 283 00

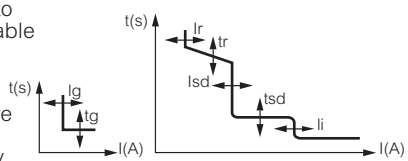
0 283 02

4 149 45

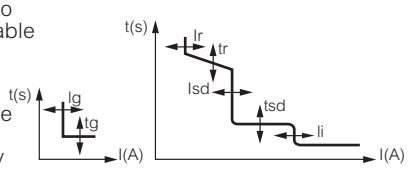
4 149 40

DMX-SP circuit breakers must be equipped with electronic protection units (to be ordered together for factory assembly) enabling very precise adjustments of the protection conditions, while maintaining total discrimination with downstream devices
Conform to IEC 60947-2

Pack	Cat.Nos	
		MP2.10 protection units with LED matrix screen
		Integrated LED matrix screen to show electrical values and settings Adjustment via rotating encoder Adjustment of Ir, tr, isd, tsd, Ii, Ig and tg Possibility to enable/disable protections
	JANUARY 2024	
1	0 283 00	Without mesure
1	0 283 01[1]	With mesure Measure and display instantaneous, maximum and average values of different electrical values and protection conditions Fault signaling and log



Pack	Cat.Nos	
		MP4.10 protection units with LCD screen
		Integrated LCD screen for displaying electrical values, settings and log Equipped with batteries for powering in case of main fault or when the breaker is open or not connected Adjustment via rotating encoder Adjustment of Ir, tr, isd, tsd, Ii, Ig and tg Possibility to enable/disable protections
	JANUARY 2024	
1	0 283 02	Without mesure
1	0 283 03[1]	With mesure Measure and display instantaneous, maximum and average values of different electrical values and protection conditions Fault signaling and log



Pack	Cat.Nos		Number of modules
1	4 149 45	**Power supply module** 500 mA 12 V⎓ stablized power supply module for CX³ energy management system	1
1	4 149 40	**Communication interface** RS485 / CX³ energy management system conversion Consumption: 0.344 W - 28.7 m~ (12 V⎓)	1
	JANUARY 2024		
1	6 696 20[3]	**External neutral** For DMX-SP 2500	
	JANUARY 2024		
1	0 283 10[2]	**Bluetooth communication key** USB key for Bluetooth communication with DMX³ protection units. Needed to remotely configure, monitor and manage the DMX³ protection units through EnerUp + Project App USB connection port on front of protection unit	

1: For the correct working of metering function it's necessary to connect a CX³ EMS power supply module Cat.No 4 149 45

2: EnerUp + Project App for smartphone and tablet available on Apple Store and Google Play. Configuration, monitoring and management software (PCS) available for download via e-catalogue (does not require the use of Bluetooth communication key Cat.No 0 283 10)

3: Optional accessories, to be ordered when ordering electronic protection unit and DMX-SP air circuit breakers for factory assembly

Red catalogue numbers: New products

Trip free switches DMX-SP-I 2500

from 630 A to 2500 A

6 702 29

Dimensions **p. 208-209**

Conform to IEC 60947-3

Fixed version

Supplied with:
- 1 auxiliary contact: NO/NC
- door sealing

JANUARY 2024

Pack	Cat.Nos		
	Frame 2500		
	3P	4P	In (A)
1	6 702 80	6 702 85	630
1	6 702 81	6 702 86	800
1	6 702 82	6 702 87	1000
1	6 702 83	6 702 88	1250
1	6 702 84	6 702 89	1600
1	6 702 28	6 702 58	2000
1	6 702 29	6 702 59	2500

Draw-out version

Supplied with:
- 1 auxiliary contact: NO/NC
- door sealing

To be installed on a draw-out base Cat.No 6 696 10 or 6 696 11 (p. 200)

JANUARY 2024

Pack	Cat.Nos		
	Frame 2500		
	3P	4P	In (A)
1	6 702 90	6 702 95	630
1	6 702 91	6 702 96	800
1	6 702 92	6 702 97	1000
1	6 702 93	6 702 98	1250
1	6 702 94	6 702 99	1600
1	6 702 64	6 702 74	2000
1	6 702 69	6 702 79	2500

Old range DMX-SP-I 2500
p. 203

Auxiliaries and accessories
for DMX-SP 2500 **p. 202-203**

Technical characteristics

Device		DMX-SP 2500		DMX-SP-I 2500
Frame		2500		2500
Rated current In (A)		630 / 800 /1000 / 1250 / 1600 / 2000 / 2500		630 / 800 /1000 / 1250 / 1600 / 2000 / 2500
Rated insulation voltage (50/60Hz) Ui (V)		1000		1000
Rated operational voltage (50/60Hz) Ue (V)		690		690
Rated impulse withstand voltage Uimp (kV)		12		12
Category of use		B		AC23A
Suitable for isolation		Yes		Yes
Breaking capacity at 415 V~ (kA)		42	50	-
Rated ultimate short-circuit breaking capacity Icu (kA) IEC 60947-2	220 / 240 V~	42	50	-
	380 / 415 V~	42	50	-
	440 / 460 V~	42	50	-
	480 / 500 V~	42	50	-
	600 V~	42	42	-
	690 V~	42	42	-
Rated service short-circuit breaking capacity Ics (%Icu)		100		-
Rated short-circuit making capacity Icm (kA) IEC 60947-2	220 / 240 V~	88	105	105
	380 / 415 V~	88	105	105
	440 / 460 V~	88	105	105
	480 / 500 V~	88	105	105
	600 V~	88	88	88
	690 V~	88	88	88
Rated short time withstand current Icw (kA) for t = 1 s IEC 60947-2	220 / 240 V~	42	50	50
	380 / 415 V~	42	50	50
	440 / 460 V~	42	50	50
	480 / 500 V~	42	50	50
	600 V~	42	42	42
	690 V~	42	42	42
Rated Short time withstand current Icw (kA) for t = 3 s IEC 60947-2	220 / 240 V~	25	25	25
	380 / 415 V~	25	25	25
	440 / 460 V~	25	25	25
	480 / 500 V~	25	25	25
	600 V~	25	25	25
	690 V~	25	25	25
Endurance (cycles)	mechanical without maintenance	5000		5000
	mechanical with maintenance	10000		10000
	electrical without maintenance	3000		3000
Temperature	operation	-25°C to +70°C		-25°C to +70°C
	storage	-25°C to +85°C		-25°C to +85°C

Temperature derating

Fixed / draw-out version

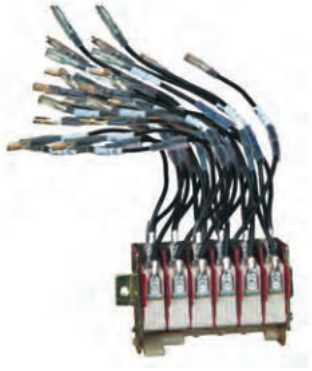
DMX-SP DMX-SP-I 2500	Temperature									
	up to 40°C		50°C		60°C		65°C		70°C	
	Imax (A)	Ir / In	Imax (A)	Ir / In	Imax (A)	Ir / In	Imax (A)	Ir / In	Imax (A)	Ir / In
Fixed version	630	1	630	1	630	1	630	1	630	1
	800	1	800	1	800	1	800	1	800	1
	1000	1	1000	1	1000	1	1000	1	1000	1
	1250	1	1250	1	1250	1	1250	1	1250	1
	1600	1	1600	1	1600	1	1600	1	1552	0.97
	2000	1	2000	1	1940	0.97	1840	0.92	1760	0.88
	2500	1	2500	1	2350	0.94	2250	0.9	2150	0.86
Draw-out version	630	1	630	1	630	1	630	1	630	1
	800	1	800	1	800	1	800	1	800	1
	1000	1	1000	1	1000	1	1000	1	1000	1
	1250	1	1250	1	1250	1	1250	1	1250	1
	1600	1	1600	1	1600	1	1552	0.97	1488	0.93
	2000	1	1920	0.96	1840	0.92	1760	0.88	1660	0.83
	2500	1	2400	0.96	2250	0.9	2100	0.84	1950	0.78

Red catalogue numbers: New products

Auxiliaries, accessories for DMX-SP 2500

0 281 26

0 281 23


0 281 75

4 238 80

4 238 83

Pack	Cat.Nos	Control and signalling auxiliaries
		Shunt trip When energised the circuit breaker will be tripped For DMX-SP 2500 and DMX³ 1600
1	0 281 31	24 V~/⎓
1	0 281 32	48 V~/⎓
1	0 281 33	110 - 130 V~/⎓
1	0 281 34	220 - 250 V~/⎓
1	0 281 35	415 - 440 V~
		Undervoltage releases When the coil is de-energised, the circuit breaker will be tripped For DMX-SP 2500 and DMX³ 1600
1	0 281 36	24 V~/⎓
1	0 281 37	48 V~/⎓
1	0 281 38	110 - 130 V~/⎓
1	0 281 39	220 - 250 V~/⎓
1	0 281 40	415 - 440 V~
		Module for delayed tripping To be used with above undervoltage releases For DMX-SP 2500 and 4000 and DMX³ frame 1600 to 6300
1	0 288 62	110 V~/⎓
1	0 288 63	230 V~/⎓
		Motor operators To motorize a DMX-SP, it is possible to connect, to the motor operators, a release coil (undervoltage or trip on energising) and a closing coil For DMX-SP 2500 and DMX³ 1600
1	0 281 20	24 V~/⎓
1	0 281 21	48 V~/⎓
1	0 281 22	110 - 130 V~/⎓
1	0 281 23	220 - 250 V~/⎓
1	0 281 24	415 - 440 V~
		Closing coils Enables remote closing of the circuit breaker if the closing spring is charged For DMX-SP 2500 and DMX³ 1600
1	0 281 26	24 V~/⎓
1	0 281 27	48 V~/⎓
1	0 281 28	110 - 130 V~/⎓
1	0 281 29	220 - 250 V~/⎓
1	0 281 30	415 - 440 V~
		Signalling contact for draw-out version Inserted / test / draw-out signalling contact
1	0 281 73	1 changeover contact per position (up to 2 contacts with double accessory if the safety button for test position Cat.No 6 696 08 is not mounted) For DMX-SP 2500 and DMX³ 1600

Pack	Cat.Nos	Locking
		For DMX-SP 2500 and DMX³ 1600
		Universal key locks To be used in combination with key locking support Cat.No 0 281 91
1	4 238 80	Key barrel and flat key with random mapping
1	4 238 81	Key barrel and flat key with fixed mapping EL43525
1	4 238 82	Key barrel and flat key with fixed mapping EL43363
1	4 238 83	Key barrel and star key with random mapping
		Key locking support in "open" or draw-out position
1	0 281 91	For locking a DMX-SP 2500 and a DMX³ 1600 in "open" or draw-out position To be equipped with universal keylocks Cat.Nos 4 238 80/81/82/83
		Door locking Prevents opening of the door with the circuit breaker closed
1	0 281 84	Left-hand and right-hand side mounting

		Accessories
		For DMX-SP 2500 and DMX³ 1600
1	0 281 88	Mechanical counter Counts total number of operation cycles of the device
1	0 281 74	Contact «ready to close» with charged springs
1	0 281 75	Module with 6 auxiliary contacts
1	0 281 89	Rating mis-insertion device Prevents the insertion of a draw-out circuit breaker in an incompatible base
		For DMX-SP 2500 draw-out version
1	6 696 08	Inserted / test / draw-out lock button

Red catalogue numbers: New products

Rear terminals for DMX-SP 2500 and equipment for transfer switches

0 288 84

0 288 82

0 288 96

0 288 91

Dimensions **p. 208-209**

Pack	Cat.Nos 3P	Cat.Nos 4P	
			Rear terminals For DMX-SP 2500 and DMX³ frame 2500
1	0 288 84	0 288 85	**For fixed version** For flat connection with bars To be fixed onto horizontal rear terminals of the circuit breaker
1	0 288 82	0 288 83	For vertical connection with bars Those terminals are used in order to transform a flat connection into a vertical one To be fixed onto Cat.Nos 0 288 84/85 according to the number of poles
1	0 288 96	0 288 97	**For draw-out version** For vertical or horizontal connection with bars To be fixed onto plate rear terminals of the circuit breaker
1	6 696 18	6 696 19	**For fixed or draw-out version (max. rating 1600 A) - Aluminium version** When used for DMX-SP fixed version, must be fixed on the speaders Cat.Nos 0 288 86/87 When used for DMX-SP 2500 draw-out version, must be fixed directly on the flat rear terminals of the circuit breaker
			Spreaders for fixed version To be fixed onto horizontal rear terminals of the circuit breaker For DMX-SP 2500 and DMX³ frame 2500
1	0 288 86	0 288 87	For flat connection with bars
1	0 288 88	0 288 89	For vertical connection with bars
1	0 288 90	0 288 91	For horizontal connection with bars
			Insulation shields
1	6 696 00	6 696 01	**For fixed version** For DMX-SP 2500
1	6 696 02	6 696 03	**For draw-out version** For DMX-SP 2500
			Equipment for transfer switches The mechanical interlock is set up using cables and can interlock devices, which may be different type in a vertical or horizontal configuration The interlock unit is mounted on the right-hand side of the device Cable interlock to be ordered separately (cable lenght to be specified according to every configuration - see below)
1	0 281 90		Interlock for two DMX-SP 2500 or DMX³ 1600
			Cable interlock For DMX-SP 2500 / 4000 and DMX³ frame 1600 to 6300
			Length
1	0 289 17		1000 mm
1	0 289 18		1500 mm
1	0 289 20		2600 mm
1	0 289 21		3000 mm
1	0 289 22		3600 mm
1	0 289 23		4000 mm
1	0 289 24		4600 mm
1	0 289 25		5600 mm

DMX-SP 2500 / DMX-SP-I 2500 old range

selection table

DMX-SP 2500		ACBs TO BE EQUIPPED WITH MP2 OR MP4 PROTECTION UNITS			
Breaking capacity Icu (kA)	In (A)	Fixed version		Draw-out version	
		3P	4P	3P	4P
42 kA	630	6 695 00	6 695 06	6 695 12	6 695 18
	800	6 695 01	6 695 07	6 695 13	6 695 19
	1000	6 695 02	6 695 08	6 695 14	6 695 20
	1250	6 695 03	6 695 09	6 695 15	6 695 21
	1600	6 695 04	6 695 10	6 695 16	6 695 22
	2000	6 695 05	6 695 11	6 695 17	6 695 23
	2500	6 695 72	6 695 73	6 695 74	6 695 75
50 kA	630	6 695 24	6 695 30	6 695 36	6 695 42
	800	6 695 25	6 695 31	6 695 37	6 695 43
	1000	6 695 26	6 695 32	6 695 38	6 695 44
	1250	6 695 27	6 695 33	6 695 39	6 695 45
	1600	6 695 28	6 695 34	6 695 40	6 695 46
	2000	6 695 29	6 695 35	6 695 41	6 695 47
	2500	6 695 76	6 695 77	6 695 78	6 695 79
Draw-out base		-	-	6 696 10	6 696 11
MP2 protection units	LSI	0 281 67			
	LSIg	0 281 68			
MP4 protection units	LI	0 281 64			
	LSI	0 281 65			
	LSIg	0 281 66			
Communication option for MP4 protection units					0 281 70
External auxiliary power supply (input 230 V~)					0 281 72
Programmable output option for MP4 protection units					0 281 99
External neutral for DMX-SP 2500					6 696 05

DMX-SP-I 2500	TRIPP FREE SWITCHES			
In (A)	Fixed version		Draw-out version	
	3P	4P	3P	4P
630	6 695 48	6 695 54	6 695 60	6 695 66
800	6 695 49	6 695 55	6 695 61	6 695 67
1000	6 695 50	6 695 56	6 695 62	6 695 68
1250	6 695 51	6 695 57	6 695 63	6 695 69
1600	6 695 52	6 695 58	6 695 64	6 695 70
2000	6 695 53	6 695 59	6 695 65	6 695 71
2500	6 695 80	6 695 81	6 695 82	6 695 83
Draw-out base	-	-	6 696 10	6 696 11

Red catalogue numbers: New products

Air circuit breakers DMX-SP 4000

from 3200 A to 4000 A

6 702 71 + 0 283 06

Dimensions **p. 210-211**
Technical characteristics **p. 205**

Automatic air circuit breakers must be equipped with DMX-SP 4000 electronic protection units Cat.Nos 0 238 04/05/06/07, imperatively ordered together for factory assembly
Please ask for DMX-SP order form
Conform to IEC 60947-2

Pack	Cat.Nos		
			Fixed version
	JANUARY 2024		Supplied with - 1 auxiliary contact: NO/NC - door sealing
	Frame 4000		**Breaking capacity Icu 50 kA (415 V~)**
	3P	4P	In (A)
1	6 702 60	6 702 62	3200
1	6 702 61	6 702 63	4000
			Breaking capacity Icu 65 kA (415 V~)
1	6 702 65	6 702 67	3200
1	6 702 66	6 702 68	4000
			Draw-out version
	JANUARY 2024		Supplied with: - 1 auxiliary contact: NO/NC - door sealing To be installed on a draw-out base Cat.No 6 696 12 or 6 696 13
	Frame 4000		**Breaking capacity Icu 50 kA (415 V~)**
	3P	4P	In (A)
1	6 702 70	6 702 72	3200
1	6 702 71	6 702 73	4000
			Breaking capacity Icu 65 kA (415 V~)
1	6 702 75	6 702 77	3200
1	6 702 76	6 702 78	4000
			Draw-out base
	3P	4P	
1	6 696 12	6 696 13	For DMX-SP/DMX-SP-I 4000

Old range DMX-SP 4000
p. 207

DMX-SP 4000 electronic protection units

0 283 04

0 283 06

4 149 45

4 149 40

DMX-SP circuit breakers must be equipped with electronic protection units (to be ordered together for factory assembly) enabling very precise adjustments of the protection conditions, while maintaining total discrimination with downstream devices
Conform to IEC 60947-2

Pack	Cat.Nos		
			MP2.10 protection units with LED matrix screen
	JANUARY 2024		Integrated LED matrix screen to show electrical values and settings Adjustment via rotating encoder Adjustment of Ir, tr, isd, tsd, Ii, Ig and tg Possibility to enable/disable protections
1	0 283 04		Without mesure
1	0 283 05[1]		With mesure Measure and display instantaneous, maximum and average values of different electrical values and protection conditions Faul signaling and log
			MP4.10 protection units with LCD screen
	JANUARY 2024		Integrated LCD screen for displaying electrical values, settings and log Equipped with batteries for powering in case of main fault or when the breaker is open or not connected. Adjustment via rotating encoder Adjustment of Ir, tr, isd, tsd, Ii, Ig and tg Possibility to enable/disable protections
1	0 283 06		Without mesure
1	0 283 07[1]		With mesure Measure and display instantaneous, maximum and average values of different electrical values and protection conditions Faul signaling and log
			Power supply module
1	4 149 45		500 mA 12V ⎓ stablized power supply module for CX³ energy management system Number of modules: 1
			Communication interface
1	4 149 40		RS485 / CX³ energy management system conversion Consumption: 0.344 W - 28.7 m~ (12 V⎓) Number of modules: 1
	JANUARY 2024		**External neutral**
1	0 281 98[3]		For DMX-SP 4000
	JANUARY 2024		**Bluetooth communication key**
1	0 283 10[2]		USB key for Bluetooth communication with DMX³ protection units. Needed to remotely configure, monitor and manage the DMX³ protection units through EnerUp + Project App USB connection port on front of protection unit

1: For the correct working of metering function it's necessary to connect a CX³ EMS power supply module Cat.No 4 149 45

2: EnerUp + Project App for smartphone and tablet available on Apple Store and Google Play. Configuration, monitoring and management software (PCS) available for download via e-catalogue (does not require the use of Bluetooth communication key Cat.No 0 283 10)

3: Optional accessories, to be ordered when ordering electronic protection unit and DMX-SP air circuit breakers for factory assembly

Trip free switches DMX-SP-I 4000

from 3200 A to 4000 A

6 695 95

Dimensions **p. 210-211**

Conform to IEC 60947-3

Pack	Cat.Nos		
	Fixed version		
	JANUARY 2024		Supplied with: - 1 auxiliary contact: NO/NC - door sealing
	Frame 4000		
	3P	4P	In (A)
1	6 696 80	6 696 82	3200
1	6 696 81	6 696 83	4000
	Draw-out version		
	JANUARY 2024		Supplied with: - 1 auxiliary contact: NO/NC - door sealing To be installed on a draw-out base Cat.No 6 696 12 or 6 696 13 (p. 204)
	Frame 4000		
	3P	4P	In (A)
1	6 696 84	6 696 86	3200
1	6 696 85	6 696 87	4000

Old range DMX-SP-I 4000
p. 207

Auxiliaries and accessories for DMX-SP 4000 **p. 207**

DMX-SP 4000 and DMX-SP-I 4000

from 3200 A to 4000 A

Technical characteristics

Device		DMX-SP 4000		DMX-SP-I 4000
Frame		4000		4000
Rated current In (A)		3200 4000		3200 4000
Rated insulation voltage (50/60Hz) Ui (V)		1000		1000
Rated operational voltage (50/60Hz) Ue (V)		690		690
Rated impulse withstand voltage Uimp (kV)		12		12
Category of use		B		AC23A
Suitable for isolation		Yes		Yes
Breaking capacity at 415 V~ (kA)		50	65	-
Rated ultimate short-circuit breaking capacity Icu (kA) IEC 60947-2	220 / 240 V~	50	65	-
	380 / 415 V~	50	65	-
	440 / 460 V~	50	65	-
	480 / 500 V~	50	65	-
	600 V~	42	50	-
	690 V~	42	50	-
Rated service short-circuit breaking capacity Ics (%Icu)		100		-
Rated short-circuit making capacity Icm (kA) IEC 60947-2	220 / 240 V~	105	143	143
	380 / 415 V~	105	143	143
	440 / 460 V~	105	143	143
	480 / 500 V~	105	143	143
	600 V~	88	105	105
	690 V~	88	105	105
Rated short time withstand current Icw (kA) for t = 1 s IEC 60947-2	220 / 240 V~	50	65	65
	380 / 415 V~	50	65	65
	440 / 460 V~	50	65	65
	480 / 500 V~	50	65	65
	600 V~	42	50	50
	690 V~	42	50	50
Rated Short time withstand current Icw (kA) for t = 3 s IEC 60947-2	220 / 240 V~	36	40	40
	380 / 415 V~	36	40	40
	440 / 460 V~	36	40	40
	480 / 500 V~	36	40	40
	600 V~	36	40	40
	690 V~	36	40	40
Endurance (cycles)	mechanical without maintenance	5000		5000
	mechanical with maintenance	10000		10000
	electrical without maintenance	3000		3000
Temperature	operation	-25°C to +70°C		-25°C to +70°C
	storage	-25°C to +85°C		-25°C to +85°C

Temperature derating

Fixed / draw-out version

DMX SP DMX-SP-I 4000	Temperature									
	up to 40°C		50°C		60°C		65°C		70°C	
	Imax (A)	Ir / In	Imax (A)	Ir / In	Imax (A)	Ir / In	Imax (A)	Ir / In	Imax (A)	Ir / In
Fixed version	3200	1	3200	1	3104	0.97	2944	0.92	2880	0.90
	4000	1	3600	0.90	3400	0.85	3200	0.80	3000	0.75
Draw-out version	3200	1	3200	1	3104	0.97	2880	0.90	2720	0.85
	4000	1	3600	0.90	3320	0.83	3080	0.77	2800	0.70

Auxiliaries and accessories for DMX-SP 4000

0 288 51

0 288 58

0 288 37

0 288 44

0 288 15

4 238 80

4 238 83

Pack	Cat.Nos	Control and signalling auxiliaries
		Shunt trip
		When energised the circuit breaker will be tripped
		For DMX-SP 4000 and DMX³ frame 2500 to 6300
1	0 288 48	24 V~/⎓
1	0 288 49	48 V~/⎓
1	0 288 50	110 - 130 V~/⎓
1	0 288 51	220 - 250 V~/⎓
1	0 288 52	415 - 480 V~
		Undervoltage releases
		When the coil is de-energised, the circuit breaker will be tripped
		For DMX-SP 4000 and DMX³ frame 2500 to 6300
1	0 288 55	24 V~/⎓
1	0 288 56	48 V~/⎓
1	0 288 57	110 - 130 V~/⎓
1	0 288 58	220 - 250 V~/⎓
1	0 288 59	415 - 480 V~
		Module for delayed tripping
		To be used with above undervoltage releases
		For DMX-SP 2500 and 4000 and DMX³ frame 1600 to 6300
1	0 288 62	110 V~/⎓
1	0 288 63	230 V~/⎓
		Motor operators
		To motorize a DMX-SP, it is possible to connect, to the motor operators, a release coil (undervoltage or trip on energising) and a closing coil
		For DMX-SP 4000 and DMX³ frame 2500 to 6300
1	0 288 34	24 V~/⎓
1	0 288 35	48 V~/⎓
1	0 288 36	110 - 130 V~/⎓
1	0 288 37	220 - 250 V~/⎓
1	0 288 38	415 - 440 V~
1	0 288 40	480 V~/⎓
		Closing coils
		Enables remote closing of the circuit breaker if the closing spring is charged
		For DMX-SP 4000 and DMX³ frame 2500 to 6300
1	0 288 41	24 V~/⎓
1	0 288 42	48 V~/⎓
1	0 288 43	110 - 130 V~/⎓
1	0 288 44	220 - 250 V~/⎓
1	0 288 45	415 - 480 V~
		Signalling contact for auxiliaries
1	0 288 16	Signalling contact for shunt trips, undervoltage releases and closing coils
		For DMX-SP 4000 and DMX³ frame 2500 to 6300
		Signalling contact for draw-out version
		Inserted / test / draw-out signalling contact
		For DMX-SP 4000 and DMX³ frame 2500 to 6300
1	0 288 13	3 changeover contacts per position

Pack	Cat.Nos	Locking
		For DMX-SP 4000 and DMX³ frame 2500 to 6300
		Universal key locks
		To be used in combination with key locking support Cat.Nos 0 281 94/0 288 28
1	4 238 80	Key barrel and flat key with random mapping
1	4 238 81	Key barrel and flat key with fixed mapping EL43525
1	4 238 82	Key barrel and flat key with fixed mapping EL43363
1	4 238 83	Key barrel and star key with random mapping
		Key locking support in "open" position
1	0 288 28	For locking a DMX-SP 4000 and a DMX³ in "open" position
		To be equipped with universal keylocks Cat.Nos 4 238 80/81/82/83
		Key locking support in draw-out position
1	0 281 94	For locking a DMX-SP and a DMX³ in draw-out position
		To be equipped with universal keylocks Cat.Nos 4 238 80/81/82/83
		Door locking
		Prevents opening of the door with the circuit breaker closed
1	0 288 20	Left-hand and right-hand side mounting
		Padlocks in "open" position
1	0 288 21	Padlocking system for ACB (padlock not supplied)
1	0 288 26	Padlocking system for shutters (padlock not supplied)

		Accessories
		For DMX-SP 4000 and DMX³ frame 2500 to 6300
1	0 288 25	Rating mis-insertion device
		Prevents the insertion of a draw-out circuit breaker in an incompatible base
1	0 288 23	Operations counter
		Counts total number of operation cycles of the device
1	0 288 14	Contact "ready to close" with charged springs
1	0 288 15	Additional signalling contact
1	0 288 79	Lifting plate
		For DMX-SP 4000
1	6 696 16	Trip contact
		To be ordered together with the DMX-SP 4000 for factory assembly

Red catalogue numbers: New products

Rear terminals for DMX-SP 4000 and equipment for transfer switches

0 288 94

0 288 65

0 289 20

Dimensions **p. 210-211**

Pack	Cat.Nos	
	3P	4P
1	6 696 14	6 696 15

For DMX-SP frame 4000 fixed version
For flat connection with bars
To be fixed onto horizontal rear terminals of the circuit breaker

Pack	Cat.Nos	
1	0 288 94	0 288 95

For DMX-SP frame 4000 and DMX³ frame 4000 and 6300 fixed or draw-out version
On DMX-SP fixed version:
- For vertical connection with bars
- To be fixed onto Cat.Nos 6 696 14/15 according to the number of poles

On DMX-SP draw-out version:
- For vertical or horizontal connection with bars
- To be fixed directly onto plate rear terminals of the circuit breaker

Rear terminals

Insulation shields

	3P	4P
1	0 288 98	0 288 99

For fixed version
For DMX-SP frame 4000 and DMX³ frame 2500 to 6300

1	0 288 18	0 288 19

For draw-out version
For DMX-SP frame 4000 and DMX³ frame 2500 to 6300

Equipment for transfer switches

Pack	Cat.Nos	
1	0 288 65	Interlock for DMX-SP frame 4000

The mechanical interlock is set up using cables and can interlock 2 or 3 devices, which may be different type in a vertical or horizontal configuration
The interlock unit is mounted on the right-hand side of the device
Cable interlock to be ordered separately (cable lenght to be specified according to every configuration - see below)

Cable interlock

For DMX-SP 2500 / 4000 and DMX³ frame 1600 to 6300

Pack	Cat.Nos	Length
1	0 289 17	1000 mm
1	0 289 18	1500 mm
1	0 289 20	2600 mm
1	0 289 21	3000 mm
1	0 289 22	3600 mm
1	0 289 23	4000 mm
1	0 289 24	4600 mm
1	0 289 25	5600 mm

DMX-SP 4000 / DMX-SP-I 4000 old range

selection table

DMX-SP 4000		ACBs TO BE EQUIPPED WITH MP2 OR MP4 PROTECTION UNITS			
Breaking capacity Icu (kA)	In (A)	Fixed version		Draw-out version	
		3P	4P	3P	4P
50 kA	3200	6 696 30	6 696 32	6 696 40	6 696 42
	4000	6 696 31	6 696 33	6 696 41	6 696 43
65 kA	3200	6 696 34	6 696 36	6 696 44	6 696 46
	4000	6 696 35	6 696 37	6 696 45	6 696 47
Draw-out base		-	-	6 696 12	6 696 13
MP2 protection units	LI	6 682 90			
	LSI	6 682 91			
	LSIg	6 682 92			
MP4 protection units	LI	0 288 00			
	LSI	0 288 01			
	LSIg	0 288 02			
Communication option for MP4 protection units					0 288 05
External auxiliary power supply (input 24 V ∿/⎓)					0 288 06
Programmable output option for MP4 protection units					0 288 12
External neutral					0 288 11

DMX-SP-I 4000	TRIP FREE SWITCHES			
In (A)	Fixed version		Draw-out version	
	3P	4P	3P	4P
3200	6 695 90	6 695 92	6 695 94	6 695 96
4000	6 695 91	6 695 93	6 695 95	6 695 97
Draw-out base	-	-	6 696 12	6 696 13

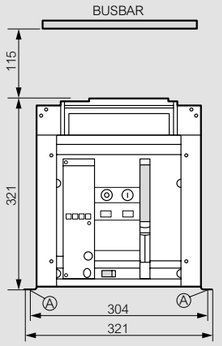
DMX-SP 2500

dimensions

Fixed version

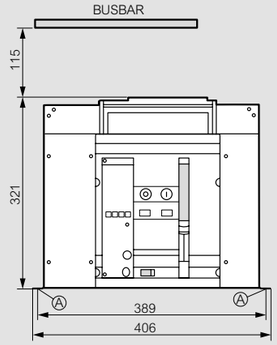
Overall dimensions

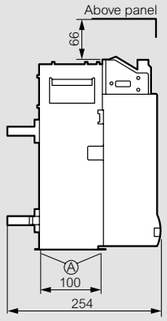
3P version



A = fixing point on plate of enclosure

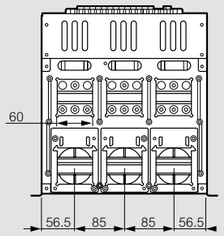
4P version



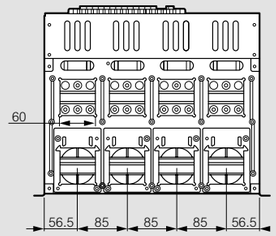


Rear terminals for horizontal connection with bars

3P version

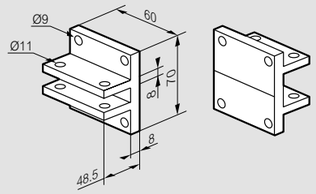


4P version



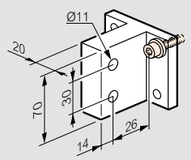
Rear terminals for flat connection with bars

Cat.Nos 0 288 84/85



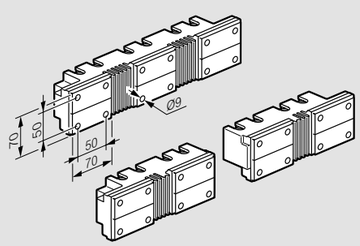
Rear terminals for vertical connection with bars

Cat.Nos 0 288 82/83



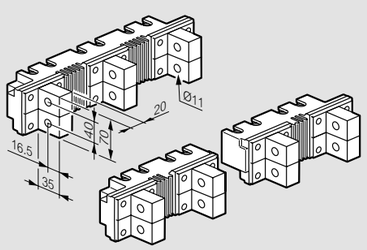
Spreaders for flat connection with bars

Cat.Nos 0 288 86/87



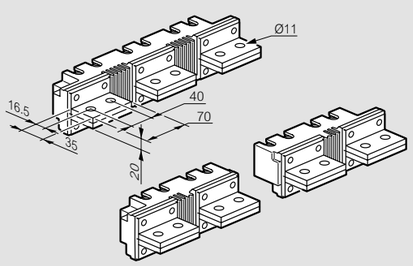
Spreaders for vertical connection with bars

Cat.Nos 0 288 88/89



Spreaders for horizontal connection with bars

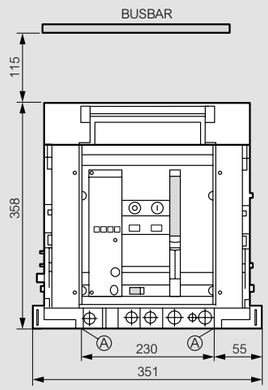
Cat.Nos 0 288 90/91



Draw-out version

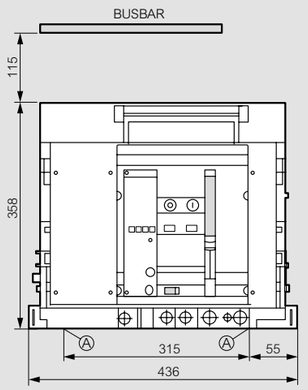
Overall dimensions

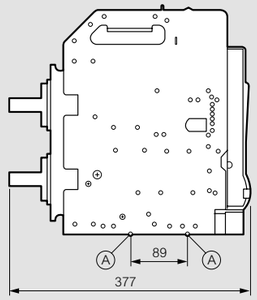
3P version



A = fixing point on plate of enclosure

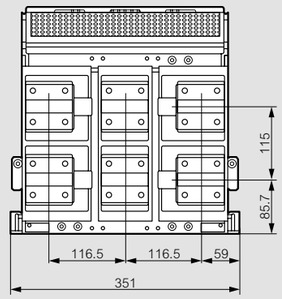
4P version



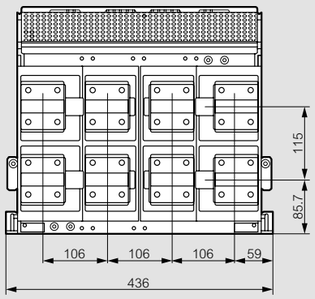


Rear terminals for horizontal connection with bars

3P version

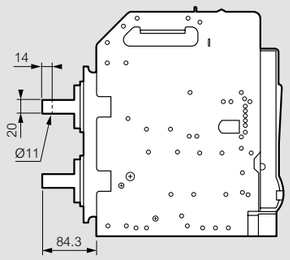


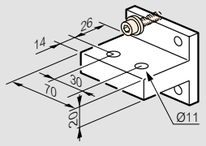
4P version



Reversible rear terminals

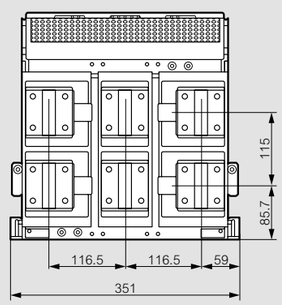
Cat.Nos 0 288 96/97



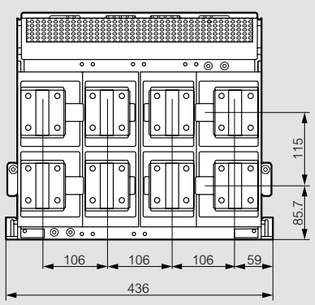


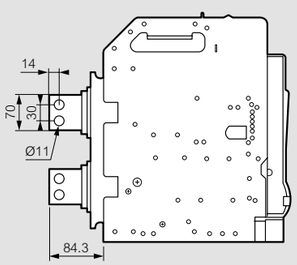
Rear terminals for vertical connection with bars

3P version



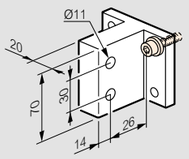
4P version





Reversible rear terminals

Cat.Nos 0 288 96/97



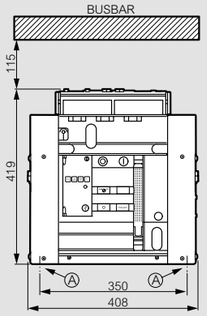
DMX-SP 4000

dimensions

Fixed version - frame 4000

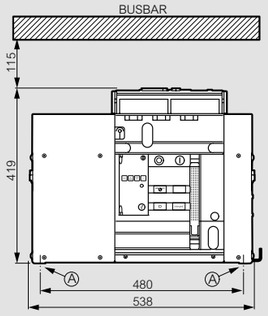
Overall dimensions

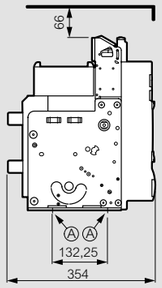
3P version



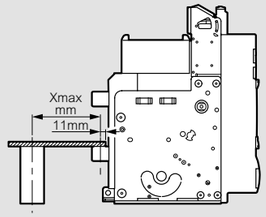
A = fixing point on plate of enclosure

4P version

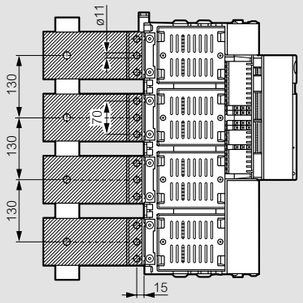




Connection principle

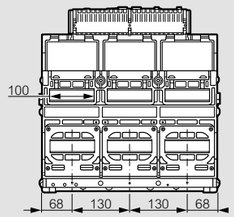


Icc (kA)	≤ 50	≤ 65
Xmax (mm)	300	250

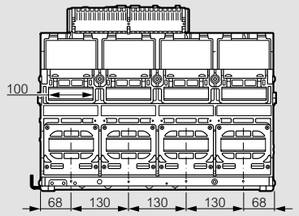


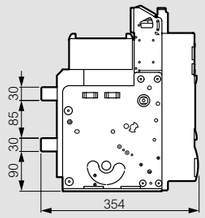
Rear terminals for horizontal connection with bars

3P version



4P version

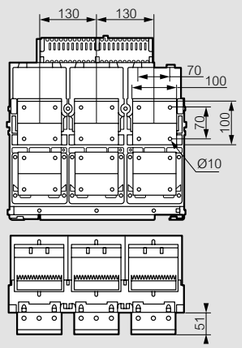




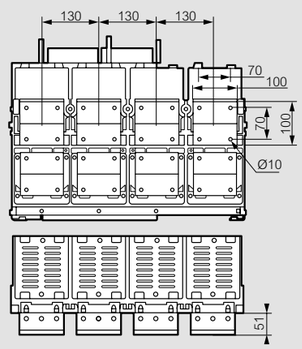
Rear terminals for flat connection with bars

Cat.Nos 6 696 14/15

3P version

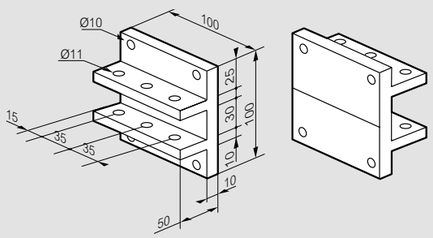


4P version



Rear terminals

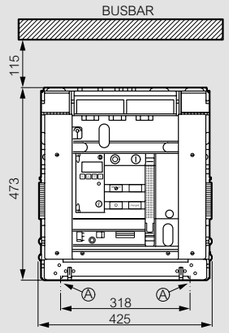
Cat.Nos 6 696 14/15



legrand

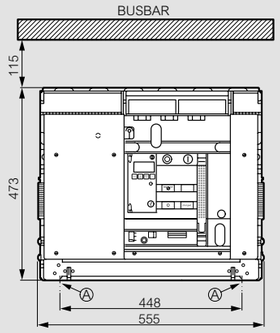
Draw-out version - frame 4000

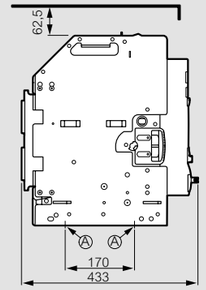
3P version



A = fixing point on plate of enclosure

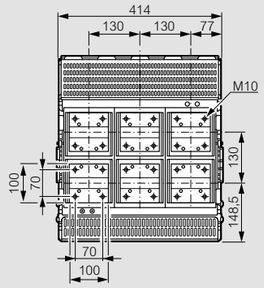
4P version



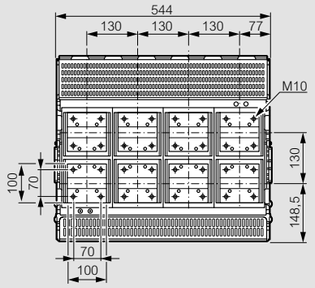


Rear terminals for flat connection with bars

3P version



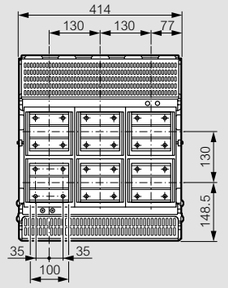
4P version



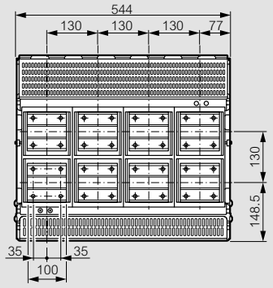
Rear terminals for horizontal connection with bars

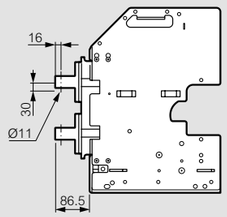
Cat.Nos 0 288 94/95

3P version



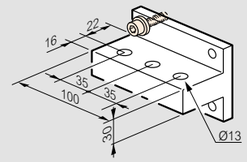
4P version





Reversible rear terminals

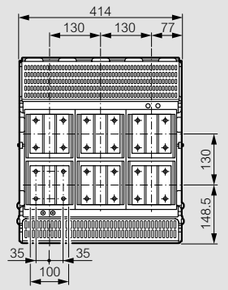
Cat.Nos 0 288 94/95



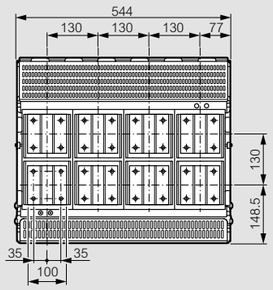
Rear terminals for vertical connection with bars

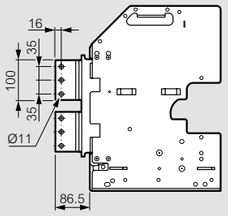
Cat.Nos 0 288 94/95

3P version



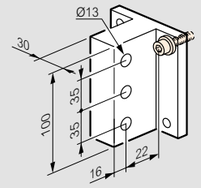
4P version





Reversible rear terminals

Cat.Nos 0 288 94/95



Air circuit breakers DMX³ 1600

from 630 A to 1600 A

0 283 34 + 0 283 00 (factory assembly)

Dimensions **p. 226-227**
Electrical characteristics **p. 225**

Automatic air circuit breakers must be equipped with DMX³ 1600 electronic protection units Cat.Nos 0 283 00/01/02/03, imperatively ordered together for factory assembly
Please ask for DMX³ order form
Conform to IEC 60947-2

Fixed version

Supplied with
- 1 auxiliary contact: NO/NC
- door sealing

JANUARY 2024

Frame 1600

Pack	Cat.Nos 3P	Cat.Nos 4P	In (A)
	Breaking capacity Icu 42 kA (415 V~)		
1	0 283 20	0 283 25	630
1	0 283 21	0 283 26	800
1	0 283 22	0 283 27	1000
1	0 283 23	0 283 28	1250
1	0 283 24	0 283 29	1600
	Breaking capacity Icu 50 kA (415 V~)		
1	0 283 30	0 283 35	630
1	0 283 31	0 283 36	800
1	0 283 32	0 283 37	1000
1	0 283 33	0 283 38	1250
1	0 283 34	0 283 39	1600

Draw-out version

Supplied with:
- 1 auxiliary contact: NO/NC
- door sealing

To be installed on a draw-out base Cat.No 0 281 53 or 0 281 54

JANUARY 2024

Frame 1600

Pack	Cat.Nos 3P	Cat.Nos 4P	In (A)
	Breaking capacity Icu 42 kA (415 V~)		
1	0 283 40	0 283 45	630
1	0 283 41	0 283 46	800
1	0 283 42	0 283 47	1000
1	0 283 43	0 283 48	1250
1	0 283 44	0 283 49	1600
	Breaking capacity Icu 50 kA (415 V~)		
1	0 283 50	0 283 55	630
1	0 283 51	0 283 56	800
1	0 283 52	0 283 57	1000
1	0 283 53	0 283 58	1250
1	0 283 54	0 283 59	1600

Draw-out base

3P	4P
0 281 53	0 281 54

For DMX³ and DMX³-I 1600 Cat.No 0 283 40 to 0 283 59 and 0 284 90 to 0 284 99 (p. 213)

Old range DMX³ 1600 **p. 213**

Auxiliaries and accessories for DMX³ 1600 **p. 214**

DMX³ 1600 electronic protection units

0 283 00

0 283 02

4 149 45

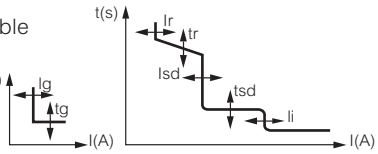
4 149 40

DMX³ circuit breakers must be equipped with electronic protection units (to be ordered together for factory assembly) enabling very precise adjustments of the protection conditions, while maintaining total discrimination with downstream devices
Conform to IEC 60947-2

Pack	Cat.Nos

MP2.10 protection units with LED matrix screen

Integrated LED matrix screen to show electrical values and settings
Adjustment via rotating encoder
Adjustment of Ir, tr, isd, tsd, Ii, Ig and tg
Possibility to enable/disable protections
Without mesure
With mesure
Measure and display instantaneous, maximum and average values of different electrical values and protection conditions
Fault signaling and log

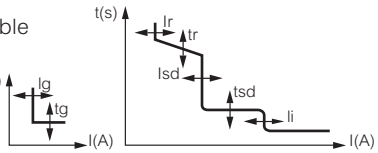


JANUARY 2024

Pack	Cat.Nos
1	0 283 00
1	0 283 01[1]

MP4.10 protection units with LCD screen

Integrated LCD screen for displaying electrical values, settings and log
Equipped with batteries for powering in case of mains fault or when the breaker is open or not connected
Adjustment via rotating encoder
Adjustment of Ir, tr, isd, tsd, Ii, Ig and tg
Possibility to enable/disable protections
Without mesure
With mesure
Measure and display instantaneous, maximum and average values of different electrical values and protection conditions
Fault signaling and log



JANUARY 2024

Pack	Cat.Nos
1	0 283 02
1	0 283 03[1]

Bluetooth communication key

USB key for Bluetooth communication with DMX³ protection units. Needed to remotely configure, monitor and manage the DMX³ protection units through EnerUp + Project App
USB connection port on front of protection unit

JANUARY 2024

Pack	Cat.Nos
1	0 283 10[2]

Power supply module

500 mA 12 V⎓ stablized power supply module for CX³ energy management system

Pack	Cat.Nos	Number of modules
1	4 149 45	1

Communication interface

RS485 / CX³ energy management system conversion
Consumption: 0.344 W - 28.7 mA (12 V=)

Pack	Cat.Nos	Number of modules
1	4 149 40	1

External neutral

JANUARY 2024

Pack	Cat.Nos
1	0 281 25[3]

For DMX³ 1600

1; For the correct working of metering function it's necessary to connect a CX³ EMS power supply module Cat. No 4 149 45
2: EnerUp + Project App for smartphone and tablet available on Apple Store and Google Play. Configuration, monitoring and management software (PCS) available for download via e-catalogue (does not require the use of Bluetooth communication key Cat.No 0 283 10)
3: Optional accessories, to be ordered when ordering electronic protection unit and DMX³ air circuit breakers for factory assembly

Red catalogue numbers: New products

Trip free switches DMX³-I 1600

from 630 A to 1600 A

0 282 64

Dimensions **p. 226-227**

Conform to IEC 60947-3

Fixed version

Supplied with:
- 1 auxiliary contact: NO/NC
- door sealing

JANUARY 2024

Frame 1600

Pack	Cat.Nos 3P	Cat.Nos 4P	In (A)
1	0 282 60	0 282 65	630
1	0 282 61	0 282 66	800
1	0 282 62	0 282 67	1000
1	0 282 63	0 282 68	1250
1	0 282 64	0 282 69	1600

Draw-out version

Supplied with:
- 1 auxiliary contact: NO/NC
- door sealing

To be installed on a draw-out base Cat.No 0 281 53 or 0 281 54 (p. 212)

JANUARY 2024

Frame 1600

Pack	Cat.Nos 3P	Cat.Nos 4P	In (A)
1	0 284 90	0 284 95	630
1	0 284 91	0 284 96	800
1	0 284 92	0 284 97	1000
1	0 284 93	0 284 98	1250
1	0 284 94	0 284 99	1600

DMX³ 1600 / DMX³-I 1600 old range

selection table

DMX³ 1600		ACBs TO BE EQUIPPED WITH MP4 PROTECTION UNITS			
Breaking capacity Icu (kA)	In (A)	Fixed version		Draw-out version	
		3P	4P	3P	4P
42 kA	630	0 280 00	0 280 06	0 280 71	0 280 76
	800	0 280 01	0 280 07	0 280 72	0 280 77
	1000	0 280 02	0 280 08	0 280 73	0 280 78
	1250	0 280 03	0 280 09	0 280 74	0 280 79
	1600	0 280 04	0 280 10	0 280 75	0 280 80
50 kA	630	0 280 24	0 280 30	0 280 81	0 280 86
	800	0 280 25	0 280 31	0 280 82	0 280 87
	1000	0 280 26	0 280 32	0 280 83	0 280 88
	1250	0 280 27	0 280 33	0 280 84	0 280 89
	1600	0 280 28	0 280 34	0 280 85	0 280 90
Draw-out base		-	-	0 281 53	0 281 54
MP4 protection units	LI	0 281 64			
	LSI	0 281 65			
	LSIg	0 281 66			
Communication option for MP4 protection units					0 281 70
External auxiliary power supply (input 230 V∿)					0 281 72
Programmable output option for MP4 protection units					0 281 99
External neutral for DMX³ 1600					0 281 71

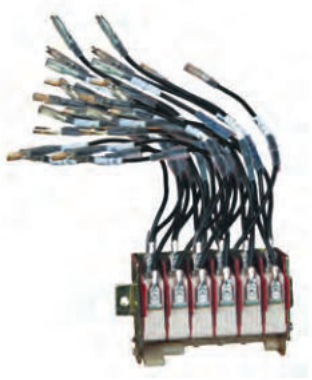
DMX³-I 1600	TRIP FREE SWITCHES			
In (A)	Fixed version		Draw-out version	
	3P	4P	3P	4P
1000	0 280 50	0 280 56	0 280 47	0 280 65
1250	0 280 51	0 280 57	0 280 53	0 280 91
1600	0 280 52	0 280 58	0 280 59	0 280 92
Draw-out base	-	-	0 281 53	0 281 54

Red catalogue numbers: New products

Auxiliaries, accessories and fixing devices for DMX³ 1600

0 281 26

0 281 23


0 281 75

4 238 80

4 238 83

0 281 57

0 280 35

0 281 60

Pack	Cat.Nos	Control and signalling auxiliaries
		Shunt trip
		When energised the circuit breaker will be tripped
1	0 281 31	24 V~/⎓
1	0 281 32	48 V~/⎓
1	0 281 33	110 - 130 V~/⎓
1	0 281 34	220 - 250 V~/⎓
1	0 281 35	415 - 440 V~
		Undervoltage releases
		When the coil is de-energised, the circuit breaker will be tripped
1	0 281 36	24 V~/⎓
1	0 281 37	48 V~/⎓
1	0 281 38	110 - 130 V~/⎓
1	0 281 39	220 - 250 V~/⎓
1	0 281 40	415 - 440 V~
		Module for delayed tripping
		To be used with above undervoltage releases
1	0 288 62	110 V~/⎓
1	0 288 63	230 V~/⎓
		Motor operators
		To motorize a DMX³, it is possible to attach, to the motor operators, a release coil (undervoltage or trip on energising) and a closing coil
1	0 281 20	24 V~/⎓
1	0 281 21	48 V~/⎓
1	0 281 22	110 - 130 V~/⎓
1	0 281 23	220 - 250 V~/⎓
1	0 281 24	415 - 440 V~
		Closing coils
		Enables remote closing of the circuit breaker if the closing spring is charged
1	0 281 26	24 V~/⎓
1	0 281 27	48 V~/⎓
1	0 281 28	110 - 130 V~/⎓
1	0 281 29	220 - 250 V~/⎓
1	0 281 30	415 - 440 V~
		Signalling contact for draw-out version
1	0 281 73	Inserted / test / draw-out signalling contact 1 changeover contact per position (up to 2 contacts with double accessory if the safety button for test position Cat.No 0 281 87 is not mounted)

		Locking
		Universal key locks
		To be used in combination with key locking support Cat.No 0 281 91
1	4 238 80	Key barrel and flat key with random mapping
1	4 238 81	Key barrel and flat key with fixed mapping EL43525
1	4 238 82	Key barrel and flat key with fixed mapping EL43363
1	4 238 83	Key barrel and star key with random mapping

Pack	Cat.Nos	Locking (continued)
		Key locking support in "open" or draw-out position
1	0 281 91	For locking a DMX³ 1600 in "open" or draw-out position. To be equipped with universal keylocks Cat.Nos 4 238 80/81/82/83
		Door locking
		Prevents opening of the door with the circuit breaker closed
1	0 281 84	Left-hand and right-hand side mounting
		Padlock
1	0 281 77	Padlock for buttons

		Accessories
1	0 281 88	Mechanical counter Counts total number of operation cycles of the device
1	0 281 74	Contact «ready to close» with charged springs
1	0 281 75	Module with 6 auxiliary contacts
1	0 281 76	Module with 4 auxiliary contacts
1	0 281 87	Inserted / test / draw-out lock button
1	0 281 89	Rating mis-insertion device Prevents the insertion of a draw-out circuit breaker in an incompatible base

	3P	4P	Front terminals
			For frontal connection
1	0 281 55	0 281 56	For DMX³ Frame 1600 fixed version
1	0 281 57	0 281 58	For DMX³ Frame 1600 draw-out version

			Reversible rear terminals
			Can be fixed in horizontal or vertical position
1	0 280 35	0 280 41	For DMX³ Frame 1600 fixed version
1	0 281 47	0 281 48	For DMX³ Frame 1600 draw-out version

	3P	4P	Spreaders for DMX³ Frame 1600 fixed and draw-out versions
			To be fixed onto reversible rear terminals of the circuit breaker Cat.Nos 0 280 35/41 or 0 281 47/48
1	0 281 59	0 281 60	For connection with bars (horizontal use)

	3P	4P	Insulation shields
			For fixed version
1	0 281 49	0 281 50	For DMX³/DMX³-I Frame 1600
			For draw-out version
1	0 281 51	0 281 52	For DMX³/DMX³-I Frame 1600

Red catalogue numbers: New products

Equipment for DMX³ 1600 transfer switches

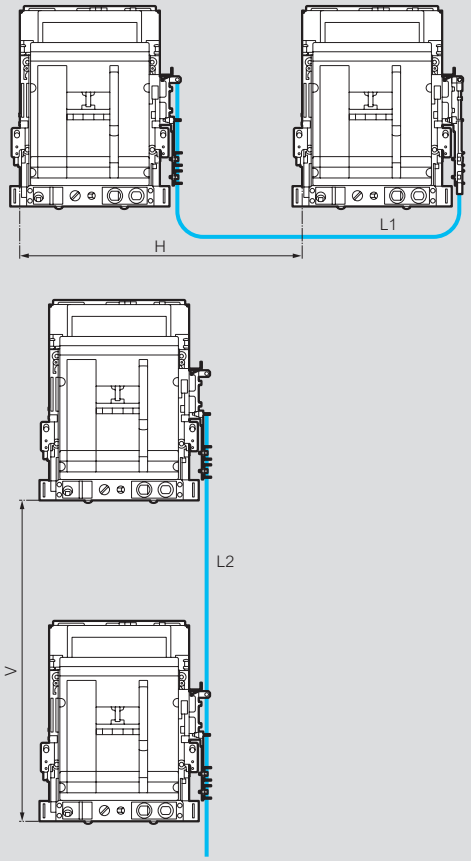
0 289 20

Pack	Cat.Nos	Equipment for transfer switches
		The mechanical interlock is set up using cables and can interlock devices, which may be different type in a vertical or horizontal configuration The interlock unit is mounted on the right-hand side of the device Cable interlock to be ordered separately (cable lenght to be specified according to every configuration - see below)
1	0 281 90	Interlock for DMX³ frame 1600
		Cable interlock
		Length
1	0 289 17	1000 mm
1	0 289 18	1500 mm
1	0 289 20	2600 mm
1	0 289 21	3000 mm
1	0 289 22	3600 mm
1	0 289 23	4000 mm
1	0 289 24	4600 mm
1	0 289 25	5600 mm

Automatic transfer switch control units
p. 222

Equipment for DMX³ 1600 transfer switches - installation principle

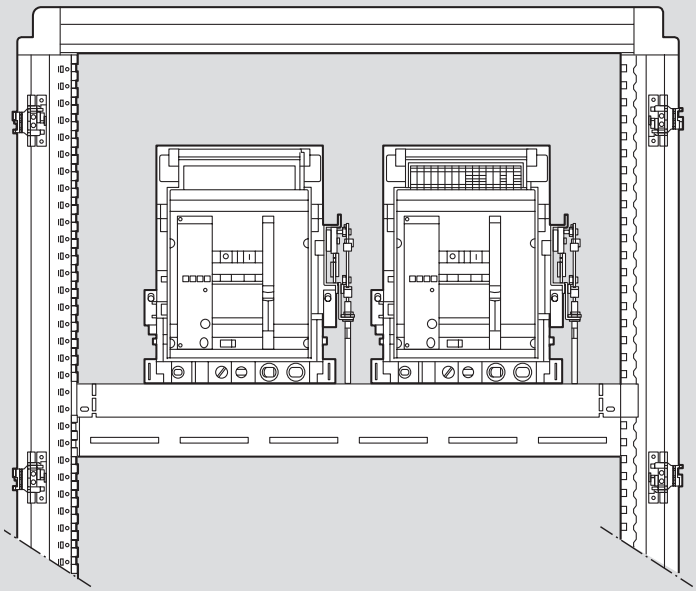
Choice of cable interlock



Calculation of cable length:
L1 = 600 + H
L2 = 950 + V

Installation principle

For XL³ 4000 - 36 modules
2 DMX³ / DMX³-I can be installed side by side on the same fixing plate.



Air circuit breakers DMX³ 2500 and 4000

from 630 A to 4000 A

0 283 96 + 0 283 06

0 284 17 + 0 283 04

0 284 56 + 0 283 04

Dimensions **p. 228 to 231**
Electrical characteristics **p. 233 to 235**

Automatic air circuit breakers must be equipped with electronic protection unit (p. 217), imperatively ordered together for factory assembly
Please ask for DMX³ order form
Conform to IEC 60947-2

Fixed version

Supplied with
- 1 fault signalling contact NO/NC
- 2 auxiliary contacts: NO/NC
- rear terminals for horizontal connection with bars
- door sealing

JANUARY 2024

DMX³ - N 2500
Breaking capacity Icu 50 kA (415 V~)
Frame 2500

Pack	Cat.Nos 3P	Cat.Nos 4P	In(A)
1	0 283 60	0 283 70	630
1	0 283 61	0 283 71	800
1	0 283 62	0 283 72	1000
1	0 283 63	0 283 73	1250
1	0 283 64	0 283 74	1600
1	0 283 65	0 283 75	2000
1	0 283 66	0 283 76	2500

DMX³ - H 2500
Breaking capacity Icu 65 kA (415 V~)

Pack	Cat.Nos 3P	Cat.Nos 4P	In(A)
1	0 283 80	0 283 90	630
1	0 283 81	0 283 91	800
1	0 283 82	0 283 92	1000
1	0 283 83	0 283 93	1250
1	0 283 84	0 283 94	1600
1	0 283 85	0 283 95	2000
1	0 283 86	0 283 96	2500

DMX³ - L 2500
Breaking capacity Icu 100 kA (415 V~)
Frame 4000

Pack	Cat.Nos 3P	Cat.Nos 4P	In(A)
1	0 284 00	0 284 10	630
1	0 284 01	0 284 11	800
1	0 284 02	0 284 12	1000
1	0 284 03	0 284 13	1250
1	0 284 04	0 284 14	1600
1	0 284 05	0 284 15	2000
1	0 284 06	0 284 16	2500

DMX³ - N 4000
Breaking capacity Icu 50 kA (415 V~)

Pack	Cat.Nos 3P	Cat.Nos 4P	In(A)
1	0 283 67	0 283 77	3200
1	0 283 68	0 283 78	4000

DMX³ - H 4000
Breaking capacity Icu 65 kA (415 V~)

Pack	Cat.Nos 3P	Cat.Nos 4P	In(A)
1	0 283 87	0 283 97	3200
1	0 283 88	0 283 98	4000

DMX³ - L 4000
Breaking capacity Icu 100 kA (415 V~)

Pack	Cat.Nos 3P	Cat.Nos 4P	In(A)
1	0 284 07	0 284 17	3200
1	0 284 08	0 284 18	4000

Draw-out version

Supplied with:
- 1 fault signalling contact NO/NC
- 2 auxiliary contacts: NO/NC
- draw-out base and kit
- flat rear terminals for connection with bars
- door sealing

JANUARY 2024

DMX³ - N 2500
Breaking capacity Icu 50 kA (415 V~)
Frame 2500

Pack	Cat.Nos 3P	Cat.Nos 4P	In(A)
1	0 284 20	0 284 30	630
1	0 284 21	0 284 31	800
1	0 284 22	0 284 32	1000
1	0 284 23	0 284 33	1250
1	0 284 24	0 284 34	1600
1	0 284 25	0 284 35	2000
1	0 284 26	0 284 36	2500

DMX³ - H 2500
Breaking capacity Icu 65 kA (415 V~)

Pack	Cat.Nos 3P	Cat.Nos 4P	In(A)
1	0 284 40	0 284 50	630
1	0 284 41	0 284 51	800
1	0 284 42	0 284 52	1000
1	0 284 43	0 284 53	1250
1	0 284 44	0 284 54	1600
1	0 284 45	0 284 55	2000
1	0 284 46	0 284 56	2500

DMX³ - L 2500
Breaking capacity Icu 100 kA (415 V~)
Frame 4000

Pack	Cat.Nos 3P	Cat.Nos 4P	In(A)
1	0 284 60	0 284 70	630
1	0 284 61	0 284 71	800
1	0 284 62	0 284 72	1000
1	0 284 63	0 284 73	1250
1	0 284 64	0 284 74	1600
1	0 284 65	0 284 75	2000
1	0 284 66	0 284 76	2500

DMX³ - N 4000
Breaking capacity Icu 50 kA (415 V~)

Pack	Cat.Nos 3P	Cat.Nos 4P	In(A)
1	0 284 27	0 284 37	3200
1	0 284 28	0 284 38	4000

DMX³ - H 4000
Breaking capacity Icu 65 kA (415 V~)

Pack	Cat.Nos 3P	Cat.Nos 4P	In(A)
1	0 284 47	0 284 57	3200
1	0 284 48	0 284 58	4000

DMX³ - L 4000
Breaking capacity Icu 100 kA (415 V~)

Pack	Cat.Nos 3P	Cat.Nos 4P	In(A)
1	0 284 67	0 284 77	3200
1	0 284 68	0 284 78	4000

Old range DMX³ 2500/4000/6300
p. 224

Retrofit kits from DMX to DMX³
available on request

Red catalogue numbers: New products

Air circuit breakers DMX³ 6300

5000 A and 6300 A

0 284 81 + 0 283 06

Dimensions **p. 232**
Electrical characteristics **p. 233 to 235**

Automatic air circuit breakers must be equipped with electronic protection unit, imperatively ordered together for factory assembly
Please ask for DMX³ order form
Conform to IEC 60947-2

Pack	Cat.Nos		
	Fixed version		
	Supplied with - 2 auxiliary contacts: NO/NC - rear terminals for horizontal connection with bars - door sealing		
	JANUARY 2024 **DMX³ - L 6300** Frame 2500 Breaking capacity Icu 100 kA (415 V~)		
	3P	4P	In(A)
1	0 284 80	0 284 82	5000
1	0 284 81	0 284 83	6300
	Draw-out version		
	Supplied with: - 2 auxiliary contacts: NO/NC - draw-out base and kit - flat rear terminals for connection with bars - door sealing		
	JANUARY 2024 **DMX³ - L 6300** Frame 6300 Breaking capacity Icu 100 kA (415 V~)		
	3P	4P	In(A)
1	0 284 85	0 284 87	5000
1	0 284 86	0 284 88	6300

Electronic protection units for DMX³ 2500, 4000 and 6300

0 283 04

0 283 06

4 149 45

4 149 40

DMX³ circuit breakers must be equipped with electronic protection units (to be ordered together for factory assembly) enabling very precise adjustments of the protection conditions, while maintaining total discrimination with downstream devices

Pack	Cat.Nos	
		MP2.10 protection units with LED matrix screen
		Integrated LED matrix screen to show electrical values and settings Adjustment via rotating encoder Adjustment of Ir, tr, isd, tsd, Ii, Ig and tg Possibility to enable/disable protections
	JANUARY 2024	
1	0 283 04	Without mesure
1	0 283 05[1]	With mesure Measure and display instantaneous, maximum and average values of different electrical values and protection conditions Fault signaling and log
		MP4.10 protection units with LCD screen
		Integrated LCD screen for displaying electrical values, settings and log Equipped with batteries for powering in case of main fault or when the breaker is open or not connected Adjustment via rotating encoder Adjustmen of Ir, tr, isd, tsd, Ii, Ig and tg Possibility to enable/disable protections
	JANUARY 2024	
1	0 283 06	Without mesure
1	0 283 07[1]	With mesure Measure and display instantaneous, maximum and average values of different electrical values and protection conditions Fault signaling and log
		Bluetooth communication key
	JANUARY 2024	
1	0 283 10[2]	USB key for Bluetooth communication with DMX³ protection units. Needed to remotely configure, monitor and manage the DMX³ protection units through EnerUp + Project App USB connection port on front of protectio n unit
		Power supply module — Number of modules: 1
1	4 149 45	500 mA 12V⎓ stablized power supply module for CX³ energy management system
		Communication interface — Number of modules: 1
1	4 149 40	RS485 / CX³ energy management system conversion Consumption: 0.344 W - 28.7 mA (12 V⎓)
		External neutral
	JANUARY 2024	
1	0 281 97[3]	For DMX³ 6300
1	0 281 98[3]	For DMX³ 2500 and DMX³ 4000

1: For the correct working of metering function it's necessary to connect a CX³ EMS power supply module Cat.No 4 149 45
2: EnerUp + Project App for smartphone and tablet available on Apple Store and Google Play. Configuration, monitoring and management software (PCS) available for download via e-catalogue (does not require the use of Bluetooth communication key Cat.No 0 283 10)
3: Optional accessories, to be ordered when ordering electronic protection unit and DMX³ air circuit breakers for factory assembly

Red catalogue numbers: New products

Air circuit breakers DMX³ 4000 - 1000 V~ - from 630 A to 4000 A

Air circuit breakers DMX³ 4000 - 1000 V~

technical characteristics

0 285 57

0 285 87

Dimensions **p. 230-231**
Electrical characteristics **(see opposite)**

Automatic air circuit breakers must be equipped with electronic protection unit (p. 217), imperatively ordered together for factory assembly
Please ask for DMX³ order form
Conform to IEC 60947-2
Suitable for wind turbine, photovoltaic or railway installations

Fixed version

Supplied with
- 2 auxiliary contacts: NO/NC
- rear terminals for horizontal connection with bars
- door sealing

Breaking capacity Icu 50 kA (1000 V~)

JANUARY 2024

Frame 4000

Pack	Cat.Nos 3P	Cat.Nos 4P	In (A)
1	0 285 40	0 285 50	630
1	0 285 41	0 285 51	800
1	0 285 42	0 285 52	1000
1	0 285 43	0 285 53	1250
1	0 285 44	0 285 54	1600
1	0 285 45	0 285 55	2000
1	0 285 46	0 285 56	2500
1	0 285 47	0 285 57	3200
1	0 285 48	0 285 58	4000

Draw-out version

Supplied with
- 2 auxiliary contacts: NO/NC
- draw-out base and kit
- flat rear terminals for connection with bars
- door sealing

Breaking capacity Icu 50 kA (1000 V~)

JANUARY 2024

Frame 4000

Pack	Cat.Nos 3P	Cat.Nos 4P	In (A)
1	0 285 60	0 285 80	630
1	0 285 61	0 285 81	800
1	0 285 62	0 285 82	1000
1	0 285 63	0 285 83	1250
1	0 285 64	0 285 84	1600
1	0 285 65	0 285 85	2000
1	0 285 66	0 285 86	2500
1	0 285 67	0 285 87	3200
1	0 285 68	0 285 88	4000

Old range DMX³ 4000 - 1000 V~
p. 224

SPX³-V vertical fuse carriers
p. 265

SPDs for photovoltaic installations
p. 90

Technical characteristics

DMX³ according to IEC 60947-3		DMX³ 4000 - 1000 V~
Release type		electronic
Number of poles		3P - 4P
Pole pitch (mm)		130
Rated current I_n (A)		630/800/1000/1250/1600/2000/2500/3200/4000
Rated insulation voltage U_i (V)		1250
Rated impulse withstand voltage U_{imp} (kV)		12
Rated operational voltage (50/60Hz) U_e (V)		1150
Frame		4000
Rated ultimate short-circuit breaking capacity I_{cu} (kA)	800 V AC	65
	1000 V AC	50
Rated service short-circuit breaking capacity I_{cs} (% I_{cu})		100%
Rated short-circuit making capacity I_{cm} (kA)	800 V AC	143
	1000 V AC	105
Rated short time withstand current I_{cw} (kA) for t = 1s	800 V AC	65
	1000 V AC	50
Rated short time withstand current I_{cw} (kA) for t = 3s	800 V AC	65
	1000 V AC	50
Category of use		B
Suitable for insulation		Yes

Derating at different altitudes

Air circuit breaker	DMX³ 4000 - 1000 V~			
Altitude (m)	2000	3000	4000	5000
Rated current (at 40°C) I_n (A)	I_n	0.98 x I_n	0.94 x I_n	0.9 x I_n
Rated voltage U_e (V)	1000	880	750	690
Rated insulation voltage U_i (V)	1250	1100	950	850
Dielectric withstand (V)	3500	3200	2500	2000

Red catalogue numbers: New products

Trip free switches DMX³-I

from 1250 A to 6300 A

0 282 53

0 282 93

Dimensions **p. 228 to 232**

Conform to IEC 60947-3

Pack	Cat.Nos		
			Fixed version
	JANUARY 2024		Supplied with: - 2 auxiliary contacts: NO/NC - flat rear terminals for connection with bars - door sealing
	Frame 2500		**DMX³-I 2500**
	3P	4P	In(A)
1	0 282 40	0 282 50	1250
1	0 282 41	0 282 51	1600
1	0 282 42	0 282 52	2000
1	0 282 43	0 282 53	2500
	Frame 4000		**DMX³-I 4000**
	3P	4P	
1	0 282 44	0 282 54	3200
1	0 282 45	0 282 55	4000
	Frame 6300		**DMX³-I 6300**
	3P	4P	
1	0 282 88	0 282 89	6300
			Draw-out version
	JANUARY 2024		Supplied with: - 2 auxiliary contacts: NO/NC - draw-out base and kit - flat rear terminals for connection with bars - door sealing
	Frame 2500		**DMX³-I 2500**
	3P	4P	In(A)
1	0 282 80	0 282 90	1250
1	0 282 81	0 282 91	1600
1	0 282 82	0 282 92	2000
1	0 282 83	0 282 93	2500
	Frame 4000		**DMX³-I 4000**
	3P	4P	
1	0 282 84	0 282 94	3200
1	0 282 85	0 282 95	4000
	Frame 6300		**DMX³-I 6300**
	3P	4P	
1	0 282 98	0 282 99	6300

Trip free switches DMX³-I

from 1250 A to 6300 A

Technical characteristics

Trip free switch DMX³-I		2500	4000	6300
Frame		2500	4000	6300
Rating In (A)		1250 1600 2000 2500	3200 4000	6300
Rated insulation voltage Ui (V)		1000	1000	1000
Rated impulse withstand voltage Uimp (kV)		12	12	12
Rated operational voltage (50/60Hz) Ue (V)		690	690	690
Isolation behaviour		Yes	Yes	Yes
Short-circuit making capacity Icm (kA)	230 V~	143	220	220
	415 V~	143	220	220
	500 V~	143	220	220
	600 V~	132	165	165
	690 V~	121	143	143
Short time withstand current Icw (kA) for t = 1 s	230 V~	65	85	100
	415 V~	65	85	100
	500 V~	65	85	100
	600 V~	60	75	75
	690 V~	55	65	65
Endurance (cycles)	mechanical	10000	10000	5000
	electrical	5000	5000	2500
Temperature	operation	-5°C to +70°C	-5°C to +70°C	-5°C to +70°C
	storage	-25°C to +85°C	-25°C to +85°C	-25°C to +85°C

Temperature derating

Fixed version

	Temperature									
	40°C		50°C		60°C		65°C		70°C	
	Imax (A)	Ir / In	Imax (A)	Ir / In	Imax (A)	Ir / In	Imax (A)	Ir / In	Imax (A)	Ir / In
DMX³-I 2500	1250	1	1250	1	1250	1	1250	1	1250	1
	1600	1	1600	1	1600	1	1600	1	1600	1
	2000	1	2000	1	1960	0.98	1920	0.96	1880	0.94
	2500	1	2500	1	2350	0.94	2250	0.9	2150	0.86
DMX³-I 4000	3200	1	3200	1	3200	1	3136	0.98	3008	0.94
	4000	1	4000	1	3680	0.92	3440	0.86	3120	0.78
DMX³-I 6300	6300	1	6300	1	6048	0.96	5796	0.92	5544	0.88

Draw-out version

	Temperature									
	40°C		50°C		60°C		65°C		70°C	
	Imax (A)	Ir / In	Imax (A)	Ir / In	Imax (A)	Ir / In	Imax (A)	Ir / In	Imax (A)	Ir / In
DMX³-I 2500	1250	1	1250	1	1250	1	1250	1	1250	1
	1600	1	1600	1	1600	1	1600	1	1600	1
	2000	1	2000	1	1960	0.98	1920	0.96	1875	0.94
	2500	1	2400	0.96	2250	0.9	2100	0.84	1950	0.78
DMX³-I 4000	3200	1	3200	1	3200	1	3072	0.96	2880	0.9
	4000	1	3760	0.94	3440	0.86	3200	0.8	2960	0.74
DMX³-I 6300	6300	1	6174	0.98	5985	0.95	5796	0.92	5292	0.84

Red catalogue numbers: New products

Auxiliaries and accessories for DMX³ 2500, 4000 and 6300

0 288 51

0 288 58

0 288 37

0 288 44

0 288 15

4 238 80

4 238 83

Pack	Cat.Nos	Control and signalling auxiliaries
		Shunt trip When energised the circuit breaker will be tripped
1	0 288 48	24 V~/⎓
1	0 288 49	48 V~/⎓
1	0 288 50	110 - 130 V~/⎓
1	0 288 51	220 - 250 V~/⎓
1	0 288 52	415 - 480 V~
		Undervoltage releases When the coil is de-energised, the circuit breaker will be tripped
1	0 288 55	24 V~/⎓
1	0 288 56	48 V~/⎓
1	0 288 57	110 - 130 V~/⎓
1	0 288 58	220 - 250 V~/⎓
1	0 288 59	415 - 480 V~
		Module for delayed tripping To be used with above undervoltage releases
1	0 288 62	110 V~/⎓
1	0 288 63	230 V~/⎓
		Motor operators To motorize a DMX³, it is possible to attach, to the motor operators, a release coil (undervoltage or trip on energising) and a closing coil
1	0 288 34	24 V~/⎓
1	0 288 35	48 V~/⎓
1	0 288 36	110 - 130 V~/⎓
1	0 288 37	220 - 250 V~/⎓
1	0 288 38	415 - 440 V~
1	0 288 40	480 V~/⎓
		Closing coils Enables remote closing of the circuit breaker if the closing spring is charged
1	0 288 41	24 V~/⎓
1	0 288 42	48 V~/⎓
1	0 288 43	110 - 130 V~/⎓
1	0 288 44	220 - 250 V~/⎓
1	0 288 45	415 - 480 V~
		Signalling contact for auxiliaries
1	0 288 16	Signalling contact for shunt trips, undervoltage releases and closing coils
		Signalling contact for draw-out version Inserted / test / draw-out signalling contact
1	0 288 13	3 changeover contacts per position

Pack	Cat.Nos	Locking
		Universal key locks To be used in combination with key locking supports Cat.Nos 0 281 94/0 288 28
1	4 238 80	Key barrel and flat key with random mapping
1	4 238 81	Key barrel and flat key with fixed mapping EL43525
1	4 238 82	Key barrel and flat key with fixed mapping EL43363
1	4 238 83	Key barrel and star key with random mapping
		Key locking support in "open" position
1	0 288 28	For locking a DMX³ in "open" position To be equipped with universal keylocks Cat.Nos 4 238 80/81/82/83
		Key locking support in draw-out position
1	0 281 94	For locking a DMX³ in draw-out position To be equipped with universal keylocks Cat.Nos 4 238 80/81/82/83
		Door locking Prevents opening of the door with the circuit breaker closed
1	0 288 20	Left-hand and right-hand side mounting
		Padlocks in "open" position
1	0 288 21	Padlocking system for ACB (padlock not supplied)
1	0 288 24	Padlock for buttons
1	0 288 26	Padlocking system for shutters (padlock not supplied)

	3P	4P	Equipment for conversion of a fixed device into draw-out device
			Bases for draw-out device
1	0 289 02	0 289 03	For DMX³/DMX³-I frame 2500
1	0 289 04	0 289 05	For DMX³/DMX³-I frame 4000
1	0 289 13	0 289 14	For DMX³/DMX³-I frame 6300
			Transformation kit for draw-out version
1	0 289 09	0 289 10	For DMX³/DMX³-I frame 2500
1	0 289 11	0 289 12	For DMX³/DMX³-I frame 4000
1	0 289 15	0 289 16	For DMX³/DMX³-I frame 6300

		Accessories
1	0 288 17	Inserted/Test/Draw-out lock button
1	0 288 25	Rating mis-insertion device Prevents the insertion of a draw-out circuit breaker in an incompatible base
1	0 288 23	Operations counter Counts total number of operation cycles of the device
1	0 288 14	Contact "ready to close" with charged springs
1	0 288 15	Additional signalling contact
1	0 288 79	Lifting plate

Red catalogue numbers: New products

Rear terminals for DMX³ 2500, 4000 and 6300

0 288 84

0 288 82

0 288 96

0 288 94

0 288 91

Dimensions **p. 228 to 232**

Pack	Cat.Nos 3P	Cat.Nos 4P	Rear terminals
			For DMX³ frame 2500 fixed version
1	0 288 84	0 288 85	For flat connection with bars To be fixed onto horizontal rear terminals of the circuit breaker
1	0 288 82	0 288 83	For vertical connection with bars Those terminals are used in order to transform a flat connection into a vertical one To be fixed onto Cat.Nos 0 288 84/85 according to the number of poles
			For DMX³ frame 2500 draw-out version
1	0 288 96	0 288 97	For vertical or horizontal connection with bars To be fixed onto plate rear terminals of the circuit breaker
			For DMX³ frame 2500 fixed or draw-out version (max. rating 1600 A) - Aluminium version
1	6 696 18	6 696 19	When used for DMX³ fixed version, must be fixed on the speaders Cat.Nos 0 288 86/87 When used for DMX³ draw-out version, must be fixed directly on the flat rear terminals of the circuit breaker
			For DMX³ frame 4000 and 6300 fixed version
1	0 288 92	0 288 93	For flat connection with bars To be fixed onto horizontal rear terminals of the circuit breaker 2 sets are required for frame 6300
			For DMX³ frame 4000 and 6300 fixed or draw-out version
1	0 288 94	0 288 95	On DMX³ fixed version: - For vertical connection with bars - To be fixed onto Cat.Nos 0 288 92/93 according to the number of poles On DMX³ draw-out version: - For vertical or horizontal connection with bars - To be fixed directly onto plate rear terminals of the circuit breaker 2 sets are required for frame 6300

Pack	Cat.Nos 3P	Cat.Nos 4P	Spreaders for DMX³ frame 2500 fixed version
			To be fixed onto horizontal rear terminals of the circuit breaker
1	0 288 86	0 288 87	For flat connection with bars
1	0 288 88	0 288 89	For vertical connection with bars
1	0 288 90	0 288 91	For horizontal connection with bars

Pack	Cat.Nos 3P	Cat.Nos 4P	Insulation shields
			For fixed version
1	0 288 98	0 288 99	Insulation shields for DMX³/DMX³-I frames 2500 / 4000 / 6300
			For draw-out version
1	0 288 18	0 288 19	Insulation shields for DMX³/DMX³-I frames 2500 / 4000 / 6300

Equipment for DMX³ 2500, 4000 and 6300 transfer switches

0 288 64

Pack	Cat.Nos	Equipment for transfer switches
		The mechanical interlock is set up using cables and can interlock 2 or 3 devices, which may be different type in a vertical or horizontal configuration The interlock unit is mounted on the right-hand side of the device Cable interlock to be ordered separately (cable lenght to be specified according to every configuration - see below)
1	0 288 64	Interlock for DMX³ frame 2500
1	0 288 65	Interlock for DMX³ frame 4000
1	0 288 66	Interlock for DMX³ frame 6300

Pack	Cat.Nos	Cable interlock Length
1	0 289 17	1000 mm
1	0 289 18	1500 mm
1	0 289 20	2600 mm
1	0 289 21	3000 mm
1	0 289 22	3600 mm
1	0 289 23	4000 mm
1	0 289 24	4600 mm
1	0 289 25	5600 mm

Automatic transfer switch control units

4 226 81

4 226 82 + 4 226 88

4 226 83

4 226 84

4 226 86

4 226 89

Technical characteristics and dimensions **p. 223**

They can control transfer switching between sources, manage generator start/stop, control single phase, two-phase and three-phase networks, control phase-phase and phase-neutral voltages
For DPX[3] and DMX[3] circuit breakers and CTX[3] contactors

Pack	Cat.Nos	Automatic transfer switch control units
		For standard management of 2 circuit breakers
1	4 226 81[1]	6 programmable digital inputs and 7 programmable relay outputs LCD display IR communication port on the front panel for connection of USB or WiFi modules Cat.Nos 4 226 87/88 Can be configured with the help of front panel touch keys or of the Legrand dedicated software Power supply: 110-240 V~ IP40
		For advanced management of 2 circuit breakers
1	4 226 82[1]	6 programmable digital inputs and 7 programmable relay outputs Can be equipped with maximum 2 plug-in modules between: - extension modules Cat.Nos 4 226 90/91/92 - opto-isolated RS485 communication interface Cat.No 4 226 89 LCD display IR communication port on the front panel for connection of USB or WiFi modules Cat.Nos 4 226 87/88 Can be configured with the help of front panel touch keys or of the Legrand dedicated software Power supply: 12-24 V⎓ ; 110-240 V~ IP40
		For advanced management of 3 circuit breakers and 2 power sources
1	4 226 83[1]	8 programmable digital inputs and 7 programmable relay outputs Can be equipped with maximum 3 plug-in extension modules between Cat.Nos 4 226 90/91/92 Integrated opto-isolatied RS485 communication interface LCD display IR communication port on the front panel for connection of USB or WiFi modules Cat.Nos 4 226 87/88 Can be configured with the help of front panel touch keys or of the Legrand dedicated software Power supply: 12-24-48 V⎓ ; 110-240 V~ IP65
		For advanced management of 5 circuit breakers and 3 power sources
1	4 226 84[1]	12 programmable digital inputs and 11 programmable relay outputs Can be equipped with maximum 3 plug-in extension modules between Cat.Nos 4 226 90/91/92 Integrated opto-isolatied RS485 communication interface LCD display IR communication port on the front panel for connection of USB or WiFi modules Cat.Nos 4 226 87/88 Can be configured with the help of front panel touch keys or of the Legrand dedicated software Power supply: 12-24-48 V⎓ ; 110-240 V~ IP65 Must be factory configured to fit installation needs Please ask for ATS order form.

Pack	Cat.Nos	Dual power supply selector
1	4 226 86	Dual power supply selector measures and controls two supply voltages at its inputs (single phase, 230 V~) and selects the most adapted voltage for auxiliary circuits supply Equipped with 1 alarm contact, if no supply voltage can be selected within the limits
		Plug-in modules
1	4 226 89	Opto-isolated RS485 interface
1	4 226 90	4 opto-isolated static outputs
1	4 226 91	2 relay outputs, rated 5 A 250 V~
1	4 226 92	2 opto-isolated digital inputs and 2 relay outputs rated 5 A 250 V~
		Communication accessories
		These communication devices can be used to connect automatic transfer switch controllers to a computer; smartphone or tablet For progamming, downloading data, diagnostics and upgrading the firmware
		USB front connector
1	4 226 87[1]	Computer connection cable with USB connector The computer identifies the connection as a standard USB connection. There is no need to switch off the controller power supply
		Wi-Fi front connector
1	4 226 88[1]	Wi-Fi connection device compatible with computers, smartphones and tablets There is no need to switch off the controller power supply

1: Configuration software available for download via e-catalogue
ACU Configurator app for smartphone and tablet available on Apple Store and Google Play

Red catalogue numbers: New products

Automation control units for transfer switches

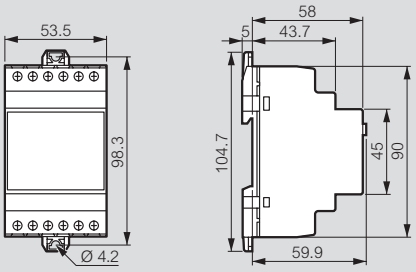
technical characteristics and dimensions

Technical characteristics

		Cat.Nos			
		4 226 81	**4 226 82**	**4 226 83**	**4 226 84**
Voltage Inputs	**Ue max rated voltage**	100-480 V~	100-480 V~	100-600 V~ L-L (346 V~ L-N)	100-600 V~ L-L (346 V~ L-N)
	Measuring range	50-576 V~ (L-L)	50-576 V~ (L-L)	50-720 V~ (L-L)	50-720 V~ (L-L)
	Frequency range	45...65 Hz 360...440 Hz	45...65 Hz 360...440 Hz	45...65 Hz 360...440 Hz	45...65 Hz 360...440 Hz
	Measurement type	True RMS value	True RMS value	True RMS value	True RMS value
	Connection modes	Single phase, two-phase or three-phase system with or without neutral	Single phase, two-phase or three-phase system with or without neutral	Single phase, two-phase or three-phase system with or without neutral	Single phase, two-phase or three-phase system with or without neutral
	Measuring error	± 0.25% f.s. ± 1 digit	± 0.25% f.s. ± 1 digit	± 0.25% f.s. ± 1 digit	± 0.25% f.s. ± 1 digit
Ambient conditions	**Operating temperature**	-30... +70 °C	-30... +70 °C	-30... +70 °C	-30... +70 °C
	Storage temperature	-30...+80 °C	-30...+80 °C	-30...+80 °C	-30...+80 °C
	Relativity humidity	80 % (IEC/EN 60068-2-78)	80 % (IEC/EN 60068-2-78)	80 % (IEC/EN 60068-2-78)	80 % (IEC/EN 60068-2-78)
	Maximum pollution degree	2	2	2	2
	Overvoltage category	3	3	3	3
	Measurement category	III	III	III	III
	Rated impulse withstand voltage	Uimp 7.3 kV	Uimp 7.3 kV	Uimp 7.3 kV	Uimp 7.3 kV
	Protection index	IP 40	IP 40	IP 65	IP 65
Functionalities	**Inputs**	6 programmables	6 programmables	8 programmables	12 programmables
	Outputs	7 relay programmables	7 relay programmables	7 relay programmables	11 relay programmables
	Expandibility	No	Yes (2 modules)	Yes (3 modules)	Yes (3 modules)
	ModBus	No	Yes, with expansion module RS485	Yes, embedded RS485	Yes, embedded RS485
	Storage	No	Yes, 100 most recent events	Yes, 250 most recent events	Yes, 250 most recent events
	Programming	USB or WiFi (Direct on front panel or with comm module and Legrand software or App)			

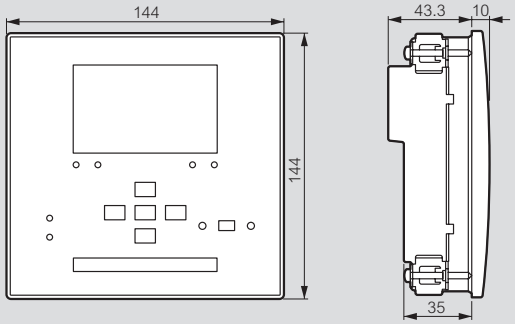
Dimensions

Cat.No 4 226 86

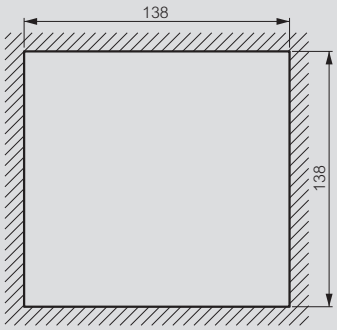


Dimensions (continued)

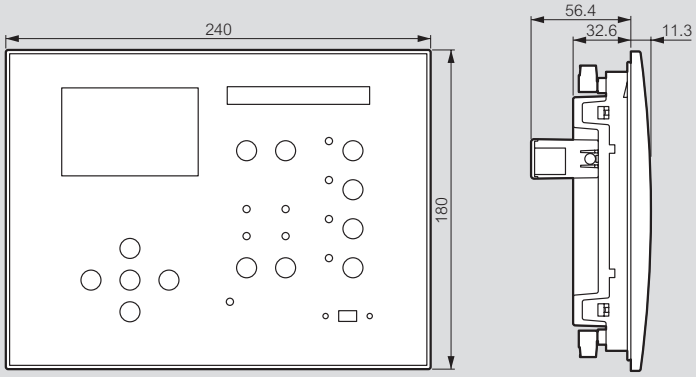
Cat.Nos 4 226 81/82



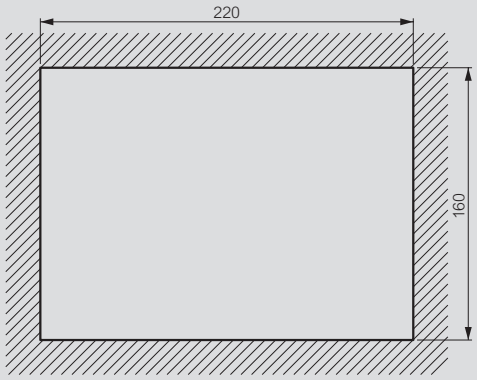
Door cut



Cat.Nos 4 226 83/84



Door cut



DMX³ 2500, 4000 and 6300 old range
selection table

DMX³		ACBs TO BE EQUIPPED WITH MP4 OR MP6 PROTECTION UNITS			
Breaking capacity Icu (kA)	In (A)	Fixed version		Draw-out version	
		3P	4P	3P	4P
50 kA	Frame 2500				
	800	0 286 21	0 286 31	0 287 21	0 287 31
	1000	0 286 22	0 286 32	0 287 22	0 287 32
	1250	0 286 23	0 286 33	0 287 23	0 287 33
	1600	0 286 24	0 286 34	0 287 24	0 287 34
	2000	0 286 25	0 286 35	0 287 25	0 287 35
	2500	0 286 26	0 286 36	0 287 26	0 287 36
	Frame 4000				
	3200	0 286 27	0 286 37	0 287 27	0 287 37
	4000	0 286 28	0 286 38	0 287 28	0 287 38
65 kA	Frame 2500				
	800	0 286 41	0 286 51	0 287 41	0 287 51
	1000	0 286 42	0 286 52	0 287 42	0 287 52
	1250	0 286 43	0 286 53	0 287 43	0 287 53
	1600	0 286 44	0 286 54	0 287 44	0 287 54
	2000	0 286 45	0 286 55	0 287 45	0 287 55
	2500	0 286 46	0 286 56	0 287 46	0 287 56
	Frame 4000				
	3200	0 286 47	0 286 57	0 287 47	0 287 57
	4000	0 286 48	0 286 58	0 287 48	0 287 58
100 kA	Frame 4000				
	800	0 286 61	0 286 71	0 287 61	0 287 71
	1000	0 286 62	0 286 72	0 287 62	0 287 72
	1250	0 286 63	0 286 73	0 287 63	0 287 73
	1600	0 286 64	0 286 74	0 287 64	0 287 74
	2000	0 286 65	0 286 75	0 287 65	0 287 75
	2500	0 286 66	0 286 76	0 287 66	0 287 76
	3200	0 286 67	0 286 77	0 287 67	0 287 77
	4000	0 286 68	0 286 78	0 287 68	0 287 78
	Frame 6300				
	5000	0 289 50	0 289 60	0 289 52	0 289 62
	6300	0 289 51	0 289 61	0 289 53	0 289 63
MP4 protection units	LI	0 288 00			
	LSI	0 288 01			
	LSIg	0 288 02			
MP6 protection units	LSI	0 288 03			
	LSIg	0 288 04			
Communication option for MP4 protection units					0 288 05
External auxiliary power supply (input 24 V⎓)					0 288 06
Programmable output option for MP4 protection units					0 288 12
External neutral for DMX³ 2500 and 4000					0 288 11
External neutral for DMX³ 6300					0 288 10

DMX³ 4000-1000 V~ / DMX³-I 2500, 4000 and 6300 old range - selection table

DMX³ 4000 1000 V~		ACBs TO BE EQUIPPED WITH MP4 PROTECTION UNITS			
Breaking capacity Icu (kA)	In (A)	Fixed version		Draw-out version	
		3P	4P	3P	4P
50 kA	Frame 4000				
	630	0 285 00	0 285 10	0 285 20	0 285 30
	800	0 285 01	0 285 11	0 285 21	0 285 31
	1000	0 285 02	0 285 12	0 285 22	0 285 32
	1250	0 285 03	0 285 13	0 285 23	0 285 33
	1600	0 285 04	0 285 14	0 285 24	0 285 34
	2000	0 285 05	0 285 15	0 285 25	0 285 35
	2500	0 285 06	0 285 16	0 285 26	0 285 36
	3200	0 285 07	0 285 17	0 285 27	0 285 37
	4000	0 285 08	0 285 18	0 285 28	0 285 38
MP4 protection units	LI	0 288 00			
	LSI	0 288 01			
	LSIg	0 288 02			
Communication option for MP4 protection units					0 288 05
External auxiliary power supply (input 24 V⎓)					0 288 06
Programmable output option for MP4 protection units					0 288 12
External neutral for DMX³ 2500 and 4000					0 288 11

DMX³-I	TRIP FREE SWITCHES			
In (A)	Fixed version		Draw-out version	
	3P	4P	3P	4P
Frame 2500				
1250	0 286 83	0 286 93	0 287 83	0 287 93
1600	0 286 84	0 286 94	0 287 84	0 287 94
2000	0 286 85	0 286 95	0 287 85	0 287 95
2500	0 286 86	0 286 96	0 287 86	0 287 96
Frame 4000				
3200	0 286 87	0 286 97	0 287 87	0 287 97
4000	0 286 88	0 286 98	0 287 88	0 287 98
Frame 6300				
6300	0 289 70	0 289 71	0 289 77	0 289 78

DMX³ 1600

technical characteristics

Technical characteristics

DMX³ 1600

DMX³ according to IEC 60947-2		DMX³ 1600	
		42 kA	50 kA
Frame current (A)		1600	
Number of poles		3P-4P	
Rating In (A)		630/800/1000/1250/1600	
Rated insulation voltage Ui (V)		1000	
Rated impulse withstand voltage Uimp (kV)		12	
Rated operational voltage (50/60Hz) Ue (V)		690	
Category of use		B	
Ultimate breaking capacity Icu (kA)	220 / 240 V~	42	50
	380 / 415 V~	42	50
	440 / 460 V~	42	50
	480 / 500 V~	42	50
	600 V~	42	42
	690 V~	42	42
Service breaking capacity Ics (% Icu)		100 %	100 %
Short-circuit making capacity Icm (kA)	220 / 240 V~	88	105
	380 / 415 V~	88	105
	440 / 460 V~	88	105
	480 / 500 V~	88	105
	600 V~	88	88
	690 V~	88	88
Short time withstand current Icw (kA) for t = 1s	220 / 240 V~	42	50
	380 / 415 V~	42	50
	440 / 460 V~	42	50
	480 / 500 V~	42	50
	600 V~	42	42
	690 V~	42	42
Magnetic threshold	Istantaneous releases Ii (x In)	(2 ÷ 15) & Icw	
Isolation behavior		Yes	
Endurance (cycle)	mechanical without maintenance	5000	
	mechanical with maintenance	10000	
	electrical	1500 at 690 V / 3000 at 415 V	

Derating at different altitudes

Air circuit breaker	DMX³ 1600			
Altitude H (m)	< 2000	3000	4000	5000
Rated current (at 40°C) In (A)	In	0.93 x In	0.88 x In	0.82 x In
Rated voltage Ue (V)	690	600	500	440
Rated insulation voltage Ui (V)	1000	900	750	600

Selectivity in three-phase network 415 V~

DMX³/DPX³

Downstream \ Upstream		DMX³ 1600				
		630 A	800 A	1000 A	1250 A	1600 A
DPX³ 160(1)		T	T	T	T	T
DPX³ 250(1) TM and elec.		T	T	T	T	T
DPX³ 630(1) TM and elec.			T	T	T	T
DPX³ 1600(1) thermal magnetic	630 A		T	T	T	T
	800 A			T	T	T
	1000 A				T	T
	1250 A					T
DPX³ 1600(1) electronic	630 A				T	T
	800 A				T	T
	1000 A					T
	1250 A					T
	1600 A					

1: All breaking capacities
T: total selectivity, up to downstream circuit breaking capacity according to IEC 60947-2

DMX³/DMX³

Downstream \ Upstream		DMX³ 1600				
		630 A	800 A	1000 A	1250 A	1600 A
DMX³	630 A		T	T	T	T
	800 A			T	T	T
	1000 A				T	T
	1250 A					T
	1600 A					

T: total selectivity, up to downstream circuit breaking capacity according to IEC 60947-2
Icu of downstream circuit breaker ≤ Icu of upstream circuit breaker
Selectivity values are intended with protection unit properly adjusted

DMX³/DX³

	DMX³ 1600				
	630 A	800 A	1000 A	1250 A	1600 A
DX³ 6000 - 10 kA	T	T	T	T	T
DX³ 10000 - 16 kA	T	T	T	T	T
DX³ 25 kA	T	T	T	T	T
DX³ 36 kA	T	T	T	T	T
DX³ 50 kA	T	T	T	T	T

T: total selectivity, up to downstream circuit breaking capacity according to IEC 60947-2
Icu of downstream circuit breaker ≤ Icu of upstream circuit breaker
Selectivity values are intended with protection unit properly adjusted

Temperature derating

Fixed and draw-out version

Temperature	40°C		50°C		60°C		65°C		70°C	
	Imax (A)	Ir / In	Imax (A)	Ir / In	Imax (A)	Ir / In	Imax (A)	Ir / In	Imax (A)	Ir / In
DMX³ 1600	630	1	630	1	630	1	630	1	630	1
	800	1	800	1	800	1	800	1	800	1
	1000	1	1000	1	1000	1	1000	1	950	0.95
	1250	1	1250	1	1250	1	1187	0.95	1125	0.9
	1600	1	1600	1	1330	0.83	1280	0.8	1216	0.76

Minimum recommended dimension of copper busbars per pole

In (A)	Fixed version		Draw-out version	
	Horizontal bars (mm)	Vertical bars (mm)	Horizontal bars (mm)	Vertical bars (mm)
630	2 x 40 x 5	2 x 40 x 5	2 x 40 x 5	2 x 40 x 5
800	2 x 30 x 10	2 x 50 x 5	2 x 30 x 10	2 x 50 x 5
1000	2 x 30 x 10	1 x 60 x 10 / 2 x 60 x 5	2 x 30 x 10	2 x 60 x 5
1250	2 x 40 x 10	1 x 80 x 10 / 2 x 40 x 10	2 x 40 x 10	2 x 80 x 5
1600	2 x 50 x 10	2 x 50 x 10	2 x 50 x 10	2 x 50 x 10

Note: The tables presenting the minimum recommended dimensions of connection plates and bars per pole should be used solely as a general guideline for selecting products. Due to extensive variety of switchgear constructions shapes and conditions that can affect the behavior of the apparatus, the solution used must always be verified

For minimum recommended section of aluminium busbars
Please, consult us

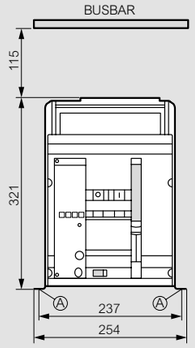
DMX³ 1600 and DMX³-I 1600 - Frame 1600

dimensions

Fixed version

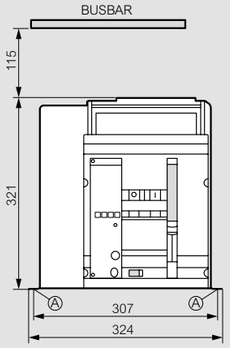
Overall dimensions

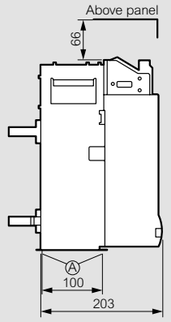
3P version



A = fixing point on plate of enclosure

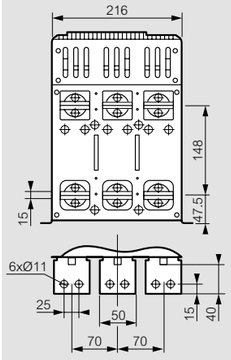
4P version



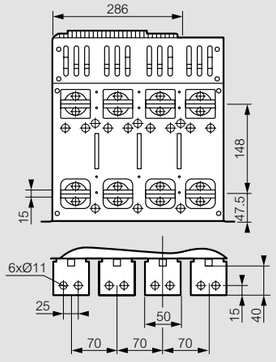


Rear terminals for horizontal connection with bars

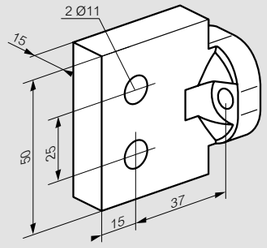
3P version



4P version

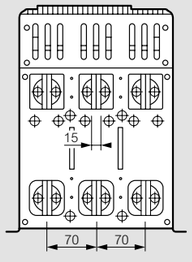


Reversible rear terminals

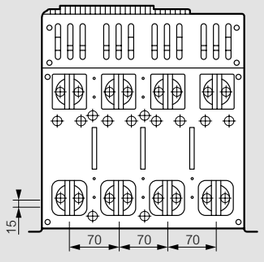


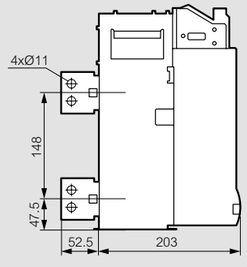
Rear terminals for vertical connection with bars

3P version



4P version

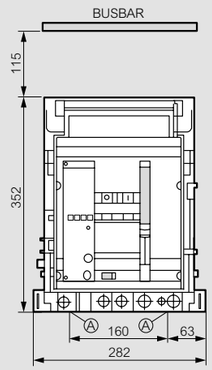




Draw-out version

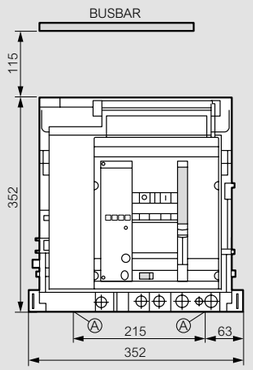
Overall dimensions

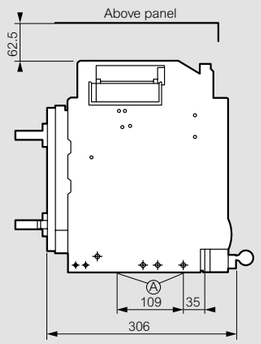
3P version



A = fixing point on plate of enclosure

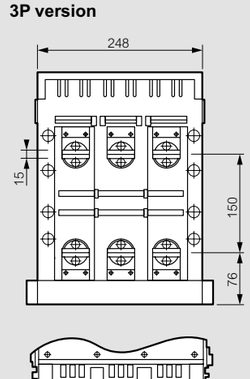
4P version



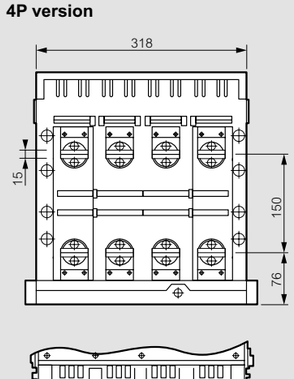


Rear terminals for horizontal connection with bars

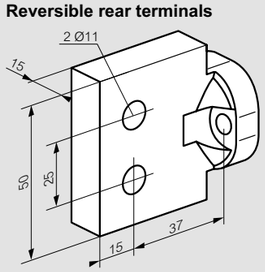
3P version



4P version

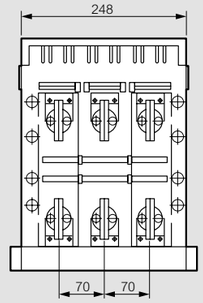


Reversible rear terminals

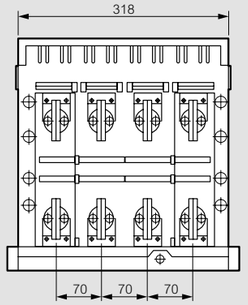


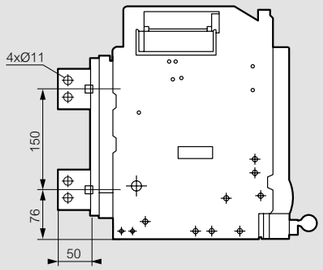
Rear terminals for vertical connection with bars

3P version



4P version





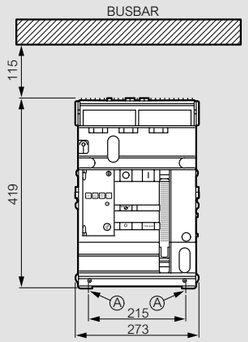
DMX³ 2500 and DMX³-I 2500 - frame 2500

dimensions

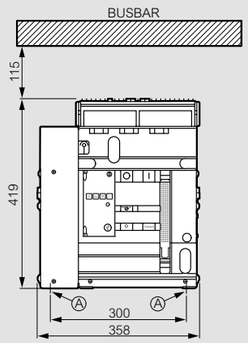
Fixed version - frame 2500

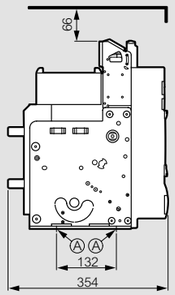
Overall dimensions

3P version



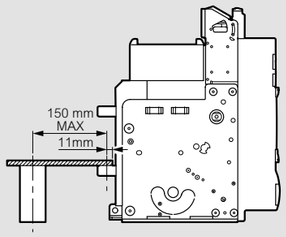
4P version

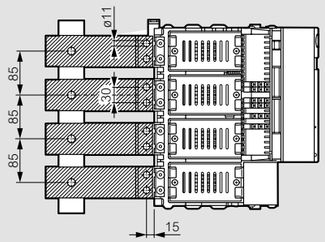




A = fixing point on plate of enclosure

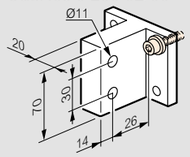
Connection principle





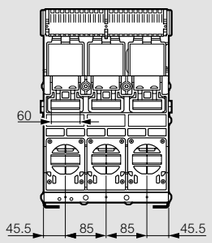
Rear terminals for vertical connection with bars

Cat.Nos 0 288 82/83

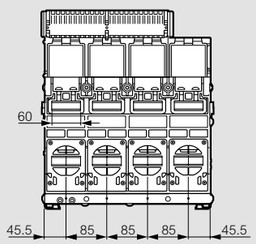


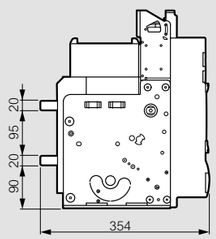
Rear terminals for horizontal connection with bars

3P version



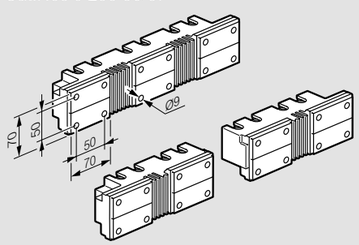
4P version





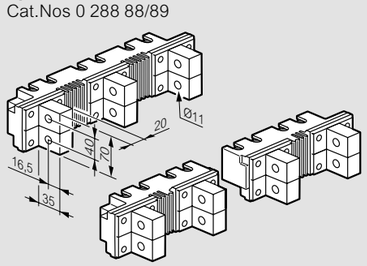
Spreaders for flat connection with bars

Cat.Nos 0 288 86/87



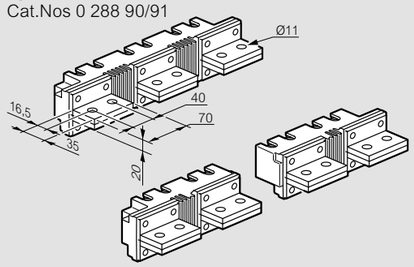
Spreaders for vertical connection with bars

Cat.Nos 0 288 88/89



Spreaders for horizontal connection with bars

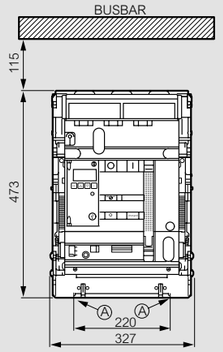
Cat.Nos 0 288 90/91



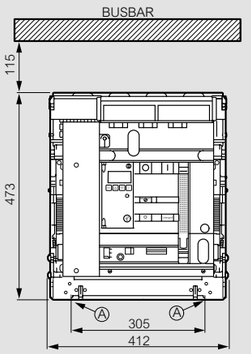
Draw-out version - frame 2500

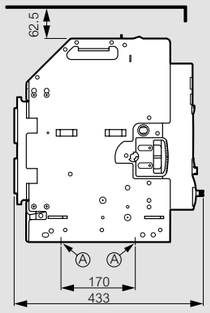
Overall dimensions

3P version



4P version

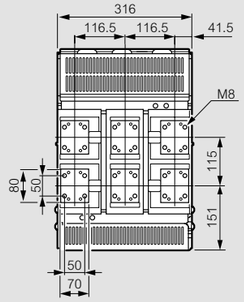




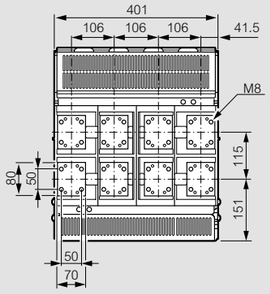
A = fixing point on plate of enclosure

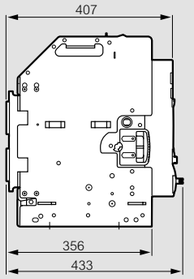
Rear terminals for flat connection with bars

3P version



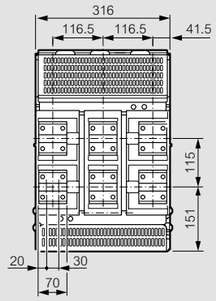
4P version



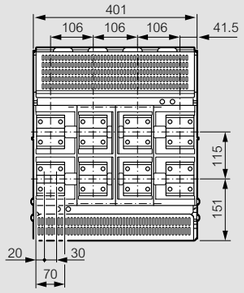


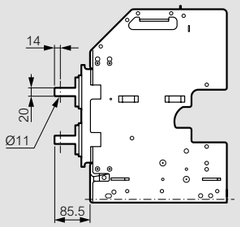
Rear terminals for horizontal connection with bars - Cat.Nos 0 288 96/97

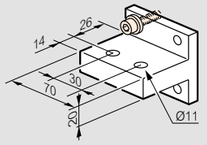
3P version



4P version

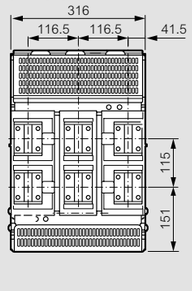




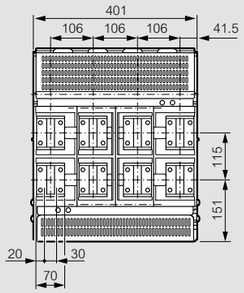


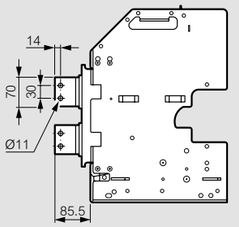
Rear terminals for vertical connection with bars - Cat.Nos 0 288 96/97

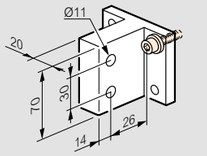
3P version



4P version







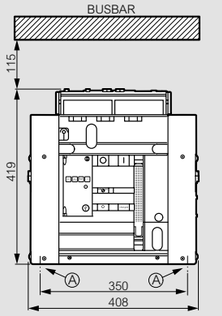
DMX³ 2500, DMX³-I 2500, DMX³ 4000 and DMX³-I 4000 - frame 4000

dimensions

Fixed version - frame 4000

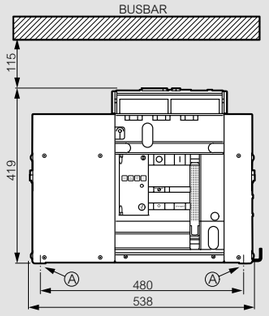
Overall dimensions

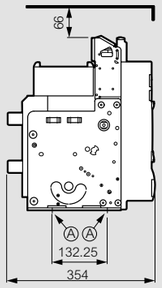
3P version



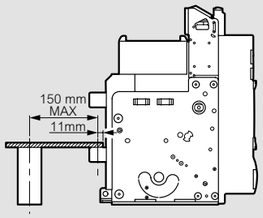
A = fixing point on plate of enclosure

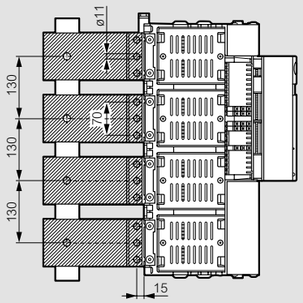
4P version





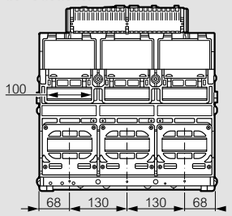
Connection principle



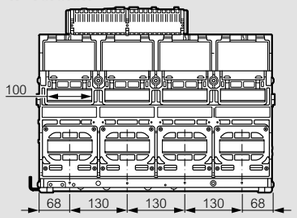


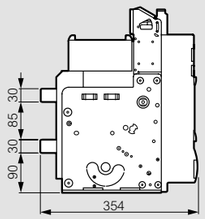
Rear terminals

3P version



4P version

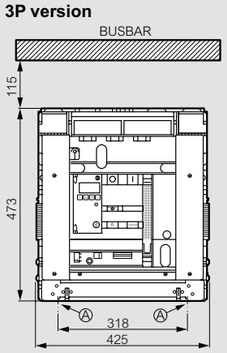




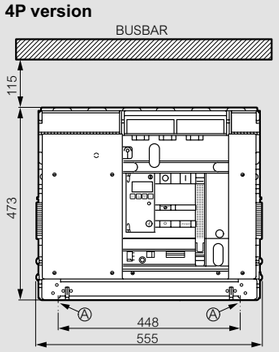
Draw-out version - frame 4000

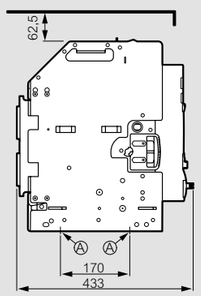
Overall dimensions

3P version



4P version

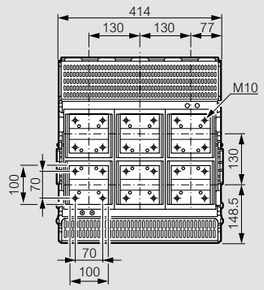




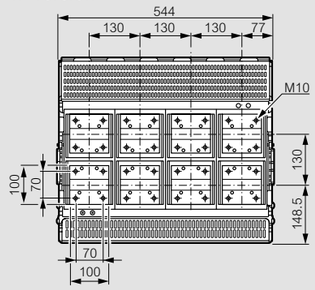
Draw-out version - frame 4000 (continued)

Rear terminals for flat connection with bars

3P version



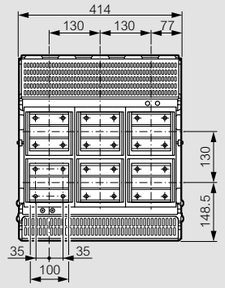
4P version

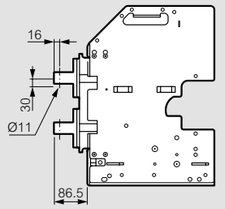


Rear terminals for horizontal connection with bars

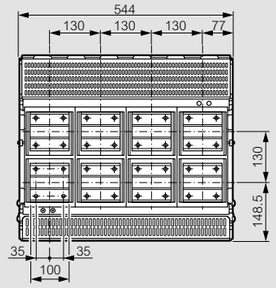
Cat.Nos 0 288 92/93

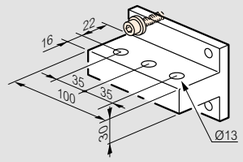
3P version





4P version

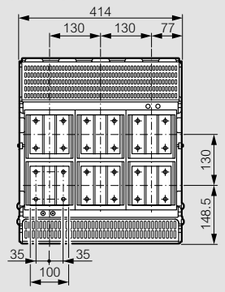


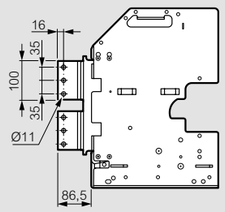


Rear terminals for vertical connection with bars

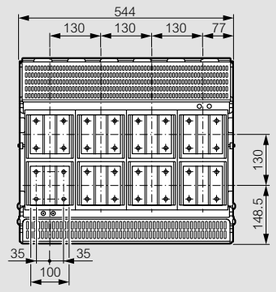
Cat.Nos 0 288 92/93

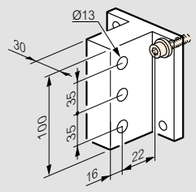
3P version





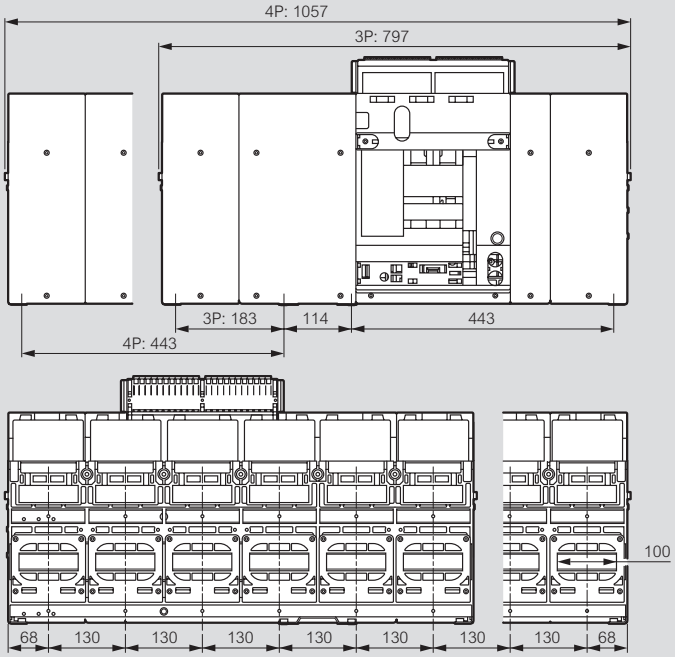
4P version

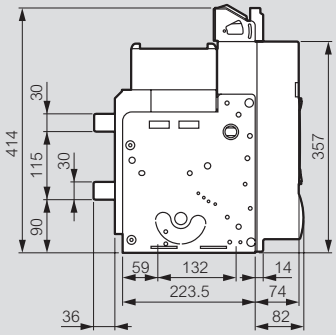




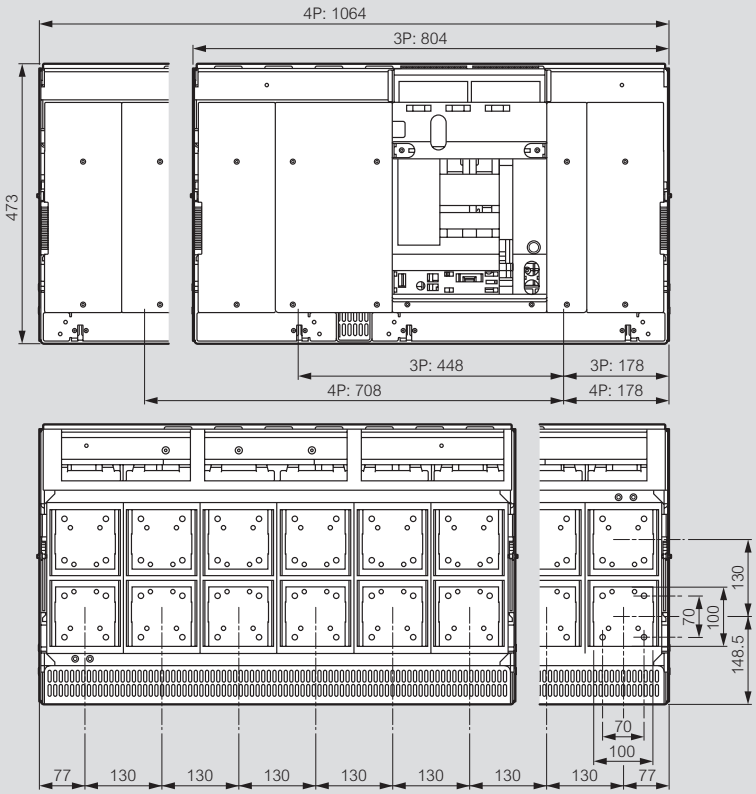
DMX³ 6300 et DMX³-I 6300 - frame 6300

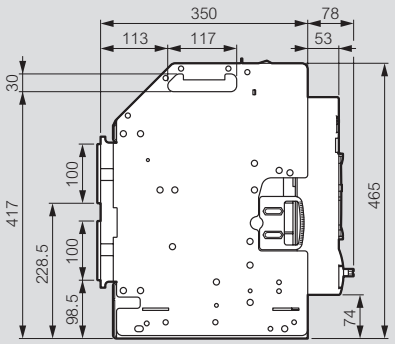
Fixed version - frame 6300





Draw-out version - frame 6300





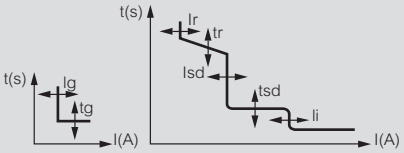
DMX³ 1600/2500/4000/6300

electronic protection units

Settings of the electronic protection units

MP2.10 and MP4.10

Ir, tr, Isd, tsd, Ii, Ig, tg adjustment



- **Long time delay protection against overloads**
  Ir from 0.2 to 1 x In with steps of 1 A
  Protection: ON/OFF
- **Long delay protection operation time**
  tr from 40 ms to 30 s (@6Ir) with steps of 40 ms
  Thermal memory: ON/OFF
- **Short time delay protection against short circuits**
  Isd from 1.5 to 10 x Ir with steps of 1 A
  Protection: ON/OFF
- **Short time delay protection operation time**
  tsd from 40 ms to 1 s with steps of 40 ms
  (both t=k and i^2t=k)
- **Instantaneous protection against very high short circuits**
  Ii from 2 to 15 x In or Icw with steps of 1 A
  Protection: ON/OFF
- **Earth fault current**
  Ig from 0.2 to 1 x In with steps of 1 A
  Protection: ON/OFF
  tg from 80 ms to 1 s with steps of 40 ms
  (both t=k and i^2t=k)
- **Neutral protection**
  OFF - 50% - 100% - 200%

DMX³ 2500/4000/6300

technical characteristics

Selectivity in three-phase network 415 V~

DMX³/DPX³

Upstream / Downstream		DMX³ 2500					DMX³ 4000	DMX³ 6300
		800 A	1000 A	1250 A	1600 A	2000 & 2500 A	3200 & 4000 A	5000 & 6300 A
DPX³ 160(1)		T	T	T	T	T	T	T
DPX³ 250(1)		T	T	T	T	T	T	T
DPX³ 630(1) TM and elec.		T	T	T	T	T	T	T
DPX³ 1600(1) thermal magnetic	630 A	T	T	T	T	T	T	T
	800 A		T	T	T	T	T	T
	1000 A			T	T	T	T	T
	1250 A				T	T	T	T
DPX³ 1600(1) electronic	630 A			T	T	T	T	T
	800 A			T	T	T	T	T
	1000 A				T	T	T	T
	1250 A				T	T	T	T
	1600 A					T	T	T

1: All breaking capacities
T: total selectivity, up to downstream circuit breaker breaking capacity according to IEC 60947-2

DMX³/DMX³

Upstream / Downstream		DMX³									
		800 A	1000 A	1250 A	1600 A	2000 A	2500 A	3200 A	4000 A	5000 A	6300 A
DMX³	800 A		T	T	T	T	T	T	T	T	T
	1000 A			T	T	T	T	T	T	T	T
	1250 A				T	T	T	T	T	T	T
	1600 A					T	T	T	T	T	T
	2000 A						T	T	T	T	T
	2500 A							T	T	T	T
	3200 A								T	T	T
	4000 A									T	T
	5000 A										T
	6300 A										

T: total selectivity, up to downstream circuit breaker breaking capacity according to IEC 60947-2
Icu of downstream circuit breaker ≤ Icu of upstream circuit breaker
Selectivity values are intended with protection unit properly adjusted

DMX³/DX³

	DMX³ 2500							DMX³ 4000		DMX³ 6300	
	630 A	800 A	1000 A	1250 A	1600 A	2000 A	2500 A	3200 A	4000 A	5000 A	6300 A
DX³ 6000 - 10 kA	T	T	T	T	T	T	T	T	T	T	T
DX³ 10000 - 16 kA	T	T	T	T	T	T	T	T	T	T	T
DX³ 25 kA	T	T	T	T	T	T	T	T	T	T	T
DX³ 36 kA	T	T	T	T	T	T	T	T	T	T	T
DX³ 50 kA	T	T	T	T	T	T	T	T	T	T	T

T: total selectivity, up to downstream circuit breaker breaking capacity according to IEC 60947-2

DMX³ tripping curves,
see technical sheet

DMX³ 2500/4000/6300

technical characteristics (continued)

Technical characteristics

DMX³ 2500

DMX³ according to IEC 60947-2		DMX³ 2500																	
		800			1000			1250			1600			2000			2500		
		N	H	L	N	H	L	N	H	L	N	H	L	N	H	L	N	H	L
Number of poles		3P - 4P			3P - 4P			3P - 4P			3P - 4P			3P - 4P			3P - 4P		
Rating In (A)		800			1000			1250			1600			2000			2500		
Rated insulation voltage Ui (V)		1000			1000			1000			1000			1000			1000		
Rated impulse withstand voltage Uimp (kV)		12			12			12			12			12			12		
Rated operational voltage (50/60Hz) Ue (V)		690			690			690			690			690			690		
Frame		2500		4000	2500		4000	2500		4000	2500		4000	2500		4000	2500		4000
Ultimate breaking capacity Icu (kA)	230 V~	50	65	100	50	65	100	50	65	100	50	65	100	50	65	100	50	65	100
	415 V~	50	65	100	50	65	100	50	65	100	50	65	100	50	65	100	50	65	100
	500 V~	50	65	100	50	65	100	50	65	100	50	65	100	50	65	100	50	65	100
	600 V~	50	60	75	50	60	75	50	60	75	50	60	75	50	60	75	50	60	75
	690 V~	50	55	65	50	55	65	50	55	65	50	55	65	50	55	65	50	55	65
Service breaking capacity Ics (% Icu)		100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
Short-circuit making capacity Icm (kA)	230 V~	105	143	220	105	143	220	105	143	220	105	143	220	105	143	220	105	143	220
	415 V~	105	143	220	105	143	220	105	143	220	105	143	220	105	143	220	105	143	220
	500 V~	105	143	220	105	143	220	105	143	220	105	143	220	105	143	220	105	143	220
	600 V~	105	132	165	105	132	165	105	132	165	105	132	165	105	132	165	105	132	165
	690 V~	105	121	143	105	121	143	105	121	143	105	121	143	105	121	143	105	121	143
Short time withstand current Icw (kA) for t = 1s	230 V~	50	65	85	50	65	85	50	65	85	50	65	85	50	65	85	50	65	85
	415 V~	50	65	85	50	65	85	50	65	85	50	65	85	50	65	85	50	65	85
	500 V~	50	65	85	50	65	85	50	65	85	50	65	85	50	65	85	50	65	85
	600 V~	50	60	75	50	60	75	50	60	75	50	60	75	50	60	75	50	60	75
	690 V~	50	55	65	50	55	65	50	55	65	50	55	65	50	55	65	50	55	65
Category of use		B			B			B			B			B			B		
Isolation behavior		Yes			Yes			Yes			Yes			Yes			Yes		
Endurance (cycles) without maintenance	mechanical	10000			10000			10000			10000			10000			10000		
	electrical	5000			5000			5000			5000			5000			5000		

DMX³ 4000

DMX³ according to IEC 60947-2		DMX³ 4000					
		3200			4000		
		N	H	L	N	H	L
Number of poles		3P - 4P			3P - 4P		
Rating In (A)		3200			4000		
Rated insulation voltage Ui (V)		1000			1000		
Rated impulse withstand voltage Uimp (kV)		12			12		
Rated operational voltage (50/60Hz) Ue (V)		690			690		
Frame		4000			4000		
Ultimate breaking capacity Icu (kA)	230 V~	50	65	100	50	65	100
	415 V~	50	65	100	50	65	100
	500 V~	50	65	100	50	65	100
	600 V~	50	60	75	50	60	75
	690 V~	50	55	65	50	55	65
Service breaking capacity Ics (% Icu)		100	100	100	100	100	100
Short-circuit making capacity Icm (kA)	230 V~	105	143	220	105	143	220
	415 V~	105	143	220	105	143	220
	500 V~	105	143	220	105	143	220
	600 V~	105	132	165	105	132	165
	690 V~	105	121	143	105	121	143
Short time withstand current Icw (kA) for t = 1s	230 V~	50	65	85	50	65	85
	415 V~	50	65	85	50	65	85
	500 V~	50	65	85	50	65	85
	600 V~	50	60	75	50	60	75
	690 V~	50	55	65	50	55	65
Category of use		B			B		
Isolation behavior		Yes			Yes		
Endurance (cycles) without maintenance	mechanical	10000			10000		
	electrical	5000			5000		

DMX³ 6300

DMX³ according to IEC 60947-2		DMX³ 6300	
		5000	6300
		L	L
Number of poles		3P - 4P	3P - 4P
Rating In (A)		5000	5000
Rated insulation voltage Ui (V)		1000	1000
Rated impulse withstand voltage Uimp (kV)		12	12
Rated operational voltage (50/60Hz) Ue (V)		690	690
Frame		6300	6300
Ultimate breaking capacity Icu (kA)	230 V~	100	100
	415 V~	100	100
	500 V~	100	100
	600 V~	75	75
	690 V~	65	65
Service breaking capacity Ics (% Icu)		100	100
Short-circuit making capacity Icm (kA)	230 V~	220	220
	415 V~	220	220
	500 V~	220	220
	600 V~	165	165
	690 V~	143	143
Short time withstand current Icw (kA) for t = 1s	230 V~	100	100
	415 V~	100	100
	500 V~	100	100
	600 V~	75	75
	690 V~	65	65
Category of use		B	B
Isolation behavior		Yes	Yes
Endurance (cycles)	mechanical	5000	5000
	electrical	2500	2500

Temperature derating

Fixed version

Temperature	40°C		50°C		60°C		65°C		70°C	
	Imax (A)	Ir / In	Imax (A)	Ir / In	Imax (A)	Ir / In	Imax (A)	Ir / In	Imax (A)	Ir / In
DMX³ 2500	800	1	800	1	800	1	800	1	800	1
	1000	1	1000	1	1000	1	1000	1	1000	1
	1250	1	1250	1	1250	1	1250	1	1250	1
	1600	1	1600	1	1600	1	1600	1	1600	1
	2000	1	2000	1	1960	0.98	1920	0.96	1880	0.94
	2500	1	2500	1	2350	0.94	2250	0.9	2150	0.86
DMX³ 4000	3200	1	3200	1	3200	1	3136	0.98	3008	0.94
	4000	1	4000	1	3680	0.92	3440	0.86	3120	0.78
DMX³ 6300	5000	1	5000	1	5000	1	5000	1	5000	1
	6300	1	6300	1	6048	0.96	5796	0.92	5544	0.88

Draw-out version

Temperature	40°C		50°C		60°C		65°C		70°C	
	Imax (A)	Ir / In	Imax (A)	Ir / In	Imax (A)	Ir / In	Imax (A)	Ir / In	Imax (A)	Ir / In
DMX³ 2500	800	1	800	1	800	1	800	1	800	1
	1000	1	1000	1	1000	1	1000	1	1000	1
	1250	1	1250	1	1250	1	1250	1	1250	1
	1600	1	1600	1	1600	1	1600	1	1600	1
	2000	1	2000	1	1960	0.98	1920	0.96	1875	0.94
	2500	1	2500	1	2250	0.9	2100	0.84	1950	0.78
DMX³ 4000	3200	1	3200	1	3200	1	3072	0.96	2880	0.9
	4000	1	4000	1	3440	0.86	3200	0.8	2960	0.74
DMX³ 6300	5000	1	5000	1	5000	1	5000	1	5000	1
	6300	1	6300	1	5985	0.95	5796	0.92	5292	0.84

Derating at different altitudes

Air circuit breaker	DMX³ 2500, DMX³ 4000 and DMX³ 6300			
Altitude H (m)	< 2000	3000	4000	5000
Rated current (at 40°C) In (A)	In	0.98 x In	0.94 x In	0.90 x In
Rated voltage Ue (V)	690	600	500	440
Rated insulation voltage Ui (V)	1000	900	750	600

Minimum recommended dimension of copper busbars per pole

Frame 2500

In (A)	Fixed version		Draw-out version	
	Vertical bars (mm)	Horizontal bars (mm)	Vertical bars (mm)	Horizontal bars (mm)
630	2 x 40 x 5	2 x 40 x 5	2 x 40 x 5	2 x 40 x 5
800	2 x 50 x 5	2 x 50 x 5	2 x 50 x 5	2 x 50 x 5
1000	1 x 60 x 10 or 2 x 60 x 5	1 x 60 x 10 or 2 x 60 x 5	2 x 60 x 5	2 x 60 x 5
1250	1 x 80 x 10 or 2 x 80 x 5	1 x 80 x 10 or 2 x 80 x 5	2 x 80 x 5	2 x 80 x 5
1600	2 x 50 x 10	2 x 50 x 10	2 x 50 x 10	2 x 50 x 10
2000	3 x 50 x 10	3 x 50 x 10 or 4 x 50 x 10	3 x 50 x 10	3 x 50 x 10
2500	3 x 80 x 10	4 x 80 x 10 or 5 x 60 x 10	3 x 80 x 10	4 x 80 x 10

Frame 4000 - fixed and draw-out versions

In (A)	Vertical bars (mm)	Horizontal bars (mm)
630	1 x 40 x 10 or 2 x 40 x 5	2 x 40 x 5
800	1 x 50 x 10 or 2 x 50 x 5	2 x 50 x 5
1000	1 x 50 x 10 or 2 x 50 x 5	2 x 60 x 5
1250	2 x 60 x 5	2 x 80 x 5
1600	2 x 80 x 5	2 x 50 x 10
2000	2 x 50 x 10	2 x 60 x 10
2500	3 x 50 x 10	3 x 60 x 10
3200	3 x 100 x 10	4 x 80 x 10
4000	4 x 100 x 10	5 x 100 x 10

Frame 6300 - fixed and draw-out versions

In (A)	Vertical bars (mm)	Horizontal bars (mm)
5000	6 x 100 x 10	6 x 100 x 10
6300	7 x 100 x 10	7 x 100 x 10

Note: The tables presenting the minimum recommended dimensions of connection plates and bars per pole should be used solely as a general guideline for selecting products. Due to extensive variety of switchgear constructions shapes and conditions that can affect the behavior of the apparatus, the solution used must always be verified

For minimum recommended dimensions of aluminium busbars
Please, consult us

DSX switch-disconnectors and transfer switching equipment

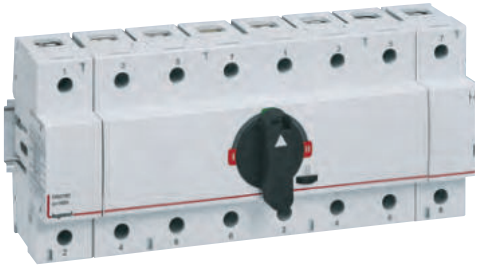
rail mounting

4 240 02

4 240 05

4 242 06

4 241 02


4 241 47

4 242 08

Technical characteristics see opposite
Dimensions **p. 240**

Switch-disconnectors and transfer switching equipment equipped with a rotary direct handle. Front operated
Conform to IEC 60947-3 and IEC 60947-6-1

Switch-disconnectors

Safety switches for on-load circuit breaking by isolation of the contacts
Internal mechanism is independent from the velocity of handle rotation
Double break type load switching with self-cleaning contacts by rapid make and break movements
Category of use: AC23 A/B (415 V~),
Padlockable handle in open position (Ø 6 mm padlock)
Cage terminals
Accept copper and aluminium cables
For 3P+N version, add 1 additional pole (Cat.Nos 4 242 04/05/06/19/20/21)
Can be equipped with up to 4 auxiliary contacts (Cat.No 4 242 08), 2 contacts on each side

Frame 1 - 63 A
Width: 1 module per pole

Pack	3P Cat.Nos	In	Number of modules
1	4 240 00	32 A	3
1	4 240 01	40 A	3
1	4 240 02	63 A	3

Frame 2 - 160 A
Width: 1.5 module per pole

Pack	3P Cat.Nos	In	Number of modules
1	4 240 03	100 A	4.5
1	4 240 04	125 A	4.5
1	4 240 05	160 A	4.5

Additional poles (neutral) for switch - disconnectors

To be clipped onto left or right side of a 3-pole switch-disconnectors
Maximum 1 additional pole per switch

For frame 1 switch-disconnectors

Pack	1P Cat.Nos	In	Number of modules
1	4 242 04	32 A	1
1	4 242 05	40 A	1
1	4 242 06	63 A	1

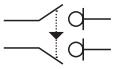
For frame 2 switch-disconnectors

Pack	Cat.Nos	In	Number of modules
1	4 242 19	100 A	1.5
1	4 242 20	125 A	1.5
1	4 242 21	160 A	1.5

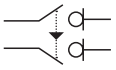
Transfer switching equipment

Category of use: AC33 A/B (415 V~)
Internal mechanism is independent from the velocity of handle rotation
Padlockable handle in open position (Ø 6 mm padlock)
Cage terminals
Accept copper and aluminium cables
Can be equipped with up to 4 auxiliary contacts (Cat.No 4 242 08), 2 contacts on each side

Frame 1 - 63 A
Width: 1 module per pole

Pack	3P Cat.Nos	4P Cat.Nos	In	Position of the handle	Connection	Number of modules 3P	Number of modules 4P
1	4 241 00	4 241 06	32 A	I - O - II		6	8
1	4 241 01	4 241 07	40 A	I - O - II		6	8
1	4 241 02	4 241 08	63 A	I - O - II		6	8

Frame 2 - 160 A
Width: 1.5 module per pole

Pack	3P Cat.Nos	4P Cat.Nos	In	Position of the handle	Connection	Number of modules 3P	Number of modules 4P
1	4 241 03	4 241 09	100 A	I - O - II		9	12
1	4 241 04	4 241 46	125 A	I - O - II		9	12
1	4 241 05	4 241 47	160 A	I - O - II		9	12

Auxiliary contacts (NO+NC)

For DSX switch-disconnectors and transfer switching equipment
5 A - 230 V~
Can be mounted on both sides of the switches
Maximum 4 auxiliaries per switch (2 on each side)
Width: 0.5 modules

Pack	Cat.Nos	Connection
1	4 242 08	

Simultaneous auxiliary
Indicates the state of the contacts

Red catalogue numbers: New products

DSX switch-disconnectors and transfer switching equipment - ⌐ rail mounting version - accessories

4 242 15

4 242 16

4 242 02

4 242 00

Pack	Cat.Nos	
		Rotary handles
		For front operation
		Direct handles for switch-disconnectors
1	4 242 15	Standard (black)
1	4 242 16	For emergency use (red)
		Direct handles for transfer switching equipment
1	4 242 17	Standard (black)
1	4 242 18	For emergency use (red)
		Vari-depth handles for switch-disconnectors and transfer switching equipment
		IP 55 external handles
		Comprising: connection rod, bracket, self-adhesive drilling template, mounting accessories and door lock mechanism
		Padlockable in open position (up to 3 padlocks Ø 8 mm)
1	4 242 09	Standard (black)
1	4 242 10	For emergency use (red/yellow)
		Sealable terminal shields - IP 30
		For DSX switch-disconnectors and transfer switching equipment
		Set of 2
		For frame 1
1	4 242 03	For 1-pole switches
1	4 242 02	For 3-pole switches
		For frame 2
1	4 242 14	For 1-pole switches
1	4 242 13	For 3-pole switches
		Bridging links for transfer switching equipment
		For frame 1
1	4 242 00	For 3-pole switches. Set of 3
1	4 242 01	For 4-pole switches. Set of 4
		For frame 2
1	4 242 11	For 3-pole switches. Set of 3
1	4 242 12	For 4-pole switches. Set of 4

DSX switch-disconnectors and transfer switching equipment - technical characteristics

Technical characteristics

Switch-disconnectors

			Frame 1 - 63 A		
Rated current In (A)			32	40	63
Number of poles			3, 4		
Rated insulation voltage Ui (V)			690		
Rated impulse withstand voltage Uimp (kV)			8		
Degree of pollution			3		
Rated frequency (Hz)			50/60		
Dielectric strength 50 Hz 1 min (kV)			6		
Rated operational voltage (AC) Ue (V)			690		
Rated operational voltage (DC) Ue (V)			250		
Category of use IEC 60947-3:	AC 20 A/B	415 V~	32	40	63
	AC 21 A/B		32	40	63
	AC 22 A/B		32	40	63
	AC 23 A/B		32	40	63
	AC 20 A/B	500 V~	32	40	63
	AC 21 A/B		32	40	63
	AC 22 A/B		32	40	63
	AC 23 A/B		25	25	25
	AC 20 A/B	690 V~	32	40	63
	AC 21 A/B		32	40	63
	AC 22 A/B		25	25	25
	DC 20 A/B	250 V⎓	32	40	63
	DC 21 A/B		32	40	63
	DC 22 A/B		32	40	40
	DC 23 A/B		25	25	25
Short circuit making capacity Icm (kA)			2,1 peak		
Maximal withstand peak current (while protection breaks short circuit) (kA)			3 kArms at 415 V with DRX 125 A MCCB		
Short time withstand current (1 s) Icw (kA)			1,5		
Mechanical endurance (No. of operations)			12000		
Electrical endurance (No. of operations)			2000		
Rated Ambient temperature Ta (°C)			40/50		
Operating temperature range (°C)			-25/+70		
Storage temperature range (°C)			-25/+70		
Terminal type			Cage		
Maximal copper or aluminium cable mm²			25		

Transfer switching equipment

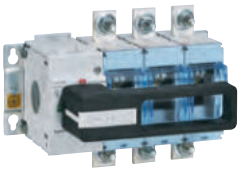
			Frame 1 - 63 A		
Rated current In (A)			32	40	63
Number of poles			3, 4		
Rated insulation voltage Ui (V)			690		
Rated impulse withstand voltage Uimp (kV)			8		
Degree of pollution			3		
Rated frequency (Hz)			50/60		
Dielectric strength 50 Hz 1 min (kV)			6		
Rated operational voltage (AC) Ue (V)			690		
Rated operational voltage (DC) Ue (V)			250		
Category of use IEC 60947-3:	AC 20 A/B	415 V~	32	40	63
	AC 21 A/B		32	40	63
	AC 22 A/B		32	40	63
	AC 23 A/B		32	40	63
	AC 20 A/B	500 V~	32	40	63
	AC 21 A/B		32	40	63
	AC 22 A/B		32	40	63
	AC 23 A/B		25	25	25
	AC 20 A/B	690 V~	32	40	63
	AC 21 A/B		32	40	63
	AC 22 A/B		25	25	25
	DC 20 A/B	250 V⎓	32	40	63
	DC 21 A/B		32	40	63
	DC 22 A/B		32	40	40
	DC 23 A/B		25	25	25
Category of use IEC 60947-6-1:	AC 31 B	415 V~	32	40	63
	AC 32 B		32	40	63
	AC 33 B		32	40	63
	AC 31 B	690 V~	32	40	63
	AC 32 B		32	40	63
	AC 33 B		32	40	40
Short circuit making capacity Icm (kA) IEC 60947-3			2,1 peak		
Short circuit making capacity Icm (kA) IEC 60947-6-1			2,1 peak		
Maximal withstand peak current (while protection breaks short circuit) (kA)			3 kArms at 415 V with DRX 125 A MCCB		
Short time withstand current (1 s) Icw (kA)			1,5		
Short time withstand current (100 ms, 415 V) Icw (kA) IEC 60947-6-1			5 kA for 30 ms		
Mechanical endurance (No. of operations)			10000		
Electrical endurance (No. of operations)			2000		
Rated Ambient temperature Ta (°C)			40/50		
Operating temperature range (°C)			-25/+70		
Storage temperature range (°C)			-25/+70		
Terminal type			Cage		
Maximal copper or aluminium cable mm²			25		

Technical information for Frame 2 DSX ⌐ rail mounting
Please, consult us

Red catalogue numbers: New products

DSX switch-disconnectors and transfer switching equipment

fixing on plate


4 240 12 + 4 242 30

4 240 25 + 4 242 30

4 241 15 + 4 242 30

4 241 22 + 4 242 30

4 242 45

4 242 44

4 242 32

4 242 31

Technical characteristics see opposite
Dimensions **p. 241**

Switch-disconnectors and transfer switching equipment to be equipped with a rotary direct or vari-depth handle. Front operated
Conform to IEC 60947-3 and IEC 60947-6-1
Can be mounted on plate in XL³ S enclosures

Switch-disconnectors

Safety switch-disconnectors for on-load circuit breaking by visible isolation and positive actions of the contacts
Category of use: AC23 A/B (415 V~),
Padlockable in open position
(up to 3 padlocks Ø 8 mm)
Integrated pop-up indicators to signal the state of the contacts (''ON'' when indicator is visible). Connection with lugs: copper and aluminium cables
Can be equipped with terminal shields, insulated shields (phase barriers) and key lock in open position (Cat.No 4 242 34)
Accept up to 2 auxiliary contacts
(1 simultaneous auxiliary contact and 1 early make/break auxiliary contact)

Frame 1 - 160 A

Pack	Cat.Nos 3P	Cat.Nos 4P	In
1	4 240 10	4 240 13	100 A
1	4 240 11	4 240 14	125 A
1	4 240 12	4 240 15	160 A

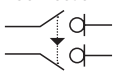
Frame 2 - 320 A

Pack	Cat.Nos 3P	Cat.Nos 4P	In
1	4 240 20	4 240 23	200 A
1	4 240 21	4 240 24	250 A
1	4 240 22	4 240 25	320 A

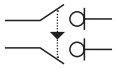
Transfer switching equipment

Safety transfer switching equipment for on-load circuit breaking by visible isolation and positive actions of the contacts
Category of use: AC33 A/B (415 V~)
Padlockable in open position
(up to 3 padlocks Ø 8 mm)
Integrated pop-up indicators to signal the state of the contacts. Connection with lugs: copper and aluminium cables
Can be equipped with terminal shields, insulated shields (phase barriers), inter source barriers, bridging links and key lock in open position (Cat.No 4 242 34)
Accept up to 4 auxiliary contacts
(2 simultaneous auxiliary contacts and 2 early Make/Break auxiliary contacts)

Frame 1 - 160 A

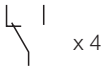
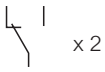
Pack	Cat.Nos 3P	Cat.Nos 4P	In	Position of the handle	Connection
1	4 241 10	4 241 13	100 A	I - O - II	
1	4 241 11	4 241 14	125 A	I - O - II	
1	4 241 12	4 241 15	160 A	I - O - II	

Frame 2 - 320 A

Pack	Cat.Nos 3P	Cat.Nos 4P	In	Position of the handle	Connection
1	4 241 20	4 241 23	200 A	I - O - II	
1	4 241 21	4 241 24	250 A	I - O - II	
1	4 241 22	4 241 25	320 A	I - O - II	

Auxiliary contacts (NO+NC)

For DSX switch-disconnectors and transfer switching equipment
5 A - 230 V~
Maximum number of auxiliaries:
- Switch-disconnectors: 1 simultaneous auxiliary contact + 1 early make/break auxiliary contact
- Transfer switching equipment:
2 simultaneous auxiliary contacts + 2 early make/break auxiliary contacts

Pack	Cat.Nos		Connection
1	4 242 45	Simultaneous auxiliary 4(NO+NC) Indicates the state of the contacts Dimensions (W x H x D): 12 x 69 x 60.5 mm	 x 4
1	4 242 44	Early Make/Break auxiliary 1 early make (NO+NC) 1 early break (NO+NC) Indicates the position of the handle	 x 2

Rotary handles

For DSX switch-disconnectors and transfer switching equipment
For front operation
Padlockable in open position (up to 3 padlocks Ø 8mm)

Direct handles

Pack	Cat.Nos	
1	4 242 30	Standard (black)
1	4 242 32	For emergency use (red/yellow)

Vari-depth handles
IP 55 external handles
Comprising: connection rod, coupler, self-adhesive drilling template, mounting accessories and door lock mechanism

Pack	Cat.Nos	
1	4 242 31	Standard (black)
1	4 242 33	For emergency use (red/yellow)

Red catalogue numbers: New products

DSX switch-disconnectors and transfer switching equipment - fixing on plate version - accessories

4 242 34

4 242 46

4 242 50

4 242 52

4 242 53

4 242 49

Pack	Cat.Nos	
		Locking accessory
1	4 242 34	Direct key lock Comprising: keylock assembly and Ronis type key (random)
		Sealable terminal shields - IP 40
		For DSX switch-disconnectors and transfer switching equipment
		For frame 1
1	4 242 46	For 3-pole switches
1	4 242 47	For 4-pole switches
		For frame 2
1	4 242 35	For 3-pole switches
1	4 242 36	For 4-pole switches
		Insulated shields (phase barriers)
		For DSX switch-disconnectors and transfer switching equipment For isolating the connections between each pole Flexible thermoplastic - PVC
		For frame 1
1	4 242 50	For 3-pole switches. Set of 4
1	4 242 51	For 4-pole switches. Set of 6
		For frame 2
1	4 242 42	For 3-pole switches. Set of 4
1	4 242 43	For 4-pole switches. Set of 6
		Inter source barriers for transfer switching equipment
		Source separators to prevent accidental contacts
1	4 242 52	For frame 1
1	4 242 39	For frame 2
		Spreaders
		For DSX switch-disconnectors and transfer switching equipment Incoming/outgoing spreaders supplied with U clamps For easier connection of copper and aluminium cables
		For frame 1
1	4 242 53	For 3-pole switches. Set of 3
1	4 242 54	For 4-pole switches. Set of 4
		For frame 2
1	4 242 37	For 3-pole switches. Set of 3
1	4 242 38	For 4-pole switches. Set of 4
		Bridging links for transfer swithing equipment
		For frame 1
1	4 242 48	For 3-pole switches. Set of 3
1	4 242 49	For 4-pole switches. Set of 4
		For frame 2
1	4 242 40	For 3-pole switches. Set of 3
1	4 242 41	For 4-pole switches. Set of 4

DSX switch-disconnectors and transfer switching equipment - technical characteristics

Technical characteristics

Switch-disconnectors

			Frame 1 - 160 A			Frame 2 - 320 A		
Rated current In (A)			100	125	160	200	250	320
Number of poles			3, 4			3, 4		
Rated insulation voltage Ui (V)			1000			1000		
Rated impulse withstand voltage Uimp (kV)			8			12		
Degree of pollution			3			3		
Rated frequency (Hz)			50/60			50/60		
Dielectric strength 50 Hz 1 min (kV)			8			12		
Rated operational voltage (AC) Ue (V)			690			690		
Rated operational voltage (DC) Ue (V)			250			250		
Category of use IEC 60947-3:	AC 20 A/B	415 V~	100	125	160	200	250	320
	AC 21 A/B		100	125	160	200	250	320
	AC 22 A/B		100	125	160	200	250	320
	AC 23 A/B		100	125	160	200	250	320
	AC 20 A/B	690 V~	100	125	160	200	250	320
	AC 21 A/B		100	125	160	200	250	320
	AC 22 A/B		100	125	160	200	250	320
	AC 23 A/B		100	125	125	200	250	250
	DC 20 A/B	250 V⎓	100	125	160	200	250	320
	DC 21 A/B		100	125	160	200	250	320
	DC 22 A/B		100	125	160	200	250	320
	DC 23 A/B		100	125	125	200	250	250
Short circuit making capacity Icm (kA)			14 peak			25 peak		
Maximal withstand peak current (while protection breaks short circuit) (kA)			25 kArms with DPX³ 160 at 415 V			50 kArms with DPX³ 630 at 415 V		
Short time withstand current (1 s) Icw (kA)			8			12.5		
Mechanical endurance (No. of operations)			10000			10000		
Electrical endurance (No. of operations)			2500			2000		
Rated Ambient temperature Ta (°C)			40/50			40/50		
Operating temperature range (°C)			-25/+70			-25/+70		
Storage temperature range (°C)			-25/+70			-25/+70		
Temperature Withstand range (°C)			-50/+70			-50/+70		
Terminal type			Extended			Extended		
Maximum copper lug/bar size (thickness/width) (mm)		Cu	3/20			4/30		
		Al	2 x 3/20			2 x 4/30		

Transfer switching equipment

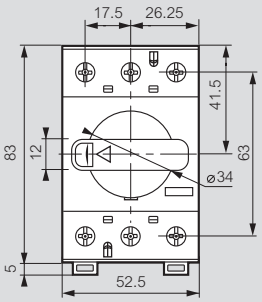
			Frame 1 - 160 A			Frame 2 - 320 A		
Rated current In (A)			100	125	160	200	250	320
Number of poles			3, 4			3, 4		
Rated insulation voltage Ui (V)			1000			1000		
Rated impulse withstand voltage Uimp (kV)			8			12.5		
Degree of pollution			3			3		
Rated frequency (Hz)			50/60			50/60		
Dielectric strength 50 Hz 1 min (kV)			8			10		
Rated operational voltage (AC) Ue (V)			690			690		
Rated operational voltage (DC) Ue (V)			250			250		
Category of use IEC 60947-3:	AC 20 A/B	415 V~	100	125	160	200	250	320
	AC 21 A/B		100	125	160	200	250	320
	AC 22 A/B		100	125	160	200	250	320
	AC 23 A/B		100	125	160	200	250	320
	AC 20 A/B	690 V~	100	125	160	200	250	320
	AC 21 A/B		100	125	160	200	250	320
	AC 22 A/B		100	125	160	200	250	320
	AC 23 A/B		100	125	125	200	250	250
	DC 20 A/B	250 V⎓	100	125	160	200	250	320
	DC 21 A/B		100	125	160	200	250	320
	DC 22 A/B		100	125	160	200	250	320
	DC 23 A/B		100	125	125	200	250	250
Category of use IEC 60947-6-1:	AC 31 B	415 V~	100	125	160	200	250	320
	AC 32 B		100	125	160	200	250	320
	AC 33 B		100	125	160	200	250	320
	AC 31 B	690 V~	100	125	160	200	250	320
	AC 32 B		100	125	160	200	250	320
	AC 33 B		100	125	160	200	250	320
Short circuit making capacity Icm (kA)			14 peak			25 peak		
Maximal withstand peak current (while protection breaks short circuit) (kA)			25 kArms with DPX³ 160 at 415 V			50 kArms with DPX³ 630 at 415 V		
Short time withstand current (1 s) IEC 60947-3 Icw (kA)			8			12		
Mechanical endurance (No. of operations)			10000			10000		
Electrical endurance (No. of operations)			2500			2000		
Rated Ambient temperature Ta (°C)			40/50			40/50		
Operating temperature range (°C)			-25/+70			-25/+70		
Storage temperature range (°C)			-25/+70			-25/+70		
Terminal type			Extended			Extended		
Maximum copper lug/bar size (thickness/width) (mm)		Cu	3/20			4/30		
		Al	2 x 3/20			2 x 4/30		

Red catalogue numbers: New products

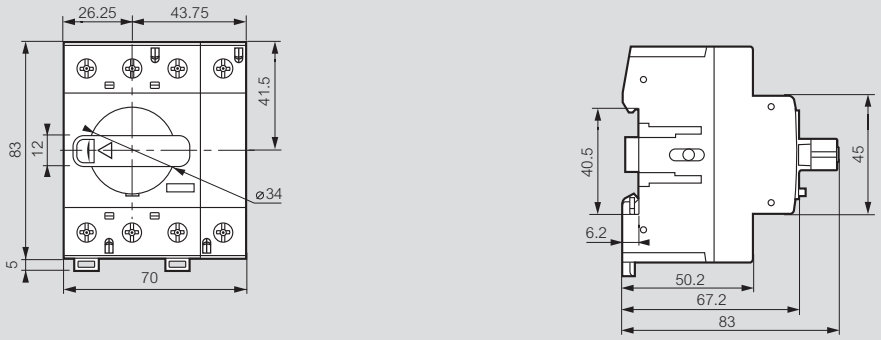
Dimensions (mm)

Switch-disconnectors

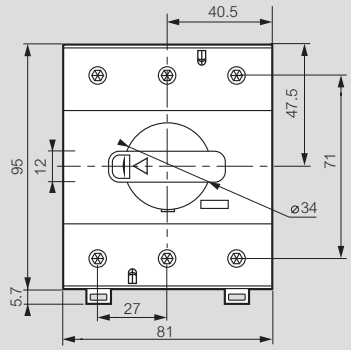
Frame 1, 3-pole Cat.Nos 4 240 00/01/02



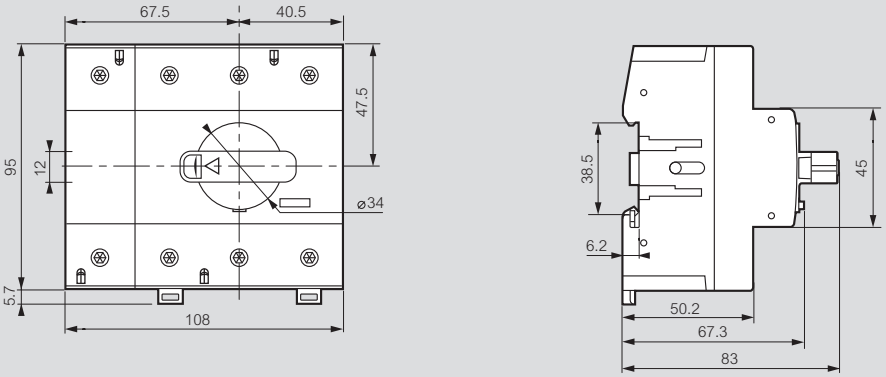
Frame 1, 3P+N with Cat.Nos 4 242 04/05/06



Frame 2, 3-pole Cat.Nos 4 240 03/04/05

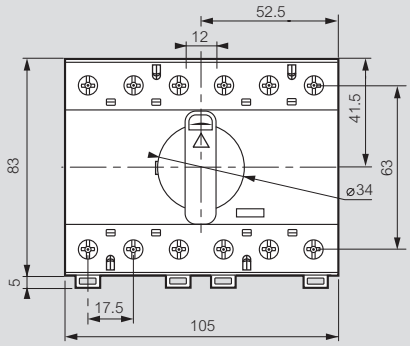


Frame 2, 3P+N with Cat.Nos 4 242 19/20/21

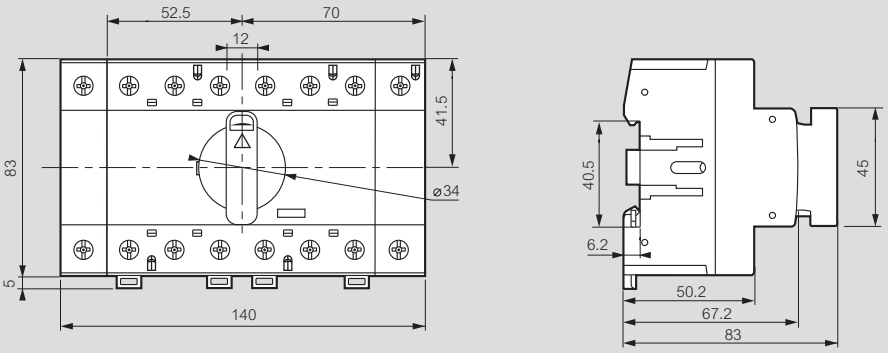


Transfer switching equipment

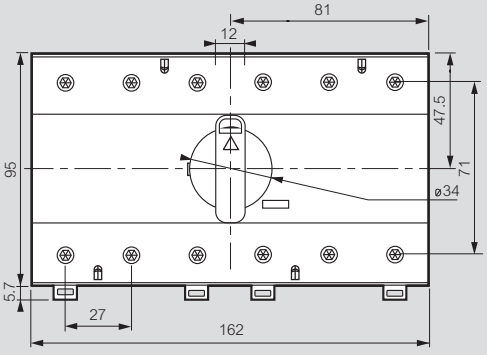
Frame 1, 3-pole, Cat.Nos 4 241 00/01/02



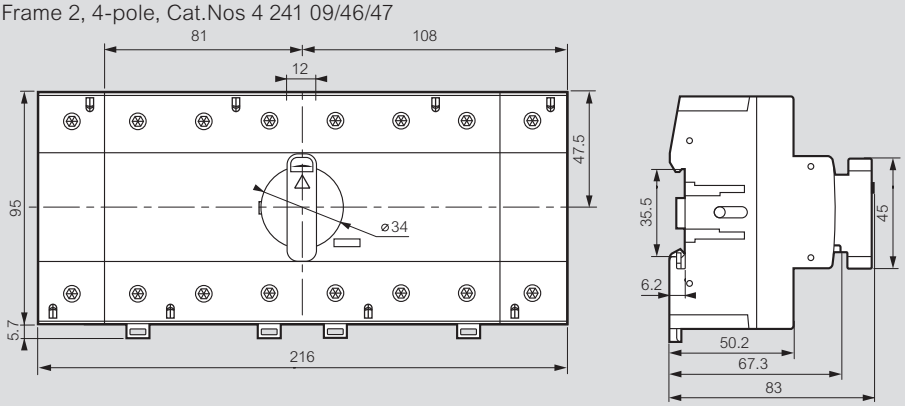
Frame 1, 4-pole, Cat.Nos 4 241 06/07/08



Frame 2, 3-pole, Cat.Nos 4 241 03/04/05



Frame 2, 4-pole, Cat.Nos 4 241 09/46/47



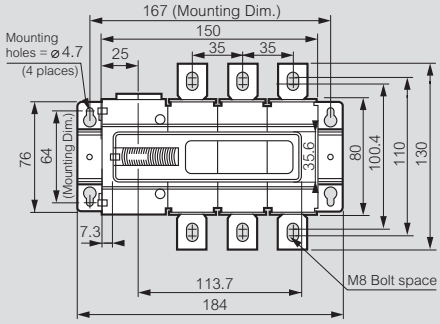
DSX switch-disconnectors and transfer switching equipment

fixing on plate

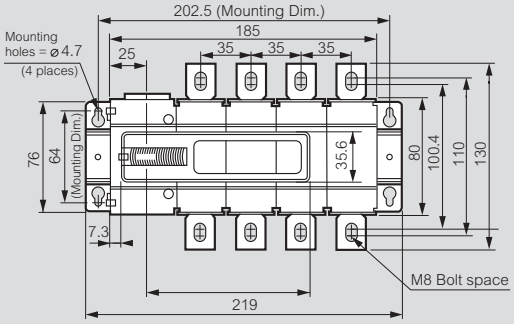
Dimensions (mm)

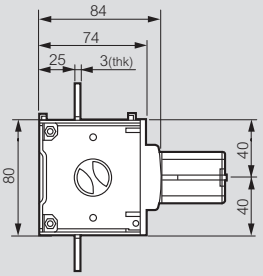
Switch-disconnectors

Frame 1, 3-pole Cat.Nos 4 240 10/11/12

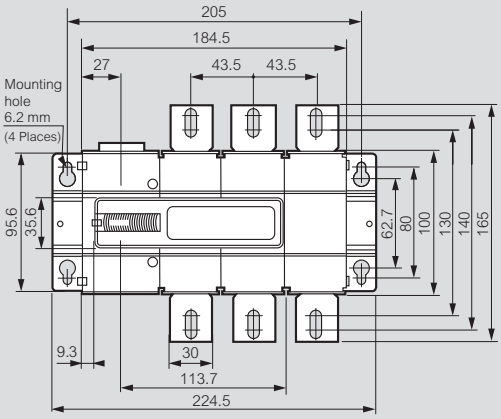


Frame 1, 4P Cat.Nos 4 240 13/14/15

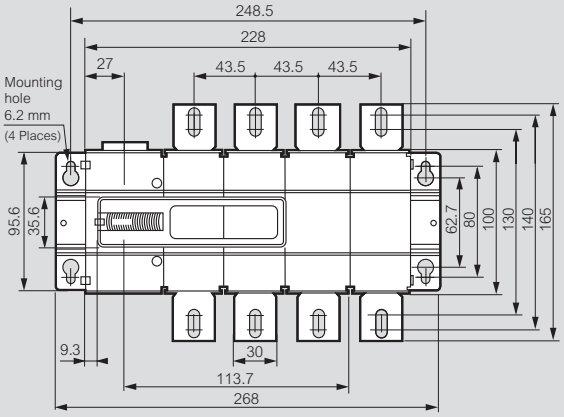


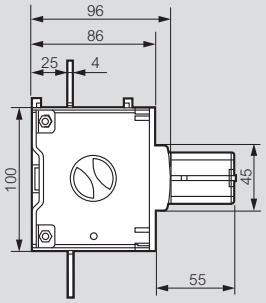


Frame 2, 3-pole Cat.Nos 4 240 20/21/22



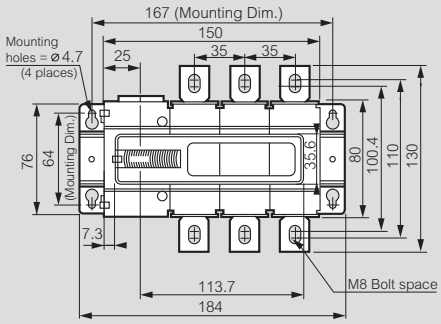
Frame 2, 4P Cat.Nos 4 240 23/24/25



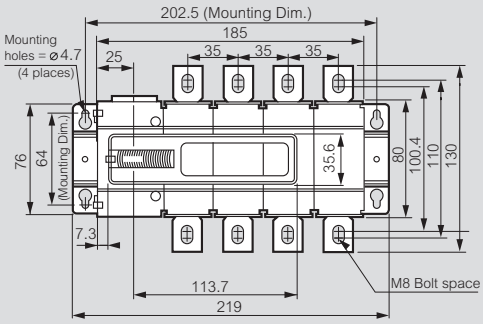


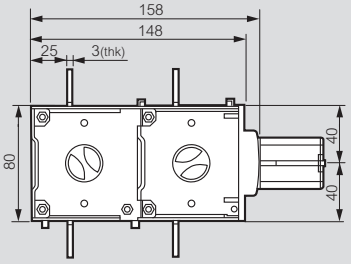
Transfer switching equipment

Frame 1, 3-pole, Cat.Nos 4 241 10/11/12

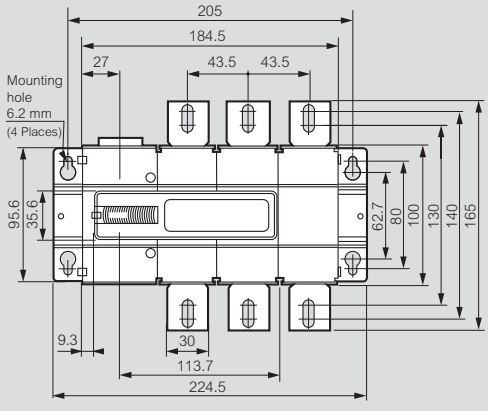


Frame 1, 4-pole, Cat.Nos 4 241 13/14/15

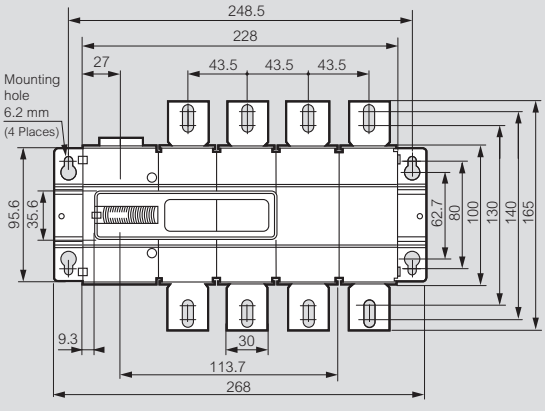


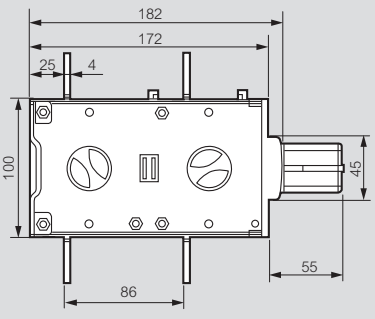


Frame 2, 3-pole, Cat.Nos 4 241 20/21/22



Frame 2, 4-pole, Cat.Nos 4 241 23/24/25

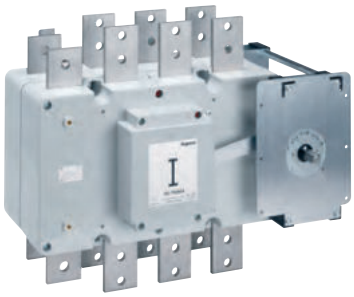




DCX-M changeover switches

from 400 A to 1600 A, auxiliaries and accessories

4 311 29



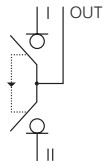
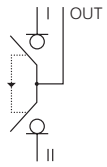
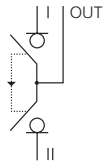
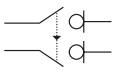
4 311 33

4 311 42

4 311 65

Technical characteristics **p. 245**

Conform to IEC EN 60947-3
Moulded case design with frame parts of non - flammable glass fibre reinforced polyester with high mechanical and electrical track resistance and with low water absorption
Knife - type contacts with self - wiping action on the contact surfaces, providing:
- under heavy starting currents or with short - circuit conditions, the contact pressure is increased
- shock and vibration proof contacts
Four breaking points per pole with two double - break contacts

Pack	Cat.Nos 3P	Cat.Nos 3P+N	Changeover switches	Intensity	Handle position	Connection
			Size 3			
			Connection with lugs			
1	4 311 08	4 311 28		400 A	I - O - II	
			Size 4			
			Connection with lugs			
1	4 311 09	4 311 29		630 A	I - O - II	
1	4 311 10	4 311 30		800 A	I - O - II	
			Size 5			
			Connection with lugs			
1	4 311 11	4 311 31		1000 A	I - O - II	
1	4 311 12	4 311 32		1250 A	I - O - II	
			Size 6			
			Connection with lugs			
1	4 311 13	4 311 33		1600 A	I - O - II	

Pack	Cat.Nos	Direct handles
		Black rotary handles
20	4 311 46	For DCX-M 400 A
1	4 311 47	For DCX-M 630 A and 800 A
5	4 311 48	For DCX-M 1000 A and 1250 A
2	4 311 49	For DCX-M 1600 A

Pack	Cat.Nos	External handles
		Black rotary handles Supplied with standard rod
1	4 311 41	For DCX-M 400 A
10	4 311 42	For DCX-M 630 A and 800 A
5	4 311 43	For DCX-M 1000 A and 1250 A
2	4 311 44	For DCX-M 1600 A

Pack	Cat.Nos	Extended shafts
		Replace the standard rods supplied with the external handles, when required by the door distance
10	4 311 51	For DCX-M 400 A
10	6 051 29	For DCX-M 630 A and 800 A
10	6 051 30	For DCX-M 1000 A and 1250 A

Pack	Cat.Nos	Safety key lock devices
		Simple lock devices
2	4 311 71	For DCX-M 400 A
2	4 311 72	For DCX-M 630 A and 800 A
2	4 311 73	For DCX-M 1000 A and 1250 A
2	4 311 74	For DCX-M 1600 A
		Double lock devices
2	4 311 76	For DCX-M 400 A
2	4 311 77	For DCX-M 630 A and 800 A
2	4 311 78	For DCX-M 1000 A and 1250 A
2	4 311 79	For DCX-M 1600 A

Pack	Cat.Nos	Auxiliary contacts
		For DCX-M between 40 and 1250 A
10	4 311 55	1 NO + 1 NC
10	4 311 56	2 NO + 2 NC
		For DCX-M 1600 A
10	4 311 57	1 NO + 1 NC
10	4 311 58	2 NO + 2 NC

Pack	Cat.Nos	Bridging links
3	4 311 62	For DCX-M 1600 A

Pack	Cat.Nos	Rear protective plates
5	4 311 65	For DCX-M 400 A
5	4 311 66	For DCX-M 630 A and 800 A
5	4 311 67	For DCX-M 1000 A and 1250 A

Pack	Cat.Nos	Mounting kits for DCX-M
		For vertical mounting in XL³ 4000 enclosures
1	0 211 23	For DCX-M 630 A and 800 A
1	0 211 24	For DCX-M 1000 A and 1250 A
1	0 211 25	For DCX-M 1600 A
		For horizontal mounting in XL³ 4000 enclosures
1	0 211 29	For DCX-M 630 A and 800 A

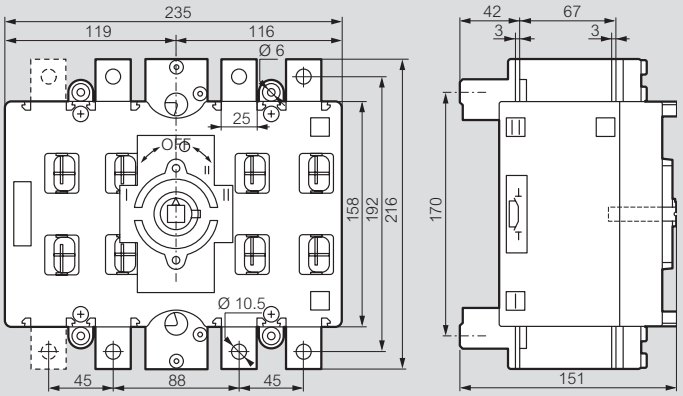
SPX³-V vertical fuse carriers
p. 265

DCX-M changeover switches

dimensions

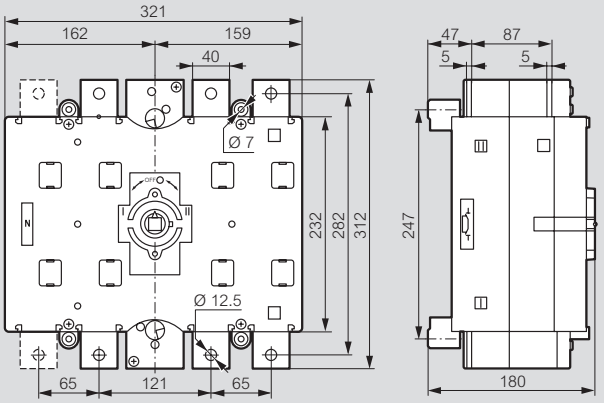
Size 3

3P Cat.No 4 311 08 and 3P+N Cat.No 4 311 28



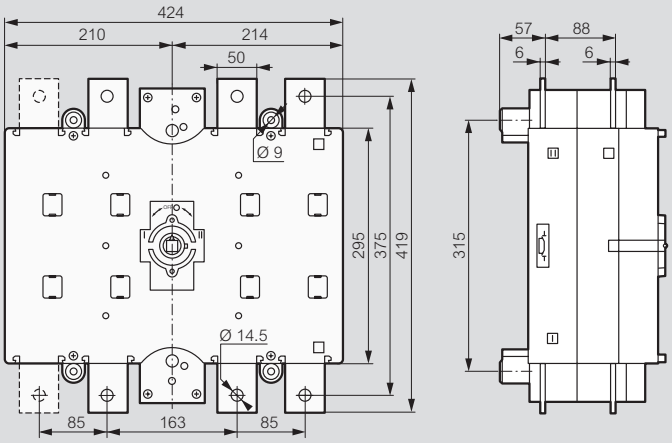
Size 4

3P Cat.Nos 4 311 09/10 and 3P+N Cat.Nos 4 311 29/30



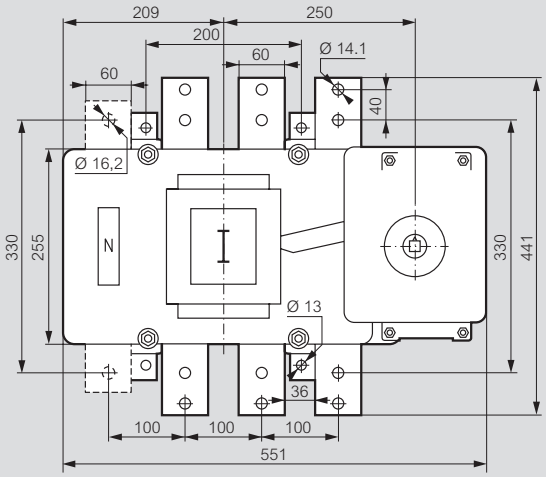
Size 5

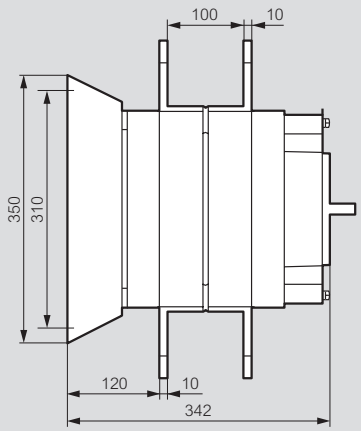
3P Cat.Nos 4 311 11/12 and 3P+N Cat.Nos 4 311 31/32



Size 6

3P Cat.No 4 311 13 and 3P+N Cat.No 4 311 33



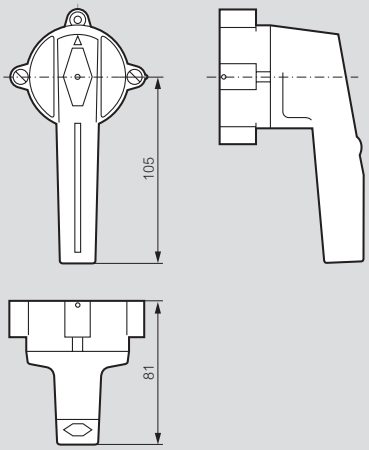


DCX-M direct handles

dimensions

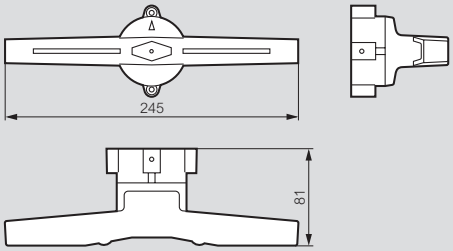
For DCX-M 400 A

Cat.No 4 311 46



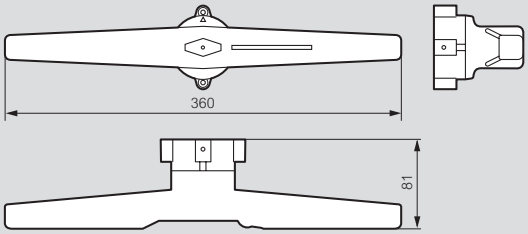
For DCX-M 630 and 800 A

Cat.No 4 311 47



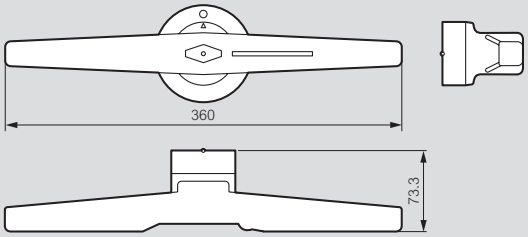
For DCX-M 1000 and 1250 A

Cat.No 4 311 48



For DCX-M 1600 A

Cat.No 4 311 49

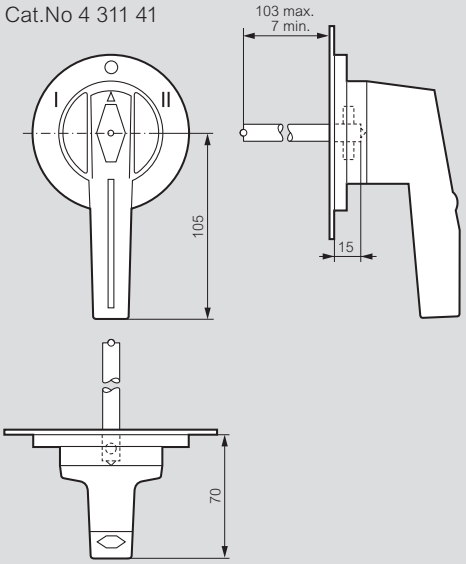


DCX-M external handles

dimensions

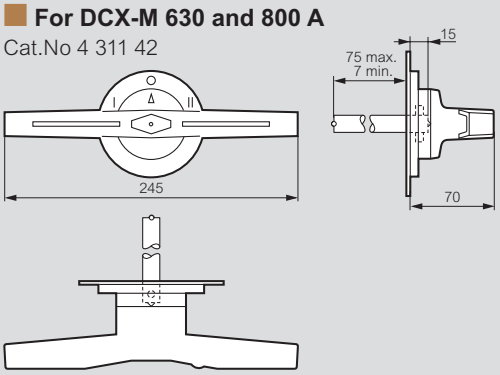
For DCX-M 400 A

Cat.No 4 311 41



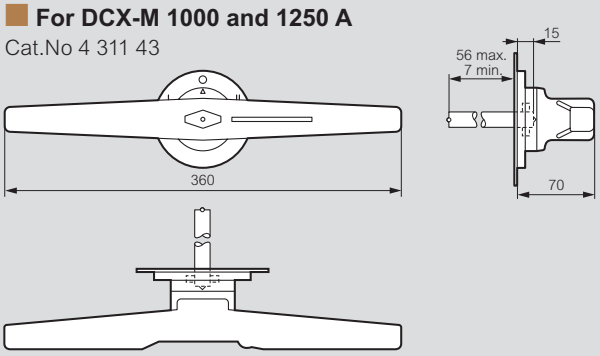
For DCX-M 630 and 800 A

Cat.No 4 311 42



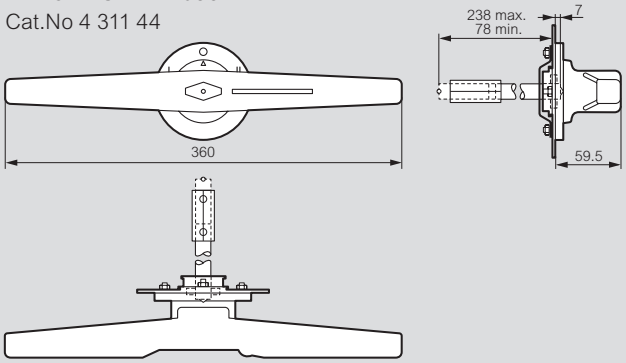
For DCX-M 1000 and 1250 A

Cat.No 4 311 43



For DCX-M 1600 A

Cat.No 4 311 44



DCX-M technical characteristics

Technical characteristics

According to IEC / EN 60947-3			400 A	630 A	800 A	1000 A	1250 A	1600 A
Rated thermal current Ith (A)	Ambient temperature	40 °C	400	630	800	1000	1250	1600
		50 °C	-	-	-	-	-	1600
		65 °C	-	-	-	-	-	1600
Rated thermal current in enclosure Ithe (A)			400	630	800	1000	1250	-
Rated insulation voltage Ui (V)			1000	1000	1000	1000	1000	1000
Rated dielectric strength (V)		50 Hz 1 min.	6000	8000	8000	8000	8000	10000
Rated impulse withstand voltage Uimp (kV)			8	12	12	12	12	12
AC rated operational current[1] at 50/60 Hz Ie (A)	400 V	AC21A	400	630	800	1000	1250	1600
		AC22A	400[7]	630	800[7]	1000	1250[7]	1600
		AC23A	250	500	630	1000	1250	1000
	500 V	AC21A	400	630	800	1000	1250	1600
		AC22A	400[7]	630	800[7]	1000	1250[7]	1250
		AC23A	200	315	400	800	1000	900
	690 V	AC20A	-	-	-	-	-	1600
		AC21A	400	630	800	1000	1250	1600
		AC22A	315[7]	500	630[7]	800	1000[7]	1000
		AC23A	160	250	315	630	800	630
	800 V	AC20A	400	630	800	1000	1250	1600
	1000 V	AC20A	-	630	800	1000	1250	1600
DC rated operational current[2] Ie (A)	48 V	DC23A (II)	-	-	-	-	-	2000
	110 V	DC21A (II)	-	-	-	-	-	1600
		DC23A (I)	-	-	-	-	-	1600
	230 V	DC21A (I)	-	-	-	-	-	1600
		DC23A (I)	-	-	-	-	-	1000
	400 V	DC21A (I)	-	-	-	-	-	1600
		DC23A (I)	-	-	-	-	-	800
	500 V	DC20A (II)	-	-	-	-	-	2500
		DC23A (I)	-	-	-	-	-	800
AC rated operational power[3] Pe (kW)	3 x 230 V	AC23A	-	-	-	-	-	318.6
	3 x 400 V	AC23A	125	250	315	501	626	554.2
	3 x 500 V	AC23A	125	197	250	501	626	623.5
	3 x 690 V	AC23A	138	216	272	544	691	602.3
Rated capacitor power (kVAr)	400 V		166	262	333	416	520	450.3
Rated breaking capacity (A)	400 V	AC23	2000	4000	4000	8000	10000	8000
Rated making capacity (A)	400 V	AC23	2500	5000	5000	10000	12500	10000

Short-circuit behaviour

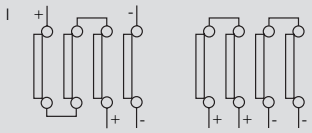
			400 A	630 A	800 A	1000 A	1250 A	1600 A
Short - circuit making capacity[4] - peak value Icm (kA)			12	20	20	32	32	75
Short - time withstand current - 1 sec Icw (kA ms)			8	13	13	25	25	50
Conditional short - circuit current rms value[5] (kA ms)			-	-	-	-	-	-
Maximum cut - off current (peak value)			-	-	-	-	-	-
Maximum power dissipation I²t (A2/s x 103)			-	-	-	-	-	-
Minimum number of mechanical operations[6] (Cycles)			10000	10000	10000	10000	10000	10000
Minimum number of electrical operations[6] (Cycles)	400 V	AC23	-	-	-	-	-	500
		AC22A	200[7]	1000	100[7]	500	100[7]	
Maximum weight (kg)		3P	5	11.5	11.9	22.5	24.3	42.9
		4P	5.5	12.6	13.2	25	27.3	47.3

Connecting capacity

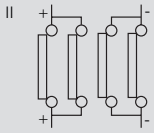
			400 A	630 A	800 A	1000 A	1250 A	1600 A
Rigid cable	Cu	mm²	240	2 x 240	2 x 240	-	-	-
Bar	Thickness / Wid	mm	2 x 5 / 30	2 x 6 / 45	2 x 6 / 45	2 x 10 / 60	2 x 10 / 60	2 x 7 / 80
Tightening torque		Nm	24	45	45	55	55	55

1: Other voltages and / or utilization categories: please consult us
2: For series (I) or Parallel (II) connection of 4P switches, see diagrams
3: Indicative values: current values vary from one motor manufacturer to another
4: Without limiting protective device (short - circuit maintained 50... 100 ms)
5: With a protective device limiting the cut - off current and the joule integral to the indicated values
6: Please consult us for more operations
7: Rated operational current AC22B

Series connection of 4P switches up to up to 160 A (DC)



Parallel connection of 4P switches up to up to 160 A (DC)



Vistop™ isolating switches

32 A to 160 A

0 225 05

0 225 15

Dimensions **p. 247**

Safety switches for on-load circuit breaking by visible isolation of the contacts
Double break type load switching with self cleaning contacts by rapid make and break movements
Fixing on rail ⊔ EN 60715 or screw fixing (only on rail for Vistop 63 A)
Padlockable handle in open position: 1 to 3 padlocks Cat.No 0 227 97 (p. 75)
2 versions for mounting on faceplate:
• right side handle, supplied with seal to maintain the IP protection for the enclosures (up to IP 55), screws, self adhesive drilling template, extension rod (30 to 170 mm) for creating an external angle
• direct front handle or external (for Vistop 63 to 160 A)

32 A

Pack	Cat.Nos Front handle	Cat.Nos Side handle		Connection	No of 17.5 mm modules
1	0 224 98	0 225 03	2P	16 mm² cage terminals	4 + 3.5
1	0 225 00	0 225 05	3P		4 + 3.5
1	0 225 02	0 225 07	4P		5 + 4.5

63 to 160 A

Possibility to add auxiliary contact Cat.No 0 227 07

Pack	Front handle	Side handle		Connection	No of 17.5 mm modules
63 A					
1	0 225 12	0 225 16	3P	cage terminals	7
1	0 225 15	0 225 18	4P		7
100 A					
1	0 225 20	0 225 25	3P	key 6 sides	7.5
1	0 225 22	0 225 27	4P		9
125 A					
1	0 225 34	0 225 44	3P	key 6 sides	7.5
1	0 225 39	0 225 46	4P		9
160 A					
1	0 225 51	0 225 54	3P	key 6 sides	7.5
1	0 225 53	0 225 56	4P		9

Accessories

Pack	Cat.Nos		Connection (mm²)
1	0 227 32	**Front external handle for Vistop 63 to 160 A** Comprising: connection rod, bracket, self-adhesive drilling template, fixing accessories (including a seal to maintain the IP protection of enclosure up to IP 55) and locking mechanism to prevent opening of the door when the circuit is closed Door distance 35 to 470 mm	
1	0 227 04	**Auxiliary signalling contacts** IP 2X - 5 A - 250 V To be fitted inside Vistop isolating switches Main contact NO + NC	lug 2.58
1	0 227 07	Additional contact NO + NC To be fitted on main contact Cat.No 0 227 04 in order to obtain 2 NO + 2 NC	lug 2.58

Vistop™ isolating switches

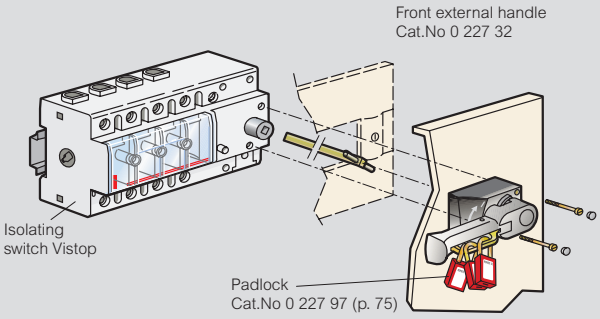
32 A to 160 A

Conform to standards EN / IEC 60947-3, BS EN 60947-3, VDE 0660, NBN EN 60947-3, CNOMO E03 - 15-611 R
Glass fibre reinforced insulating casing, self-extinguishing at 960 °C (IEC EN 60695-2-1)
Handle can be padlocked in open position using 1 to 3 padlocks Ø6 mm

Electrical characteristics

Thermal rating (Ith)		32 A	63 A	100 A	125 A	160 A
Terminals		cage	cage	cage	cage	cage
Connection	Cu (flexible)	4 to 35²		4 to 35²		
	Cu (rigid)	4 to 50²		4 to 70²		
Insulating voltage (Ui)		690 V~	690 V~	690 V~	690 V~	800 V~
Impulse resistant voltage (Uimp)		8 kV	8 kV	8 kV	8 kV	8 kV
AC 22 A(1)	400 V	32 A (17 kW)	63 A (35 kW)	100 A (55 kW)	125 A (70 kW)	160 A (88 kW)
AC 23 A(1)	500 V	32 A (20 kW)(2) 20 A (14 kW)	63 A (44 kW)	100 A (69 kW)	125 A (87 kW)	160 A (110 kW)
	690 V	-	40 A (38 kW)	100 A (96 kW)	125 A (120 kW)	125 A (120 kW)
DC 22 A/250 V(1)(3)		*	100	125	125	
DC 23 A/250 V(1)(3)		*	100	125	125	
Breaking capacity (Icu) (kA peak)		5	15	15	15	15
1 s resistant current (kA rms) (Icw)		0.5	2.5	3.5	3.5	3.5
Icc with fuses (kA rating)		100	100	100	100	80
Fuse rupture capacity		32 A (gG) 20 A (aM)	63 A	100 A (gG) 63 A (aM)(4)	125 A (gG) 125 A (aM)(4)	160 A (gG) 125 A (aM)
Short circuit capacity (kA prospective peak) (Icm)		0.75	7	12	12	12
Mechanical endurance (No of operations)		> 10000	> 30000	> 30000	> 30000	> 30000
Index of protection		IP 2X (16 mm² IP 3X under front plat)	IP 2X B (IP 3X C under front plates) from 6 mm²	IP 2X B (IP 3X C under front plate) from 10 mm²		

Example of mounting with Vistop 100 to 160 A



1: Test according to IEC 60947-3
AC 22 A / DC 22 A: resistive motor breaking
AC 23 A / DC 23 A: inductive motor breaking
2: 32 A (20 kW) for AC 22 A
20 A (14 kW) for AC 23 A
3: No of breaking contacts: 2
4: 100 A (aM) with blade type cartridge fuses

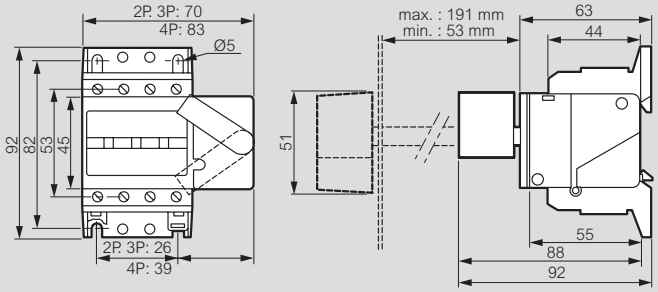
Vistop™ isolating switches

32 A to 160 A

Dimensions

Front handle

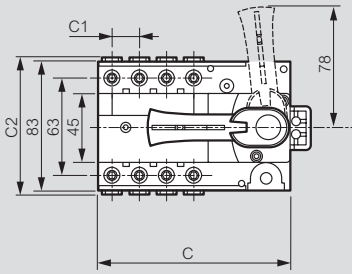
• 32 A Cat.Nos 0 224 98 - 0 225 00/02



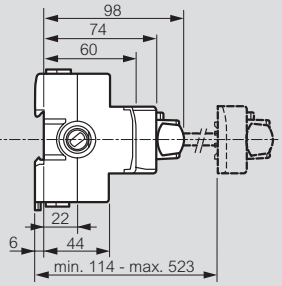
	2P	3P	4P
Weight (kg)	0.220	0.240	0.290

• 63 A to 160 A

Direct



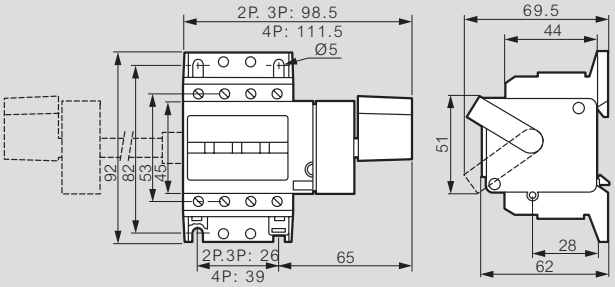
External



	Front handle		
	63 A	100 A, 125 A, 160 A	
	3P and 4P	3P	4P
C	125	133	160
C_1	17.7	26.7	
C_2	90	91	

Side handle

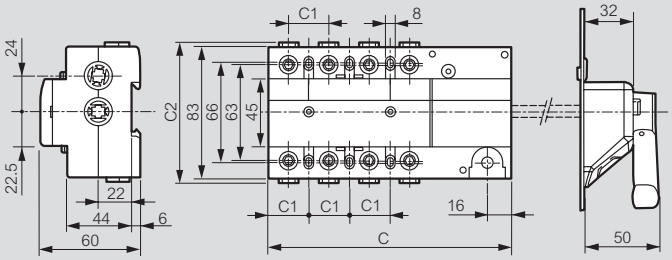
• 32 A Cat.Nos 0 225 03/05/07



	2P	3P	4P
Weight (kg)	0.300	0.320	0.370

Mounting on rail ⊔ or with 4 x M5 screws

• 63 A to 160 A



	External side handle		
	63 A	100 A, 125 A, 160 A	
	3P and 4P	3P	4P
C	125	133	160
C_1	17.7	26.7	
C_2	90	91	

DPX™-IS 250 isolating switches

63 A to 250 A

0 266 37

0 266 47

Dimensions **p. 249**
Electrical characteristics **p. 254**

Isolating switches for on-load circuit breaking by visible isolation and positive action of the contacts
Padlock integrated in the handle
Connection with cage terminals
Supplied with terminal shields
Conform to IEC 60947-3
Category of use AC 23 A
Accept electrical auxiliaries (p. 252)
Can be mounted on rail ⊔ or on plate in XL³ and XL³ S enclosures

Pack	Cat.Nos 3P	Cat.Nos 4P	DPX-IS with release
			Can be associated with a residual current relay with separate coils (p. 185), supplied without shunt trip
			Front handle
1	0 266 30	0 266 34	63 A
1	0 266 31	0 266 35	100 A
1	0 266 32	0 266 36	160 A
1	0 266 33	0 266 37	250 A
			Right-hand side handle
1	0 266 40	0 266 44	63 A
1	0 266 41	0 266 45	100 A
1	0 266 42	0 266 46	160 A
1	0 266 43	0 266 47	250 A
			Left-hand side handle
1	0 266 50	0 266 54	63 A
1	0 266 51	0 266 55	100 A
1	0 266 52	0 266 56	160 A
1	0 266 53	0 266 57	250 A

Pack	Cat.Nos 3P	Cat.Nos 4P	DPX-IS without release
			Front handle
1	0 266 02	0 266 06	160 A
1	0 266 03	0 266 07	250 A
			Right-hand side handle
1	0 266 12	0 266 16	160 A
1	0 266 13	0 266 17	250 A
			Left-hand side handle
1	0 266 22	0 266 26	160 A
1	0 266 23	0 266 27	250 A

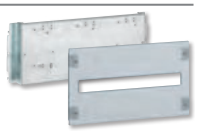
Pack	Cat.Nos	Mounting on rail ⊔
		Rail ⊔ fixing plate
1	0 262 39	For DPX-IS 250

Pack	Cat.Nos	Rotary handles
		Direct for emergency use For mounting instead of standard handle
1	0 266 89	Front and right-hand side handle
1	0 266 90	Left-hand side handle
		Vari-depth handle IP 55 Comprising: connecting rod, bracket, self-adhesive drilling template, fixing accessories (seal to maintain the IP protection up to IP 55, door lock mechanism)
1	0 266 86	For front and side handle device
1	0 266 87	For front and side handle device for emergency use To be ordered with Cat.Nos 0 266 89 or 0 266 90

Pack	Cat.Nos 3P	Cat.Nos 4P	Accessories
			Cage terminals
1	0 262 88[1]		Set of 4
			Spreaders
1	0 273 22		Set of upstream and downstream spreaders
			Rear terminals Used to convert the fixed version with front terminals to the fixed version with rear terminals
1	0 265 10	0 265 11	Set of upstream and downstream rear terminals
			Terminal shields
1	0 262 87		Set of 2
			Padlock For locking mechanism in open position (factory assembled)
1	0 266 92		Padlock with flat key N° ABA90GEL6149

1: Can not be mounted on side by side mounted earth leakage modules 160 A

XL³ mounting accessories, **p. 384**

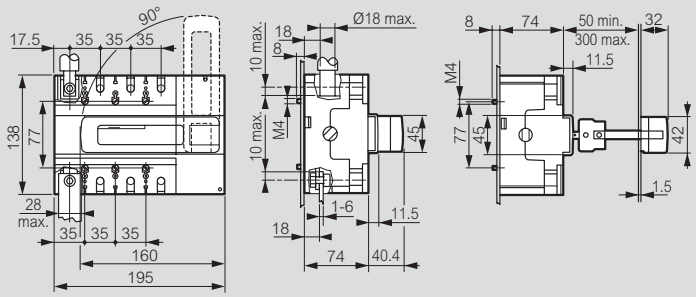


DPX™-IS 250 isolating switches

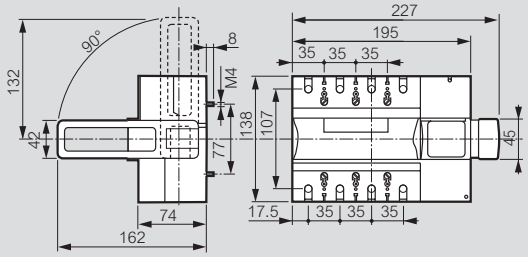
63 A to 250 A

Dimensions

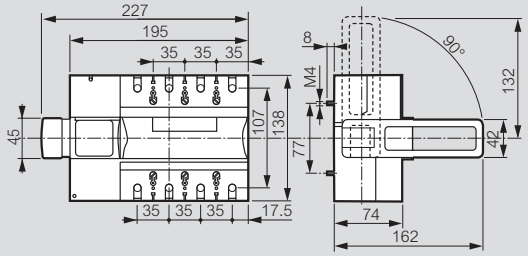
Front handle



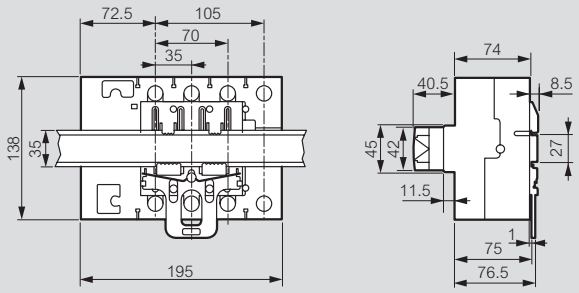
Right hand side handle



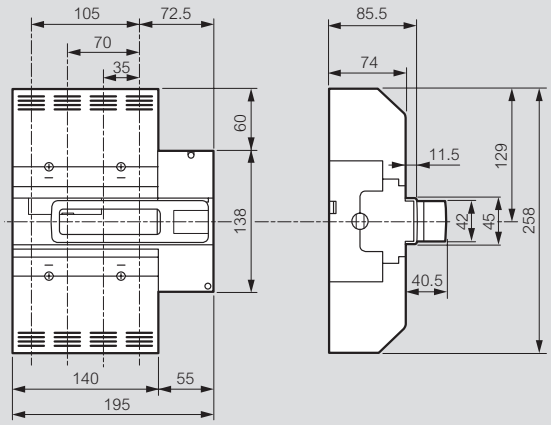
Left hand side handle



Mounted on rail

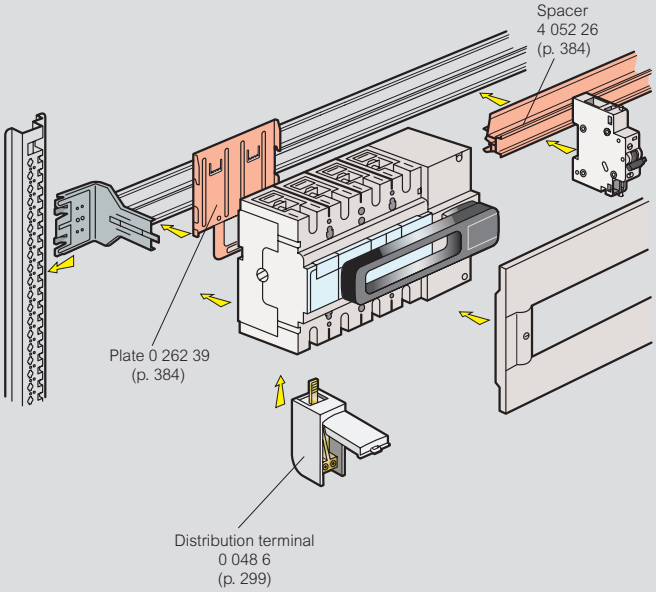


With terminal shields



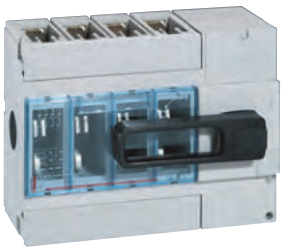
Mounting

Mounted on rail with plate (XL³ 400, XL³ 800 and XL³ 4000)



DPX™-IS 630 isolating switches

400 A to 630 A



0 266 62

0 266 70

0 262 50

Dimensions **p. 251**
Electrical characteristics **p. 254**

Isolating switches for on-load circuit breaking by visible isolation and positive action of the contacts
Padlock integrated in the handle
Supplied with terminal shields, and cage terminals
Conform to IEC 60947-3
Category of use AC 23 A
Accept electrical auxiliaries (p. 252)
Can be mounted on plate in XL^3 and XL^3 S enclosures

Pack	Cat.Nos	DPX-IS with release
		Can be associated with a residual current relay with separate coil (p. 185), supplied without shunt trip
	3P | 4P	**Front handle**
1	0 266 72 | 0 266 74	400 A
1	0 266 73 | 0 266 75	630 A
		Right-hand side handle
1	0 266 76 | 0 266 78	400 A
1	0 266 77 | 0 266 79	630 A
		Left-hand side handle
1	0 266 80 | 0 266 82	400 A
1	0 266 81 | 0 266 83	630 A

Pack	Cat.Nos	DPX-IS without release
	3P | 4P	**Front handle**
1	0 266 60 | 0 266 62	400 A
1	0 266 61 | 0 266 63	630 A
		Right-hand side handle
1	0 266 64 | 0 266 66	400 A
1	0 266 65 | 0 266 67	630 A
		Left-hand side handle
1	0 266 68 | 0 266 70	400 A
1	0 266 69 | 0 266 71	630 A

Pack	Cat.Nos	Rotary handles
		Direct for emergency use
		For mounting instead of standard handle
1	0 266 89	Front and right-hand side handle
1	0 266 90	Left-hand side handle
		Vari-depth handle IP 55
		Comprising: connecting rod, bracket, self-adhesive drilling template, fixing accessories (seal to maintain the IP protection up to IP 55, door lock mechanism)
1	0 266 86	For front and side handle device
1	0 266 87	For front and side handle device for emergency use
		To be ordered with Cat.Nos 0 266 89 or 0 266 90

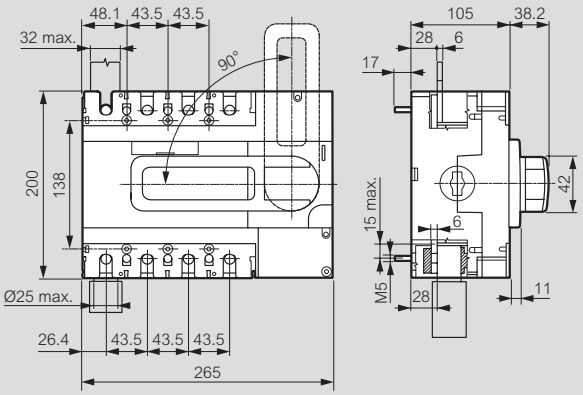
Pack	Cat.Nos	Accessories
		Cage terminals
1	0 262 50	Set of 4 terminals for cable 300 mm^2 max. (rigid) or 240 mm^2 max. (flexible)
1	0 262 51	Set of 4 high-capacity terminals for cable 2 x 240 mm^2 (rigid) or 2 x 185 mm^2 (flexible)
	3P | 4P	**Spreaders**
1	0 262 48 | 0 262 49	Set of incoming or outgoing spreaders
		Rear terminals
		Used to convert the fixed version with front terminals to the fixed version with rear
1	0 263 52 | 0 263 53	Set of incoming and outgoing flat rear terminals
		Sealable terminal shields
1	0 262 45	Set of 2
		Padlock
		For locking mechanism in open position
1	0 266 97	Padlock with flat key N° ABA90GEL6149

DPX™-IS 630 isolating switches

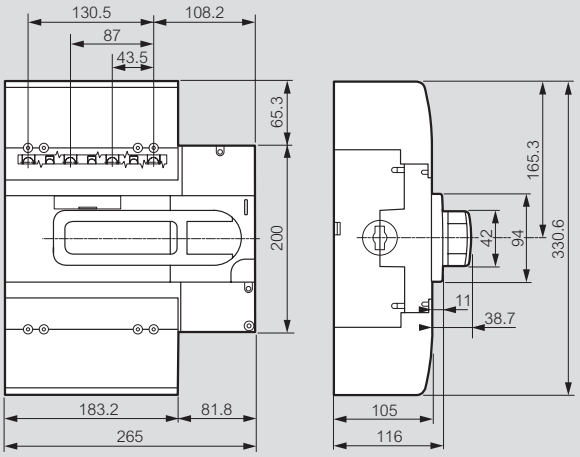
400 A to 630 A

Dimensions

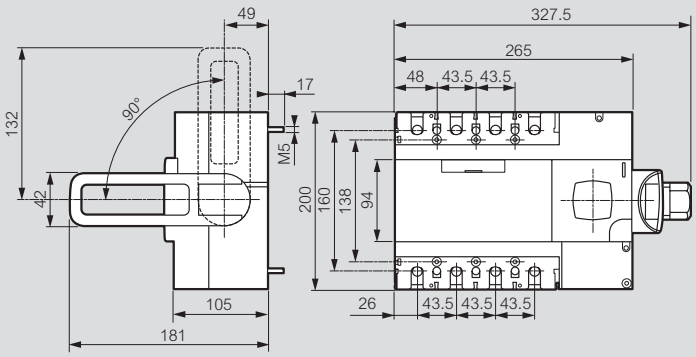
Front handle



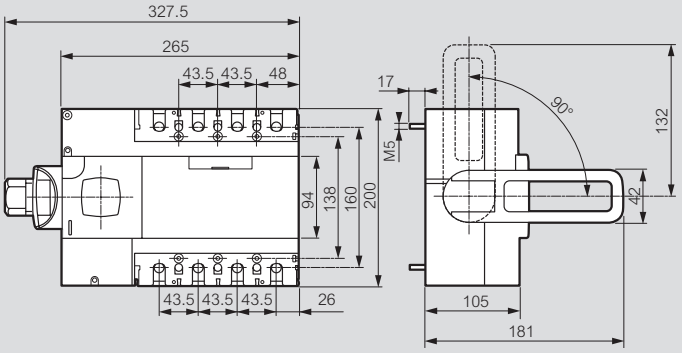
Front handle with terminal shields



Right hand side handle



Left hand side handle



DPX™-IS 1600 isolating switches

800 A to 1600 A

0 265 98

0 262 65

Dimensions **p. 253**
Electrical characteristics **p. 254**

Isolating switches for on-load circuit breaking by visible isolation and positive action of the contacts
Connection with cage terminals
Padlock integrated in the handle
Supplied with terminal shields
Conform to IEC 60947-3
Category of use AC 23 A
Accept electrical auxiliaries (opposite)
Can be mounted on plate in XL³ and XL³ S enclosures

Pack	Cat.Nos		DPX-IS with release
			Can be associated with a residual current relay with separate coil (p. 185), supplied without shunt release
	3P	4P	**Front handle**
1	0 265 91	0 265 95	800 A
1	0 265 92	0 265 96	1000 A
1	0 265 93	0 265 97	1250 A
1	0 265 94	0 265 98	1600 A
			Vari-depth handle
1	0 265 89		Standard
1	0 265 90		For emergency use
			Locking accessories
1	0 262 93		Key barrel and flat key N° ABA90GEL6149
1	0 262 94		Key barrel and star key N° HBA90GPS6149
			Accessories
			Cage terminals
1	0 262 69		Set of 1 terminal for cables without lug 2 x 240 mm² for rigid cable or 2 x 185 mm² for flexible cable
1	0 262 70		Set of 1 high-capacity terminal for cables without lug 4 x 240 mm² for rigid cable 2 x 185 mm² for flexible cable
	3P	4P	**Spreaders**
1	0 262 73	0 262 74	Set of incoming or outgoing spreaders
			Rear terminals Used to convert the fixed version with front terminals to the fixed version with rear terminals Set of incoming and outgoing rear terminals
1	0 263 80	0 263 82	Short terminals
1	0 263 81	0 263 83	Long terminals
			Extended front terminals
1	0 262 67		Short terminals for 630 - 1250 A (2 bars max. per pole)
1	0 262 68		Long terminals for 1600 A (3 bars max. per pole)
	3P	4P	**Sealable terminal shields**
1	0 262 64	0 262 65	Set of 2
			Insulation shields Used to isolate the connections between each pole
1	0 262 66		Set of 3

DPX™-IS auxiliaries

0 261 60

0 261 85

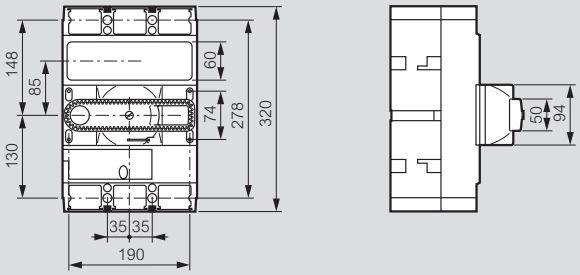
Pack	Cat.Nos		Auxiliary contact or fault signal
1	0 261 60		For signalling the state of the contacts or opening of the protection device on a fault Changeover switch 3 A - 240 V~
			Shunt releases
			Allow remote tripping of a DPX-IS Shunt inrush power 300 VA
1	0 261 64		Coil voltage 24 V~ / ⎓
1	0 261 65		Coil voltage 48 V~ / ⎓
1	0 261 66		Coil voltage 110 V~ / ⎓
1	0 261 67		Coil voltage 230 V~ / ⎓
1	0 261 68		Coil voltage 400 V~ / ⎓
			Undervoltage releases
			Undervoltage power consumption 5 VA
			For DPX-IS 250/630
1	0 261 70		Coil voltage 24 V⎓
1	0 261 71		Coil voltage 24 V~
1	0 261 72		Coil voltage 48 V~ / ⎓
1	0 261 76		Coil voltage 110 V~ / ⎓
1	0 261 73		Coil voltage 230 V~ / ⎓
1	0 261 74		Coil voltage 400 V~ / ⎓
			For DPX-IS 1600
1	0 261 80		Coil voltage 24 V⎓
1	0 261 81		Coil voltage 24 V~
1	0 261 82		Coil voltage 48 V~ / ⎓
1	0 261 86		Coil voltage 110 V~ / ⎓
1	0 261 83		Coil voltage 230 V~ / ⎓
1	0 261 84		Coil voltage 400 V~ / ⎓
			Time-lag (800 ms) undervoltage releases
			Allow remote tripping of a DPX-IS Prevent false tripping in the event of AC supply microbreaks
			Time-lag modules — No. of modules
1	0 261 90		230 V~ — 3
1	0 261 91		400 V~ — 3
			Undervoltage releases To be equipped with time-lag module Cat.Nos 0 261 90/91
1	0 261 75		For DPX-IS 250, 630
1	0 261 85		For DPX-IS 1600

DPX™-IS 1600 isolating switches

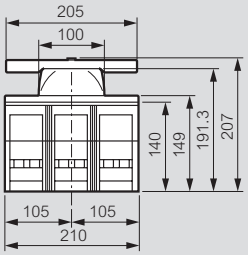
800 A to 1600 A

Dimensions

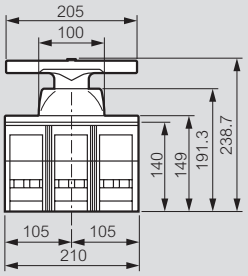
3P



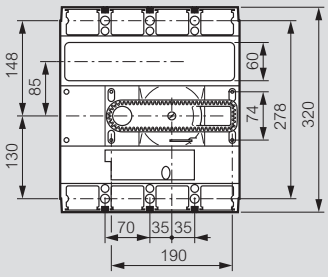
Without handle extension



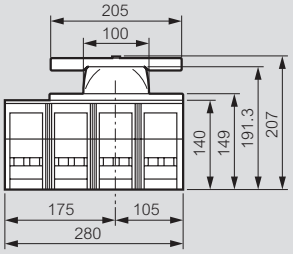
With handle extension



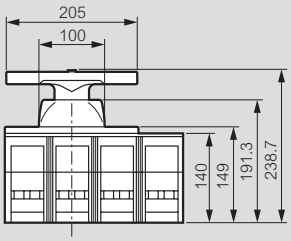
4P



Without handle extension

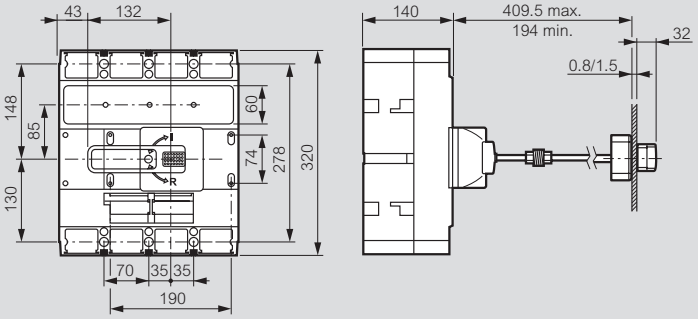


With handle extension

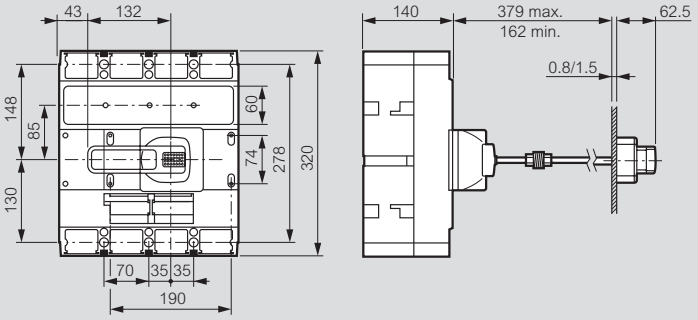


Vari-depth handle

IP 40



IP 55



DPX™-IS isolating switches

63 A to 1600 A

Electrical characteristics

DPX-IS 250

Rating		63 A	100 A	160 A	250 A
Connection	Cu flexible	150 mm²			
	Cu rigid / Alu	185 mm²			
Copper bar		Width max. 28 mm			
Nominal rating (Ue)		690 V~ - 250 V⎓			
Rated insulation voltage (Ui)		800 V~			
Rated impulse withstand voltage (Uimp)		8 kV~			
AC 23 A	415 V~	63 A	100 A	160 A	250 A
	690 V~	63 A	100 A	160 A	200 A
AC 22 A	415 V~	63 A	100 A	160 A	250 A
	690 V~	63 A	100 A	160 A	250 A
Short-circuit making capacity (kA efficient) (Icm)		15.3 kA			
I admissible Is (Icw)		9 kA efficient			
I admissible with fuse (Icc)		100 kA efficient			
Max. rating of fuse	gG	63 A	100 A	160 A	250 A
	aM	63 A	100 A	160 A	160 A
Rated closing capacity on short circuit (kA peak) (Icm)		15.3 kA			
Endurance (cycles)	mechanical	25000 operations			
	electrical (AC 23 - 415 V~)	2500 operations			
Index of protection		IP 20 front panel			

DPX-IS 1600

Rating		800 A	1000 A	1250 A	1600 A
Connection	Cu flexible	2 x 185 mm² or 4 x 185 mm²			
	Cu rigid / Alu	2 x 240 mm² or 4 x 240 mm²			
Copper bar/lugs		50 mm or 80 mm			
Nominal rating (Ue)		690 V~			
Rated insulation voltage (Ui)		800 V~			
Rated impulse withstand voltage (Uimp)		8 kV~			
AC 23 A	415 V~	800 A	1000 A	1250 A	1600 A
	500 V~	800 A	1000 A	1250 A	1600 A
	690 V~	800 A	1000 A	1250 A	1600 A
DC 23 A	250 V~	800 A	1000 A	1250 A	1600 A
I admissible Is (Icw)		20 kA efficient			
I admissible with fuse (Icc)		100 kA efficient			
Max. rating of fuse	gG	800 A	1000 A	1250 A	1600 A
	aM	800 A	1000 A	1250 A	1600 A
Short-circuit making capacity (kA peak) (Icm)		40 kA			
Endurance	mechanical	10000			
	electrical (AC 23 - 415 V~) (Icm)	3000	3000	2000	2000
Index of protection		IP 20 front panel			

DPX-IS 630

Rating		400 A	630 A
Connection	Cu flexible	1 x 240 or 2 x 185 mm²	
	Cu rigid / Alu	1 x 300 or 2 x 240 mm²	
Copper bar		Width max. 32 mm	
Nominal rating (Ue)		690 V~	
Rated insulation voltage (Ui)		800 V~	
Rated impulse withstand voltage (Uimp)		8 kV~	
AC 23 A	415 V~	400 A	630 A
	500 V~	400 A	630 A
	690 V~	400 A	630 A
AC 22 A	690 V~	400 A	630 A
DC 23 A	250 V⎓	400 A	630 A
Rated closing capacity on short circuit (kA peak) (Icm)		30 kA	
I admissible Is (Icw)		15 kA efficient	
I admissible with fuse (kA efficient) (Icc)		100 kA	
Max. rating of fuse	gG	400 A	630 A
	aM	400 A	630 A
Endurance	mechanical	15000 operations	
	electrical (AC 23 - 415 V~)	1500 operations	
Index of protection		IP 20 front panel	

Isolator switches

7 353 00

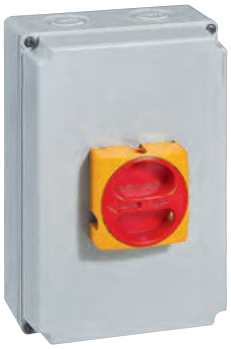
Technical characteristics and dimensions **p. 256**

Pack	Cat.Nos	**Isolator switches AC22A**
		2P 250 V~ 50/60Hz
1	7 353 00	2P 20 A
1	7 353 01	2P 32 A
1	7 353 02	2P 40 A
1	7 353 03	2P 63 A
		3P 440 V~ 50/60Hz
1	7 353 10	3P 20 A
1	7 353 11	3P 32 A
1	7 353 12	3P 40 A
1	7 353 13	3P 63 A
		3P + Neutral 440 V~ 50/60Hz
1	7 353 20	4P 20 A
1	7 353 21	4P 32 A
1	7 353 22	4P 40 A
1	7 353 23	4P 63 A

Proximity switching from 16 A to 80 A

Compatible with auxiliary contact

0 221 71



0 221 75

0 227 00

0 222 82

Technical characteristics **p. 257**
Dimensions **p. 258**

Safety switch for disconnection and isolation of phases
IP 2X
Double breaking on each phase
Red rotary handle on yellow plate
Immediate display of position
- horizontal: open (O)
- vertical: closed (I)
Equipped with non reversible terminals
Conform to IEC EN 60947-3
UL-cUL (USA and Canada) agreements (except boxes)
IP 65 - IK 07 for boxes

Pack	Cat.Nos	**Proximity switching**
		Can be equipped with auxiliary contact Cat.No 0 227 00 Padlockable boxes for on-load breaking, isolation and locking in O position Equipment located remotely from a control cabinet Applications: breaking of CMV (controlled mechanical ventilation), motors, fixed or moving machines, air-conditioners
		3P - yellow box
1	0 221 71	16 A
1	0 221 72	20 A
1	0 221 73	25 A
		3P - grey box
1	0 221 74	40 A
1	0 221 75	50 A
1	0 221 76	63 A
1	0 221 77	80 A
		3P + N/O + N/C - yellow box
1	0 221 89	16 A
1	0 221 79	20 A
1	0 221 88	25 A
		4P - neutral on left-hand side - yellow box
1	0 221 81	16 A
1	0 221 82	20 A
1	0 221 83	25 A
		4P - neutral on left-hand side - grey box
1	0 221 84	40 A
1	0 221 85	50 A
1	0 221 86	63 A
1	0 221 87	80 A

		Accessories
		Auxiliary contact
1	0 227 00	N/O + N/C
		Labels
		Marked "Main switch"
5	0 222 82	Duty label for padlockable faceplate

Isolator switches

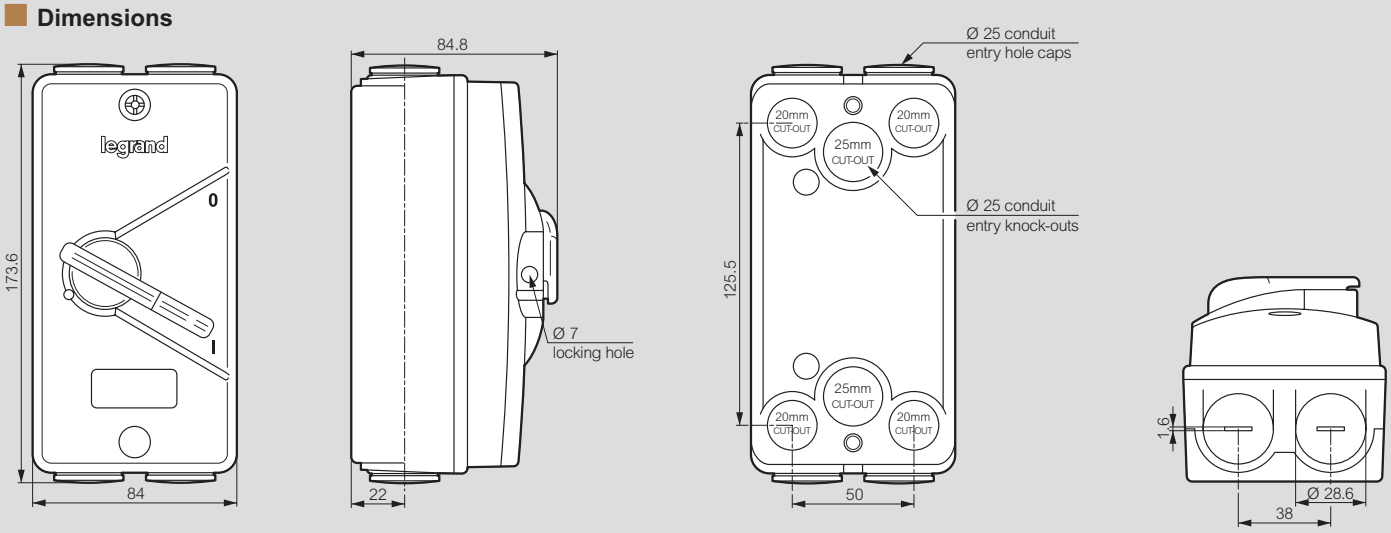
technical characteristics and dimensions

Technical characteristics

Type		2 Pole				3 Pole				3 Pole + Switched Neutral			
Cat.Nos		7 353 00	7 353 01	7 353 02	7 353 03	7 353 10	7 353 11	7 353 12	7 353 13	7 353 20	7 353 21	7 353 22	7 353 23
Rated Voltage / Frequency		250 V~ 50/60 Hz				440 V~ 50/60 Hz				440 V~ 50/60 Hz			
Utilization category		AC 22 A				AC 22 A				AC 22 A			
Rated Operational current (A)		20	32	40	63	20	32	40	63	20	32	40	63
Rated insulation voltage (a.c.) (V)		250	250	250	250	440	440	440	440	440	440	440	440
Rated impulse withstand voltage (V)		2500	2500	2500	2500	2500	2500	2500	2500	2500	2500	2500	2500
Rated short-time withstand current for 1 sec (A)		240	384	480	756	240	384	480	756	240	384	480	756
Rated short-circuit making in breaking capacities for 50ms (A)		240	384	480	756	240	384	480	756	240	384	480	756
Live terminal screws torque value (Nm)		2	2.5	2.5	2.5	2	2.5	2.5	2.5	2	2.5	2.5	2.5
Neutral terminal screws torque value (Nm)		2	2	2	2.5	2	2	2	2.5	2	2.5	2.5	2.5
Earth terminal screws torque value (Nm)		2	2	2	2	2	2	2	2	2	2	2	2
Plastic nylon screws Max. Torque value (Nm)		1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8
Conductor Rigid-Stranded	Min. size (mm²)	2.5	6	6	10	2.5	6	6	10	2.5	6	6	10
	& number	1	1	1	1	1	1	1	1	1	1	1	1
	Max. size (mm²)	4	10	10	16	4	10	10	16	4	10	10	16
Rated duty		Uninterrupted duty											

Note : Use padlock with shackle size Ø 6 mm when required to lock the unit in either 'OFF' or 'ON' position

Dimensions



Proximity switching from 16 A to 80 A

technical characteristics

Technical characteristics

Conform to IEC EN 60947-3
UL - cUL (USA - Canada) agreements. Class II box installed (if correct use of isolating caps supplied with box)
IP 40 and IP 65 - IK 07
Operating temperature: - 30 °C to + 70 °C
Box self-extinguishing: 650 °C/ 960 °C (acc. to IEC 695-2-1)
Degree of protection: IP 2X (at back of panel)
IP 65 for boxes
IP 65 for complete devices
Tropical atmosphere acc. to:
IEC 682-3 constant humid heat
IEC 682-30 cyclical humid heat
Padlockable devices
General case: up to 3 padlocks Ø4 to 8 mm
Device with 1 auxiliary contact OF: up to 3 padlocks Ø6 to 8 mm

			20 A	25 A	32 A	50 A	63 A	80 A
Rated insulation voltage Ui		**V**	690	690	690	690	690	690
Conventional free air thermal current (Ith)								
Continuous rated current Iu		**A**	20	25	32	50	63	80
Conventional enclosed thermal current Ithe		**A**	16	20	25	40	50	63
Rated impulse withstand voltage Uimp[1] (kV)			4	6	6	6	6	6
Rated operating current (A)								
AC - 21 A / 22 A								
Conforming to IEC 60947-3		**A**	16	25	32	50	63	80
Rated operating power (kW)								
AC - 23 A	**3 x 230 V**	**kW**	4	5.5	5.5	15	15	18.5
		A	14.5	20	20	50	50	63
	3 x 400 V	**kW**	7.5	7.5	11	18.5	22	30
		A	15	15	21	35	42	57
	3 x 500 V	**kW**	7.5	7.5	11	22	30	37
		A	12	12	17	33	45	55
	3 x 690 V	**kW**	7.5	7.5	11	18.5	22	22
		A	9	9	12	20	24	24
AC - 3	**3 x 230 V**	**kW**	3	4	4	7.5	11	15
		A	11.5	14.5	14.5	26	38	51
	3 x 400 V	**KW**	4	5.5	7.5	15	18.5	22
		A	8	11	15	28	35	42
	3 x 500 V	**KW**	5.5	5.5	7.5	15	22	30
		A	9	9	12	23	33	45
	3 x 690 V	**KW**	5.5	5.5	7.5	15	18.5	18.5
		A	6	6.5	9	16.5	20	20
Closing/breaking characteristics:								
Rated closing capacity		**Aeff/400 V**	710	710	710	1270	1270	1970
Rated breaking capacity		**Aeff/400 V**	330	330	330	800	800	800
Short circuit characteristics:								
Rated short term withstand current Icw		**Aeff/400V/1s**	300	350	430	500	760	1100
Rated short circuit make capacity Icm		**kA peak/400 V**	1	1	1	1.8	1.8	2.8
Short circuit current		**kA eff/400 V**	6	10	10	10	10	10
With fuse gl/gG		**A**	16	25	32	50	63	80
Mechanical life AC - 20		**million**	1	0.1	0.1	0.04	0.04	0.04
Connection:								
Flexible + connector (max./min)		**mm²**	6/0.5	6/0.75	6/0.75	16/1.5	16/1.5	35/2.5
Rigid		**mm²**	10	10	10	25	25	50
Auxiliary contact electrical characteristics:								
Rated insulation voltage (Ui)		**V**	400	400	400	400	400	400
Conventional free air thermal current (Ith)								
Continuous rated current (Iu)		**A**	20	10	10	10	10	10
Rated operating current (Ie) AC - 15		**230 V A**	6	6	6	6	6	6
		400 V A	4	4	4	4	4	4
Protection against short circuit by fuse gG		**A**	16	10	10	10	10	10
Connection		**flexible wire mm² max**	2 x 2.5	2 x 2.5	2 x 2.5	2 x 2.5	2 x 2.5	2 x 2.5

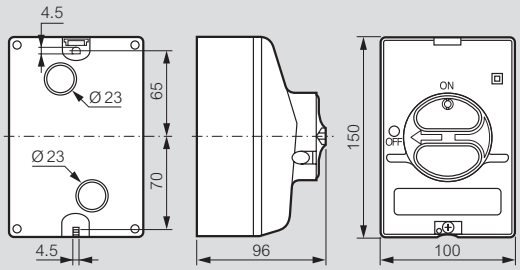
Proximity switching from 16 A to 80 A (continued)

dimensions

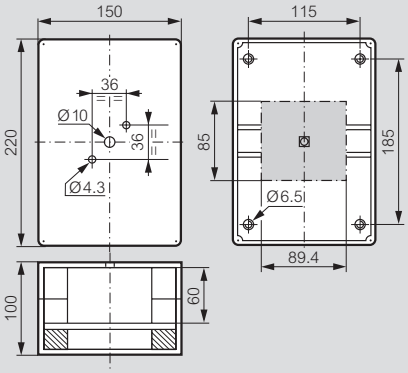
Dimensions

Proximity switching

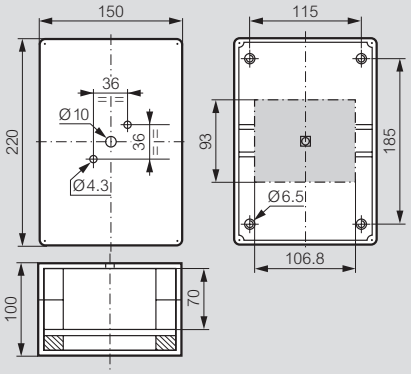
Boxes 2 x 2 knock-out entries: PG 16 or ISO 25
Cat.Nos 0 221 71/72/73/79/81/82/83/88/89



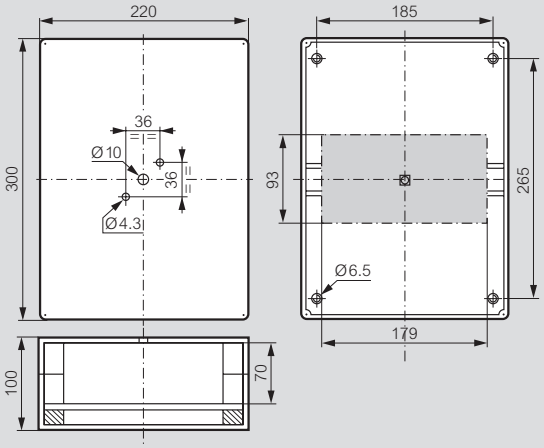
Boxes 2 x 2 knock-out entries: PG 21
Cat.Nos 0 221 74/75/84/85



Boxes 2 x 2 knock-out entries: PG 29
Cat.Nos 0 221 76/77

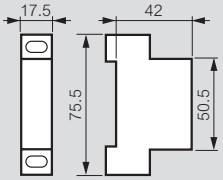


Boxes 2 x 4 knock-out entries: 2 x PG 21 and 2 x PG 29
Cat.Nos 0 221 86/87



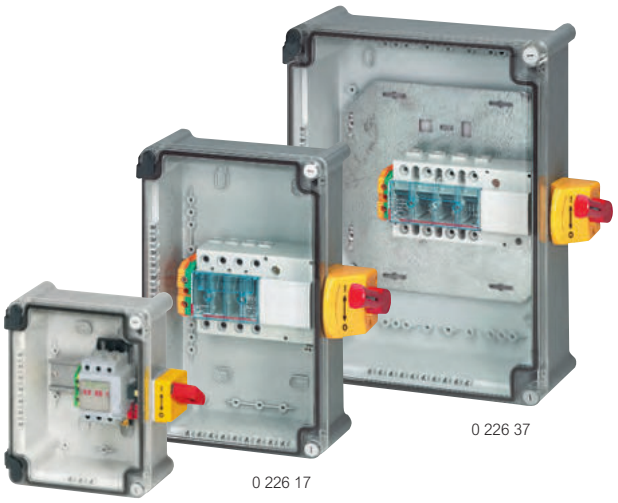
Auxiliary contact

Cat.No 0 227 00



Proximity switching 32 A to 160 A

Proximity switching 32 A to 160 A



0 226 37

0 226 17

0 226 07

For on-load circuit breaking, isolation and locking in 0 position equipment located remotely
Applications:
• breaking of CMV (controlled mechanical ventilation) motors, fixed or moving machines, air-conditioners)
Can also be used as a:
• general switch
• emergency stop
IP 65

Pack	Cat.Nos	Full load switch units 32 A to 160 A			
		Comprising: - IP 65 plastic box with transparent hinged cover equipped with a Vistop with side red handle, yellow front plate with N/C + N/O auxiliary contact - earth terminal (Viking 3)			
		32 A - IK 07 Supplied with 2 cable glands 21P - ISO 25			
				Connection	Earth terminal nominal capacity
1	0 226 05	3P		16 mm² cage terminals	10 mm²
1	0 226 07	4P			
		63 A - IK 07 Supplied with 2 cable glands 29P - ISO 32			
1	0 226 15	3P		cage terminals	50 mm²
1	0 226 17	4P		50 mm² flexible 70 mm² rigid	50 mm²
		100 A - IK 07 Supplied with 2 cable glands 36P - ISO 50			
1	0 226 25	3P		cage terminals	50 mm²
1	0 226 27	4P		50 mm² flexible 70 mm² rigid	50 mm²
		125 A - IK 07 Supplied with 2 cable glands 36P - ISO 50			
1	0 226 33	3P		cage terminals	50 mm²
1	0 226 34	4P		50 mm² flexible 70 mm² rigid	50 mm²
		160 A - IK 07 Supplied with 2 cable glands 36P - ISO 50			
1	0 226 35	3P		cage terminals	50 mm²
1	0 226 37	4P		50 mm² flexible 70 mm² rigid	50 mm²

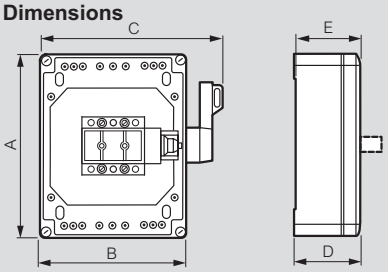
Full load switch units 32 A to 160 A

Electrical characteristics

Identical to corresponding Vistop isolating switch

Switch units	Cat.Nos	Characteristics
32 A	0 226 05/07	Vistop 32 A p. 166
63 A	0 226 15/17	Vistop 63 A p. 166
100 A	0 226 25/27	Vistop 100 A p. 166
125 A	0 226 33/34	Vistop 125 A p. 166
160 A	0 226 35/37	Vistop 160 A p. 166

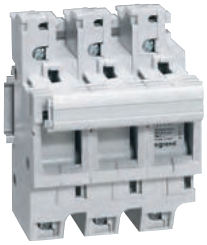
Dimensions



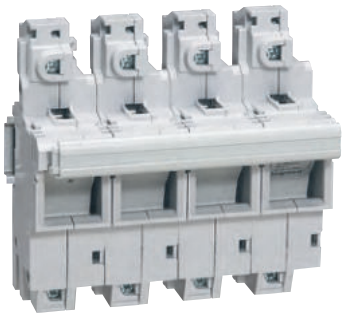
Cat.Nos		A	B	C	D	E
0 226 05/07	**32 A**	200	160	218	93	93
0 226 15/17	**63 A**	290	190	263	95	102
0 226 25/27/33/34	**100/125 A**	332	262	316	132	132
0 226 35/37	**160 A**	382	292	346	132	132

SP fuse carriers

with protected terminals



0 215 04



0 216 05

Conform to IEC 60269-2
Height under front plate 44 mm
Mixed socket screw head for easier cable clamping
Screw or rail ⊔ and ⊏ mounting

Pack	Cat.Nos			
		SP 38 for HRC fuses 10 x 38		
		Without microswitch	Connection	No of modules
3	0 214 04	3P	1 x 16 mm²	3
2	0 214 05	3P + equipped neutral	or 2 x 10 mm²	4
		SP 51 for HRC fuses 14 x 51		
		Without microswitch	Connection	No of modules
1	0 215 04	3P	1 x 35 mm²	4.5
1	0 215 05	3P + equipped neutral	or 2 x 16 mm²	6
		SP 58 for HRC fuses 22 x 58		
		Without microswitch	Connection	No of modules
1	0 216 04	3P	1 x 50 mm²	6
1	0 216 05	3P + equipped neutral	or 2 x 25 mm²	8

SP fuse carriers

with protected terminals

Choice of equipment

Type	Rated current	Maximum cartridge rating					
		400 V~		500 V~		690 V~	
		gG	aM	gG	aM	gG	aM
SP 38	25 A	25	16	25	16	-	-
SP 51	50 A	50	50	50	40	25	25
SP 58	100 A (125 A in 400 V)	125	125	100	100	50	50

These values are standardized according to IEC 60269-2/2-1
They can be reduced or increased under certain specific applications

Index of protection: IP 2X - IP 2XC - under front plate

Equipment derating

Recommended for equipment exposed to high temperatures:

• Ambient temperature over 35 °C: derate fuse by one rating per 10 °C (UTE C 20-051 / IEC 60943)

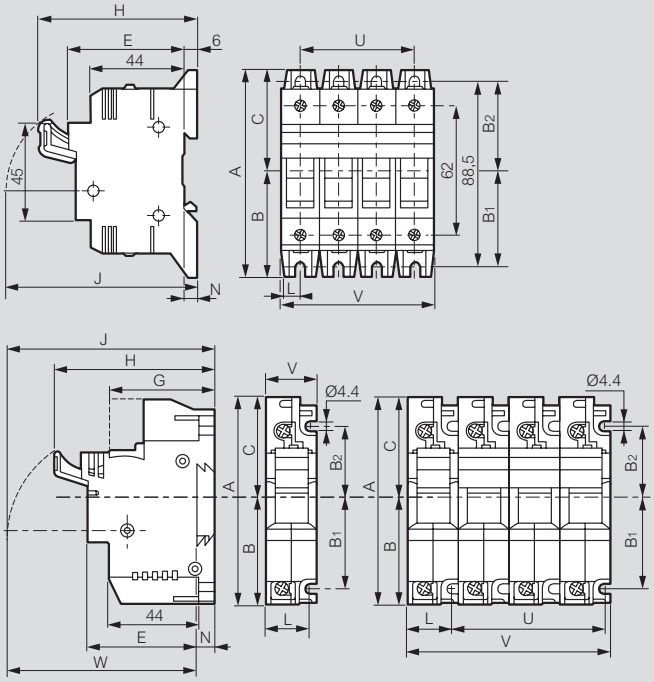
• Side-by-side equipment and simultaneous function

2 - 3 devices	0.9 x In
4 - 5 devices	0.8 x In
6 - 7 - 8 - 9 devices	0.7 x In
≥ 10 devices	0.6 x In

This coefficient is to be applied on the nominal rating of the base (IEC 60439-1)

• Uninterrupted usage: it may be necessary to upgrade the bases by one size

Dimensions (mm)



	A	B	B_1	B_2	C	E	G	H
SP 38	100	51	46	42.5	48.5	52	-	76
SP 51	106	54.5	45	35	51.5	55	53	84
SP 58	140	74	65	45	66	59	53	90

	J	L	N	U		V		W
				3P	3P+N	3P	3P+N	3P
SP 38	86	9	6	35.4	53.1	53.1	70.8	80
SP 51	99	20.7	9	53	79.5	79.5	106	90
SP 58	114	27	9	72	108	108	144	109

HRC cartridge fuses

0 133 08

0 153 96

0 120 04

0 140 12

0 141 12

0 151 50

Technical characteristics **p. 263-264**

Cylindrical type gG

Conform to EN 60269-1, IEC 60269-1 and 2

8 x 32 (previously 8.5 x 31.5)

Pack	Without indicator	With indicator	Rating (Amps)	Voltage ~ (Volts)	Rupture capacity (Amps)
10	0 123 01		1		
10	0 123 02	0 124 02	2		
10	0 123 04	0 124 04	4		
10	0 123 06	0 124 06	6	400	20000
10	0 123 10		10		
10		0 124 10	10		
10	0 123 16	0 124 16	16		

10 x 38 HRC

Pack	Without indicator	With indicator	Rating (Amps)	Voltage ~ (Volts)	Rupture capacity (Amps)
10	0 133 94		0.5		
10	0 133 01		1		
10	0 133 02	0 134 02	2		
10	0 133 04	0 134 04	4		
10	0 133 06	0 134 06	6	500	100000
10	0 133 08	0 134 08	8		
10	0 133 10	0 134 10	10		
10	0 133 16	0 134 16	16		
10	0 133 20	0 134 20	20		
10	0 133 25	0 134 25	25		

14 x 51 HRC

Pack	Without striker	With striker	Rating (Amps)	Voltage ~ (Volts)	Rupture capacity (Amps)
10	0 143 06		6		
10	0 143 10		10		
10	0 143 16	0 145 16	16		
10	0 143 20	0 145 20	20		
10	0 143 25	0 145 25	25	500	100000
10	0 143 32	0 145 32	32		
10	0 143 40	0 145 40	40		
10	0 143 50	0 145 50	50		

22 x 58 HRC

Pack	Without striker	With striker	Rating (Amps)	Voltage ~ (Volts)	Rupture capacity (Amps)
10	0 153 16		16		
10	0 153 20		20		
10	0 153 25		25		
10	0 153 32		32		
10	0 153 40		40	500	100000
10	0 153 50	0 155 50	50		
10	0 153 63	0 155 63	63		
10	0 153 80	0 155 80	80		
10	0 153 96	0 155 96	100		
10	0 153 97[1]	0 155 97[1]	125	400	

Cylindrical type aM (motor rated)

Conform to EN 60269-1, IEC 60269-1 and 2

8 x 32 (previously 8.5 x 31.5)

Pack	Without indicator	Rating (Amps)	Voltage ~ (Volts)	Rupture capacity (Amps)
10	0 120 04	4		
10	0 120 06	6	400	20000
10	0 120 08	8		
10	0 120 10	10		

10 x 38 HRC

Pack	Without indicator	Rating (Amps)	Voltage ~ (Volts)	Rupture capacity (Amps)
10	0 130 95	0.50		
10	0 130 01	1		
10	0 130 02	2		
10	0 130 04	4		
10	0 130 06	6	500	100000
10	0 130 08	8		
10	0 130 10	10		
10	0 130 12	12		
10	0 130 16	16		
10	0 130 20	20	400	
10	0 130 25	25		

14 x 51 HRC

Pack	Without striker	With striker	Rating (Amps)	Voltage ~ (Volts)	Rupture capacity (Amps)
10		0 141 02	2		
10		0 141 04	4		
10		0 141 06	6		
10		0 141 08	8		
10	0 140 10	0 141 10	10		
10	0 140 12	0 141 12	12	500	100000
10	0 140 16	0 141 16	16		
10	0 140 20	0 141 20	20		
10	0 140 25	0 141 25	25		
10	0 140 32	0 141 32	32		
10	0 140 40	0 141 40	40		
10	0 140 50[1]	0 141 50[1]	50	400	

22 x 58 HRC

Pack	Without striker	With striker	Rating (Amps)	Voltage ~ (Volts)	Rupture capacity (Amps)
10	0 150 25	0 151 25	25		
10	0 150 32	0 151 32	32		
10	0 150 40	0 151 40	40		
10	0 150 50	0 151 50	50	500	100000
10	0 150 63	0 151 63	63		
10	0 150 80	0 151 80	80		
10	0 150 96	0 151 95	100		
10	0 150 97[1]	0 151 97[1]	125	400	

Neutral links

Pack	Cat.Nos.	
10	0 123 00	8 x 32 (previously 8.5 x 31.5)
10	0 133 00	10 x 38
10	0 143 00	14 x 51
10	0 153 00	22 x 58

1: Overrating not described by standards

Blade type cartridge fuses

0 199 42

0 199 43

0 199 36

Technical characteristics **p. 263-264**

Conform to IEC 60269-2

Pack		Cat.Nos 1P	Cat.Nos 3P
3	1	0 199 42	0 199 43[1]
3	1	0 199 44	0 199 45[1]
3		0 199 46	
3		0 199 48	
3		0 199 50	
3		0 199 47	
1		0 199 49	
1		0 199 51	

Bases for blade type cartridge fuses

Self-extinguishing plastic bases
Contact points are sprung

Bare

Size	In (A)	Mounting	Connection
000/00	100	screw or ⊔ rail	M8
000/00	160	screw or ⊔ rail	M8
0	160	screw or ⊔ rail	M8
1	250	screw or ⊔ rail	M10
2	400	screw or ⊔ rail	M10

With micro-switch

Equipped with "present cartridge" and "blown fuse" indicator for cartridge fuses with stricker

Size	In (A)	Mounting	Connection
0	160	screw or ⊔ rail	M8
1	250	screw or ⊔ rail	M10
2	400	screw or ⊔ rail	M10

Pack	Cat.Nos
5	0 199 02

Handle

For all sizes

Pack	Cat.Nos 1P	Cat.Nos 3P
5	0 199 30[2]	
5	0 199 31	
5	0 199 32	
5	0 199 35[2]	
5	0 199 36	
5	0 199 37	
5	0 199 38	
5		0 199 39[2]

Accessories

Separation dividers and joining accessories kits

Base Size	Number of dividers	Number of joining accessories	For base Cat.No
000/00	2	0	0 199 42/44
0	2	2	0 199 46/47
1/2	2	2	0 199 48/49 /50/51

Protection kits

For protection against accidental contacts, Kits consisting of : separation dividers, joining accessories, terminal shields and fuse covers
For bases size 00 Cat.No 0 199 42/44
For bases size 0 Cat.No 0 199 46
For bases size 1 Cat.No 0 199 48
For bases size 2 Cat.No 0 199 50

For bases size 00 Cat.No 0 199 43/45

1: Supplied with 2 separation dividers
2: Supplied without joining accessories (separation dividers are fixed directly on the base of)

HRC blade type cartridge fuses

gG/gL and aM types

0 163 35

Type gG / gL

Conform to IEC 60269-2
For protection against accidental contacts, use terminal shields and fuse covers supplied with protection kits

Pack	Cat.Nos With indicator	Rating (Amps)	Voltage ∿ (Volts)	Breaking capacity (Amps)
Size 00				
10	0 163 18	25	500	120000
10	0 163 20	32		
10	0 163 22	35		
10	0 163 25	40		
10	0 163 30	50		
10	0 163 35	63		
10	0 163 40	80		
10	0 163 45	100		
10	0 163 50	125		
10	0 163 55	160		
Size 0				
3	0 168 35	63	500	120000
3	0 168 40	80		
3	0 168 45	100		
3	0 168 50	125		
3	0 168 55	160		
Size 1				
3	0 173 50	125	500	120000
3	0 173 55	160		
3	0 173 60	200		
3	0 173 65	250		
Size 2				
3	0 178 60	200	500	120000
3	0 178 65	250		
3	0 178 70	315		
3	0 178 75	400		

Type aM (motor rated)

Conform to EN 60269-1
IEC 60269-1, 2 and VDE 0636-1
Fully insulated end plate and handle lugs

Pack	Cat.Nos With indicator	Cat.Nos With striker	Rating (Amps)	Voltage ∿ (Volts)	Breaking capacity (Amps)
Size 00					
3	0 160 35		63	500	120000
3	0 160 40		80		
3	0 160 45		100		
3	0 160 50		125		
Size 0					
3		0 166 35	63	500	120000
3		0 166 40	80		
3		0 166 45	100		
3		0 166 50	125		
3		0 166 55	160		
Size 1					
3		0 171 50	125	500	120000
3		0 171 55	160		
3		0 171 60	200		
3		0 171 65	250		
Size 2					
3		0 176 60	200	500	120000
3		0 176 65	250		
3		0 176 70	315		
3		0 176 75	400		

Cartridge fuses selection

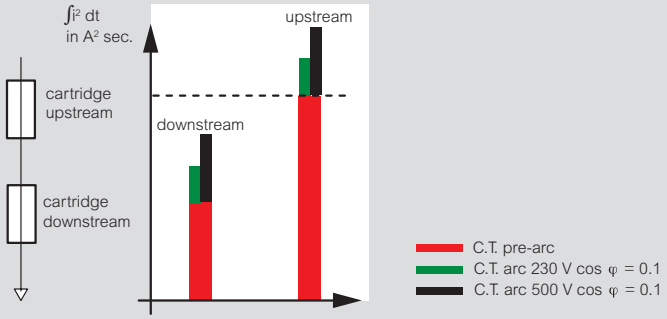
How to select a protection system ?

Depending on the type of failure, overload or short-circuit, use 2 series of data

① Overloads: use the operating zone curves of the different protection devices. On the same row, the operating zones should not overlap

② Short-circuits: use the $\int i^2t$ tables. The total $\int i^2t$ of the protection system the furthest downstream must be less than the upstream protection pre-arc $\int i^2t$

Example of good selection



Selection between cartridge fuses (according to IEC 60269-2-1)

Upstream rating gG cartridge fuse (A)	Downstream maximum rating determined according to class and voltage to obtain selection	
	aM	gG
2		
4	1	1
6	2	2
8	2	2
10	2	4
12	2	4
16	4	6
20	6	10
25	8	16
32	10	20
35	12	20
40	12	25
50	16	32
63	20	40
80	25	50
100	36	63
125	40	80
160	63	100
200	80	125
250	125	160
315	125	200
400	160	250

Upstream rating aM cartridge fuse (A)	Downstream maximum rating determined according to class and voltage to obtain selection	
	aM	gG
2	1	1
4	2	4
6	2	6
8	4	8
10	6	10
12	6	12
16	10	16
20	12	20
25	12	25
32	20	32
36	20	32
40	25	32
50	25	40
63	40	50
80	50	63
100	63	80
125	80	100
160	100	125
200	125	160
250	160	160
315	200	200
400	250	250

Motor protection

Motor three-phase									Cartridges															
230 V			400 V			500 V			10 x 38 ratings		14 x 51 ratings		22 x 58 ratings		S. 00 ratings		S. 0 ratings		S. 1 ratings		S. 2 ratings		S. 3 ratings		S. 4 ratings	
kW	Hp	In A	kW	Hp	In A	kW	Hp	In A	gG	aM	gG	aM	gG	aM	gG	aM	gG	aM	gG	aM	gG	aM	gG	aM	gG	aM
			0.37	0.5	1.03	0.75	1	1.5	4	**2**	4	**2**														
0.37	0.5	1.8	**0.75**	1	2	1.5	2	2.6	6	**4**	6	**4**														
0.75	1	3.5	**1.5**	2	3.5	2.2	3	3.8	8	**4**	8	**4**														
1.1	1.5	4.4	**2.2**	3	5	3.7	5	5.9	12	**6**	12	**6**														
1.8	2.5	7	**3**	4	6.6	4	5.5	6.5	16	**8**	16	**8**	16													
2.2	3	8.7	**4**	5.5	8.5	5.5	7.5	9	20	**10**	20	**10**	20													
3	4	11.5	**5.5**	7.5	11.5	7.5	10	12	25	**12**	25	**12**	25		25											
4	5.5	14.3	**7.5**	10	15.5	11	15	18.4		**20**(1)	32	**20**	32	**20**	32	**20**										
5.5	7.5	20	**11**	15	22	15	20	23		**20**(1)	50	**25**	50	**25**	50	**25**										
7.5	10	27	**15**	20	30	18.5	25	28.5				**32**	50	**32**	50	**32**										
10	13.5	35	**18.5**	25	37	25	34	39.4				**40**	63	**40**	63	**40**	63									
11	15	39	**22**	30	44	30	40	45				**50**(1)	80	**50**	80	**50**	80									
15	20	52	**25**	34	51	40	54	60					100	**63**	100	**63**	100	**63**								
18.5	25	64	**30**	40	60	45	60	65						**80**	125	**80**	125	**80**	125							
22	30	75	**37**	50	72	51	70	75						**80**	125	**80**	125	**80**	125							
25	35	85	**45**	60	85	63	109	89						**100**	160	**100**	160	**100**	160							
30	40	103	**55**	75	105	80	110	112						**125**(1)		**125**	200	**125**	200	**125**	200					
45	60	147	**75**	100	138	110	150	156										**160**	250	**160**	250					
55	75	182	**90**	125	170	132	180	187												**200**	315	**200**				
75	100	239	**110**	150	205	160	220	220												**250**	400	**250**				
80	160	260	**132**	180	245	220	300	310														**315**				
90	125	295	**160**	218	300																	**315**				
110	150	356	**200**	270	370	250	340	360														**400**				
132	180	425	**250**	340	475	335	450	472															**500**			
160	218	520	**315**	430	584	450	610	608															**630**			
220	300	710	**400**	550	750	500	680	680																		**800**

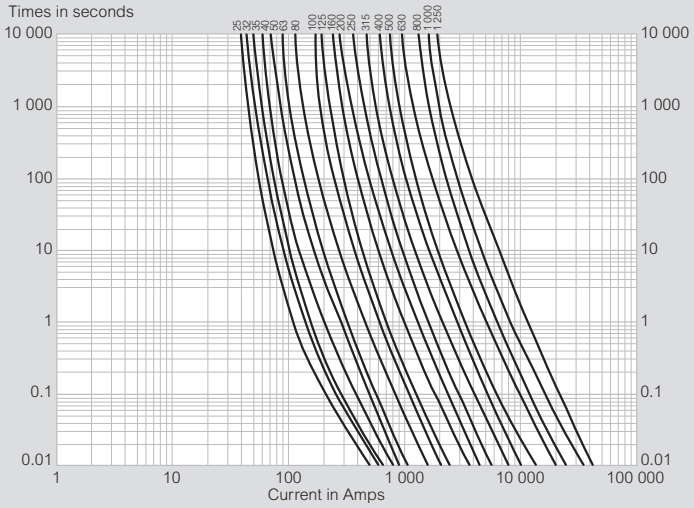
1: 400 V max.

Blade cartridge fuses gG and aM types

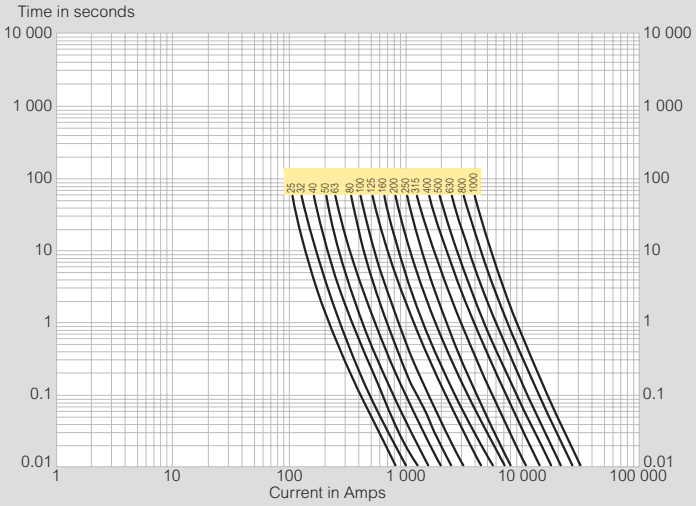
The gG or aM types protect the conductors of electrical circuits in the event of overbad or short-circuit
gG cartridge fuses:
The selectivity ratio is 1.6 instead of 2
The breaking capacity of 120000 A provides full protection in the most critical situations
aM cartridge fuses:
These cartridge fuses must be combined with a low-overload thermal protection device
The breaking capacity of 100000 A from size 10 x 38 upwards provides full protection in the most critical situations
Cylindrical industrial cartridge fuses can be used to protect DC circuits supplied at up to 48 V max.

Rupture capacity curves

gG type

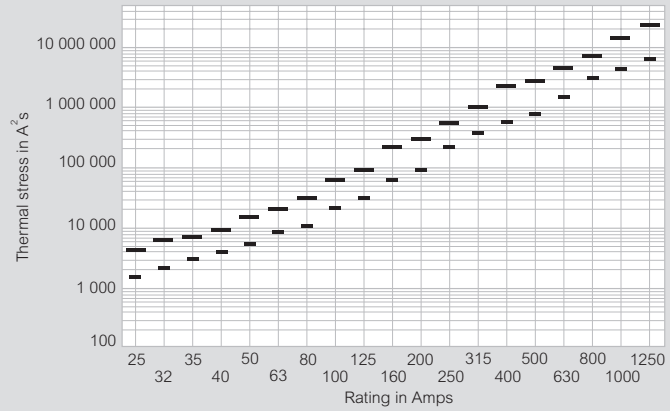


aM type



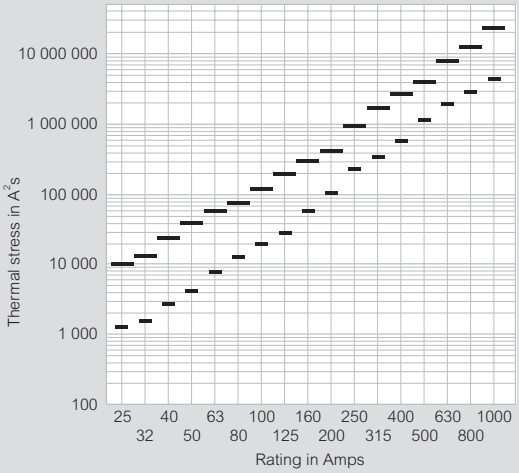
Thermal stresses ($\int I^2dt$)

gG type (for 500 V~)

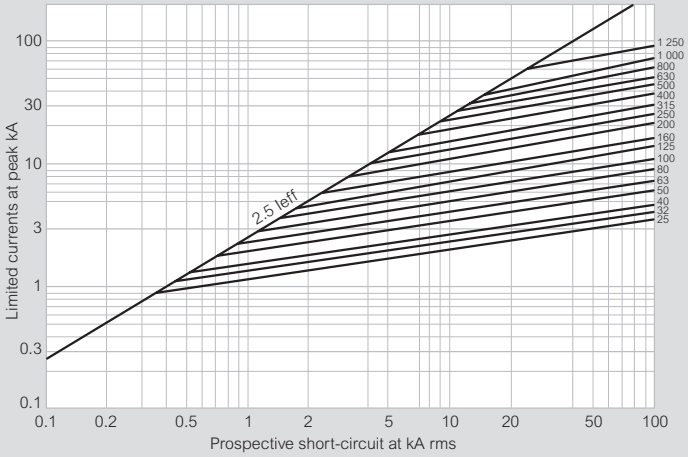


Total maximum thermal stress for critical current
Pre-arc thermal stress for critical current

aM type for 500 V~ - except 1250 A for 400 V



gG(1) type limitation curve



1: For aM cartridge fuses, see technical data sheets in the Legrand e-catalogue

Consumption in watts when hot, at rated current

Fuse ratings (A)	Cartridge fuses			
	gG		aM	
	Size 00	Size 0 to 4	Size 00	Size 0 to 4
25	2.1		1.3	
32	3		1.8	
35	3			
40	3.3	4.2	2.5	
50	4.5	5.5	3	
63	6	6.5	3.6	3.9
80	7	8.5	5.2	5.5
100	7.5	9.5	6	6.5
125	13	12	7	8.5
160	15	15		11.5
200		19		13.5
250		23		17
315		24		24
400		33		28

SPX³-V vertical fuse carriers - for NH blade type cartridge fuses, mounting on 185 mm busbar supports

6 058 50

6 058 52

Technical characteristics **p. 266**
Dimensions **p. 266**

SPX³-V isolators with vertical blades

Conform to standard IEC/EN 60947-3
- enable safe handling while energised
Protection against accidental contact
- fuse can be checked through transparent window
- voltage control via small opening in window
- sealable cover
- simultaneous switching on all poles, 1600 mechanical operations
- cover position indicated by auxiliary contact (accessory)
- screw connection for lug
- Interchangeable connection accessories
2 types of connection possible:
- plate/lug (SPX³-V size 00 to size 3)
- prism connection terminals (accessory SPX³-V size 1 to size 3)
Vertical installation
To be fixed on 185 mm busbar support: 5 or 10 mm: interchangeable top or bottom connection
The blade type fuse cartridges are available separately

Pack	Cat.Nos	Collector rail	Nominal current In	Cartridge Size	Connection
1	6 058 50	185 mm	160 A	00	With M8 lug
1	6 058 51	185 mm	250 A	1	With M12 lug
1	6 058 52	185 mm	400 A	2	With M12 lug
1	6 058 53	185 mm	630 A	3	With M12 lug

SPX³-V accessories

6 052 30

6 058 80

Pack	Cat.Nos	

Cage terminals

For copper and aluminium cables
Conductor: flexible or rigid multicore copper cables and aluminium cables

Pack	Cat.Nos	Cross-section (mm²)	SPX³-V frame
3	6 058 65	10-95	160
3	6 058 66	70-240	250/400/630
3	6 058 67	120-300	250/400/630

Terminal shields

Can be fixed at the top or at the bottom of the SPX³-V vertical fuse carriers

Pack	Cat.Nos	
1	6 058 68	For SPX³-V frame 160
1	6 058 69	For SPX³-V frames 250, 400 and 630

Signalling contact

To indicate the status of the cover

Pack	Cat.Nos	Changeover contact	Cartridge Size	SPX³-V frame
1	6 052 30	5 A 250 V AC 4 A 30 V DC	000, 00, 1, 2, 3	All

Busbar support for 185 mm fixing centres

Universal busbar support 185 mm for drilled and undrilled flat busbars 30, 40, 60, 80, 100, 120 x 10 mm

Pack	Cat.Nos		Cartridge Size
4	6 058 80	3P	00, 1, 2, 3

DPX³ 1600 adaptors

For connection between DPX³ 1600 MCCBs and the busbars
Screw connection to drilled busbars

Pack	Cat.Nos	Circuit breaker connection
1	6 058 60	Top

Current transformers

Accuracy class 1, secondary rated current 5A

Pack	Cat.Nos	Rated current (A)	SPX³-V frame
1	6 058 70	80	160
1	6 058 71	150	160
1	6 058 73	150	250, 400, 630
1	6 058 74	200	250, 400, 630
1	6 058 75	250	250, 400, 630
1	6 058 76	400	250, 400, 630
1	6 058 77	600	250, 400, 630

Air circuit breakers DMX³ 4000-1000 V~
p. 218

Red catalogue numbers: New products

SPX³-V vertical fuse carriers

for NH blade type cartridge fuses, mounting on 185 mm busbar supports

Electrical characteristics

Type		SPX³-V 00 185 mm	SPX³-V 1 185 mm	SPX³-V 2 185 mm	SPX³-V 3 185 mm
Cartridge size		00	1	2	3
Nominal current In		160 A	250 A	400 A	630 A
Type of current		AC (50-60 Hz)	AC (50-60 Hz)	AC (50-60 Hz)	AC (50-60 Hz)
Nominal voltage Un		800 V AC	800 V AC	690 V AC	800 V AC
Rated insulating voltage Ue		1000 V	1000 V	1000 V	1000 V
Rated impulse withstand voltage Uimp		8 kV	12 kV	8 kV	12 kV
Category of use EN 60947-3	400 V	AC-23 B	AC-23 B	AC-23 B	AC-23 B
	500 V	AC-22 B	AC-22 B	AC-22 B	AC-22 B
	690 V	AC-21 B (125 A)	AC-22B & AC-21 B	AC-22B & AC-21 B	AC-21 B (500 A)
	800 V	AC-22 B (63A)	AC-22 B (160 A)	AC-20 B(1)	AC-22 B (315 A)
Conditional rated short-circuit current (with gG/gL fuses)	500 V	-	120 kA	120 kA	100 kA
	690 V	100 kA	100 kA	100 kA	80 kA
Power dissipated by fuse carrier (without fuse component)		28 W	24 W	60 W	118 W

1: Rated current according to the available fuse links, taking into account the maximum permissible power dissipation 34 W. Do not switch under load.

Connection characteristics

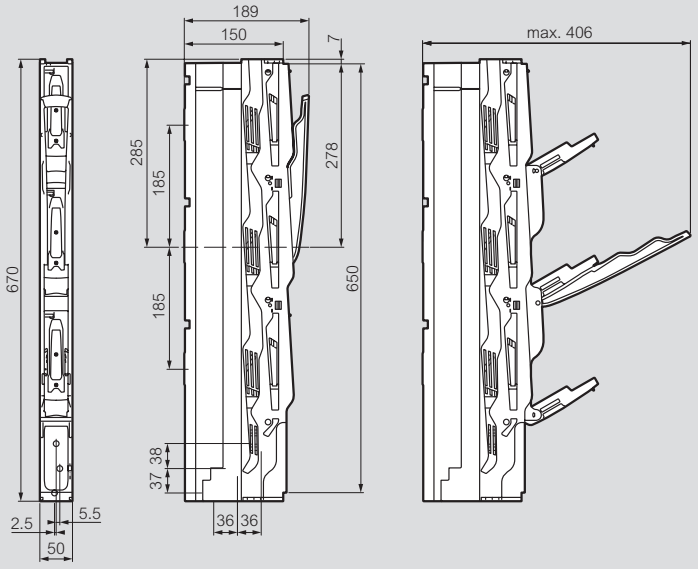
Size	Screw terminals	Direct connection terminals	Prism connection
00	M8 70 mm²	-	Cu, Al re: 1 x 10 mm² rm: 1 x 16 - 95 mm² sm: 1 x 35 - 95 mm² f: 1 x 10 - 95 mm² f+AE: 1 x 10 - 70 mm²
1	M12 2 x 185 mm² - 240 mm²	sm: 1 x 35 - 150 mm² se: 1 x 50 - 185 mm² rm: 1 x 35 - 70 mm² re: 1 x 50 mm² Md 32 - 40 Nm sm: 2 x 35 - 150 mm² se: 2 x 5 + C20 - 185 mm² rm: 2 x 35 - 70 mm² re: 2 x 35 - 50 mm² Md 18 - 24 Nm	-

Size	Screw terminals	Direct connection terminals	Prism connection
2	M12 2 x 185 mm² - 240 mm²	sm: 1 x 35 - 150 mm² se: 1 x 50 - 185 mm² rm: 1 x 35 - 70 mm² re: 1 x 50 mm² Md 32 - 40 Nm sm: 2 x 35 - 150 mm² se: 2 x 50 - 185 mm² rm: 2 x 35 - 70 mm² re: 2 x 35 - 50 mm² Md 18 - 24 Nm	-
3	M12 2 x 185 mm² - 240 mm²	sm: 1 x 35 - 150 mm² se: 1 x 50 - 185 mm² rm: 1 x 35 - 70 mm² re: 1 x 50 mm² Md 32 - 40 Nm sm: 2 x 35 - 150 mm² se: 2 x 50 - 185 mm² rm: 2 x 35 - 70 mm² re: 2 x 35 - 50 mm² Md 18 - 24 Nm	-

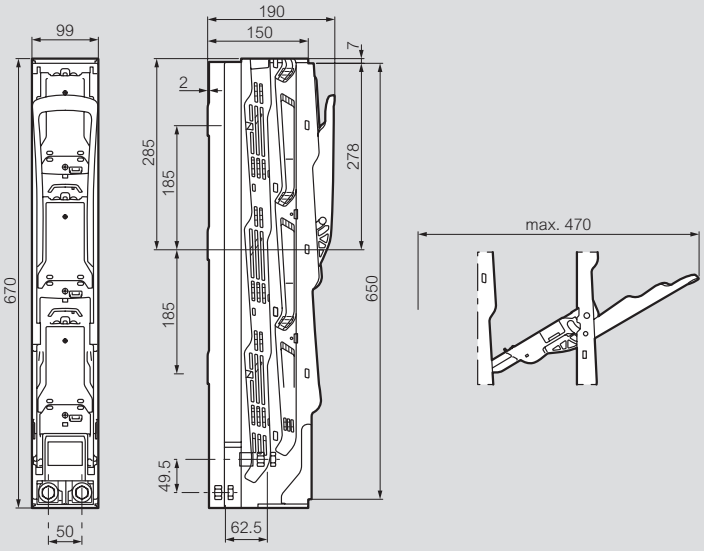
Cable type:
sm: stranded sectored
se: solid sectored
rm: stranded round
re: solid round
f: flexible
AE: wire-end ferrules

Dimensions (mm)

Installing the SPX³-V 00 Cat.No 6 058 50 on 185 mm busbar supports



Installing the SPX³-V Cat.No 6 058 51/52/53 on 185 mm busbar supports



MOTOR PROTECTION AND CONTROL

MPX³, CTX³, RTX³

A complete range of devices for protection and control of motors

See the video

MPX³ MPCBs

- Compact design
- Rated current up to 100 A
- High breaking capacity range : 100 kA at 230 V for all rated currents
- Complete range of common control and signalling auxiliaries and accessories

STANDARD BREAKING CAPACITY	HIGH BREAKING CAPACITY			MAGNETIC ONLY
MPX³ 32S	MPX³ 32H	MPX³ 63H	MPX³ 100 H	MPX³ 32MA

CTX³ contactors and mini contactors

- Compact design
- 3-pole and 4-pole
- Operating current from 6 to 800 A (AC 3)
- Screw and cage terminals
- Complete range of auxiliaries and accessories

RTX³ thermal overload relays
- Differential and standard versions
- Direct connection on CTX³ contactors
- Mounting units available for mounting separately from contactors

4-pole CTX³ contactors from 40 to 900 A

MPCBs MPX³

technical characteristics

| | | |

MPCBs MPX³

motor protection circuit breakers from 0.16 A to 100 A

4 173 08

4 173 68

4 173 79

4 173 48

Technical characteristics and dimensions **p. 272 to 277**

Conform to IEC 60947-1, IEC 60947-2, IEC 60947-4 ; class 10

Thermal magnetic MPCBs

Adjustable thermal release
Magnetic release 13 Ie max.

MPX³ 32S

Standard breaking capacity
With toggle handle
Fixing on rail ⊔

Pack	Cat.Nos 3P	3-phase motor 400/415 V (kW)	Thermal release adjustment range (A)	Magnetic release operating current (A)	415 V breaking capacity Icu (kA)
1	4 173 00	0.02	0.1 to 0.16	2.1	100
1	4 173 01	0.06	0.16 to 0.25	3.3	100
1	4 173 02	0.09	0.25 to 0.4	5.2	100
1	4 173 03	0.12	0.4 to 0.63	8.2	100
1	4 173 04	0.18/0.25	0.63 to 1	13	100
1	4 173 05	0.37/0.55	1 to 1.6	20.8	100
1	4 173 06	0.75	1.6 to 2.5	32.5	100
1	4 173 07	1.5	2.5 to 4	52	100
1	4 173 08	2.2	4 to 6	78	100
1	4 173 09	3	5 to 8	104	100
1	4 173 10	4	6 to 10	130	50
1	4 173 11	5.5	9 to 13	169	50
1	4 173 12	7.5	11 to 17	221	20
1	4 173 13	7.5	14 to 22	286	15
1	4 173 14	11	18 to 26	338	15
1	4 173 15	15	22 to 32	416	15

MPX³ 32H

High breaking capacity
With rotary handle
Fixing on rail ⊔

Pack	Cat.Nos 3P	3-phase motor 400/415 V (kW)	Thermal release adjustment range (A)	Magnetic release operating current (A)	415 V breaking capacity Icu (kA)
1	4 173 20	0.02	0.1 to 0.16	2.1	100
1	4 173 21	0.06	0.16 to 0.25	3.3	100
1	4 173 22	0.09	0.25 to 0.4	5.2	100
1	4 173 23	0.12	0.4 to 0.63	8.2	100
1	4 173 24	0.18/0.25	0.63 to 1	13	100
1	4 173 25	0.37/0.55	1 to 1.6	20.8	100
1	4 173 26	0.75	1.6 to 2.5	32.5	100
1	4 173 27	1.5	2.5 to 4	52	100
1	4 173 28	2.2	4 to 6	78	100
1	4 173 29	3	5 to 8	104	100
1	4 173 30	4	6 to 10	130	100
1	4 173 31	5.5	9 to 13	169	100
1	4 173 32	7.5	11 to 17	221	50
1	4 173 33	7.5	14 to 22	286	50
1	4 173 34	11	18 to 26	338	50
1	4 173 35	15	22 to 32	416	50

MPX³ 63H

High breaking capacity
With rotary handle
Fixing on rail ⊔ or by screw

Pack	Cat.Nos 3P	3-phase motor 400/415 V (kW)	Thermal release adjustment range (A)	Magnetic release operating current (A)	415 V breaking capacity Icu (kA)
1	4 173 60	4	6 to 10	130	100
1	4 173 61	5.5	9 to 13	169	100
1	4 173 62	7.5	11 to 17	221	50
1	4 173 63	7.5	14 to 22	286	50
1	4 173 64	11	18 to 26	338	50
1	4 173 65	15	22 to 32	416	50
1	4 173 66	18.5	28 to 40	520	50
1	4 173 67	22	34 to 50	650	50
1	4 173 68	30	45 to 63	819	50

Thermal magnetic MPCBs (continued)

MPX³ 100H

High breaking capacity
With rotary handle
Fixing on rail ⊔ or by screw

Pack	Cat.Nos 3P	3-phase motor 400/415 V (kW)	Thermal release adjustment range (A)	Magnetic release operating current (A)	415 V breaking capacity Icu (kA)
1	4 173 70	7.5	11 to 17	221	100
1	4 173 71	7.5	14 to 22	286	100
1	4 173 72	11	18 to 26	338	100
1	4 173 73	15	22 to 32	416	100
1	4 173 74	18.5	28 to 40	520	100
1	4 173 75	22	34 to 50	650	100
1	4 173 76	30	45 to 63	819	100
1	4 173 77	37	55 to 75	975	75
1	4 173 78	45	70 to 90	1170	75
1	4 173 79	45	80 to 100	1300	75

Magnetic only MPCBs

Without thermal release
Magnetic release 13 x Ie max.

MPX³ 32MA

High breaking capacity
With rotary handle
Fixing on rail ⊔

Pack	Cat.Nos 3P	3-phase motor 400/415 V (kW)	Magnetic release operating current (A)	415 V breaking capacity Icu (kA)
1	4 173 40	0.02	2.1	100
1	4 173 41	0.06	3.3	100
1	4 173 42	0.09	5.2	100
1	4 173 43	0.12	8.2	100
1	4 173 44	0.18/0.25	13	100
1	4 173 45	0.37/0.55	20.8	100
1	4 173 46	0.75	32.5	100
1	4 173 47	1.5	52	100
1	4 173 48	2.2	78	100
1	4 173 49	3	104	100
1	4 173 50	4	130	100
1	4 173 51	5.5	169	100
1	4 173 52	7.5	221	50
1	4 173 53	7.5	286	50
1	4 173 54	11	338	50
1	4 173 55	15	416	50

MPCBs MPX³

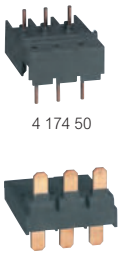
accessories

4 174 00

4 174 03

4 174 12

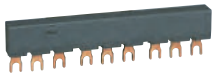
4 174 22


4 174 50

4 174 56

4 174 61

4 174 63


4 174 73

4 174 81

Pack	Cat.Nos	Auxiliary contacts
		2-pole
		Side mounting
		Mounting on the left side of MPCBs
		One module per MPCB
2	4 174 00	1 NO + 1 NC
2	4 174 01	2 NO
2	4 174 02	2 NC
		Front mounting
		One module per MPCB
10	4 174 03	1 NO + 1 NC
10	4 174 04	2 NO
10	4 174 05	2 NC
		Alarm contacts
		1 NO + 1 NC
		Any trip alarm contact
		Operate in case of trip
		Mounting on the left side of MPCBs
		Set alarm contact first in case of using auxiliary contact together (MPX³ 63H can not accept auxiliary contact and alarm contact together)
1	4 174 06	For MPX³ 32
1	4 174 08	For MPX³ 63 and 100
		Magnetic trip alarm contact
		Operate in case of instantaneous trip
		Mounting on the left side of MPCBs
		Set alarm contact first in case of using auxiliary contact together
2	4 174 07	1 NO + 1 NC
		Shunt release
		Mounting on the right side of MPCBs
		One release per MPCB
1	4 174 10	24 V - 50 Hz / 28 V - 60 Hz
1	4 174 11	110 V - 50 Hz / 120 V - 60 Hz
1	4 174 12	220-230 V - 50 Hz / 240-260 V - 60 Hz
1	4 174 13	380-400 V - 50 Hz / 440-460 V - 60 Hz
		Undervoltage release
		Mounting on the right side of MPCBs
		One release per MPCB
		Without auxiliary contact
1	4 174 20	24 V - 50 Hz / 28 V - 60 Hz
1	4 174 21	110 V - 50 Hz / 120 V - 60 Hz
1	4 174 22	220-230 V - 50 Hz / 240-260 V - 60 Hz
1	4 174 23	380-400 V - 50 Hz / 440-460 V - 60 Hz
		With 2 NO auxiliary contacts
		Can not attach to MPX³ 32S
1	4 174 30	24 V - 50 Hz / 28 V - 60 Hz
1	4 174 31	110 V - 50 Hz / 120 V - 60 Hz
1	4 174 32	220-230 V - 50 Hz / 240-260 V - 60 Hz
1	4 174 33	380-400 V - 50 Hz / 440-460 V - 60 Hz
		Dial Cover
		Sealable cover to protect the set value from the operation that is not intended
400	4 174 79	For all types of MPX³

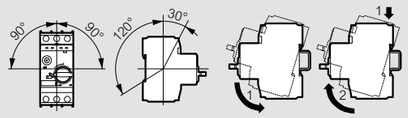
Pack	Cat.Nos	Direct adaptator and mounting unit
		For mounting CTX³ contactors under MPX³ MPCBs
		Direct adaptators
		Used to connect MPX³ directly with the contactor
2	4 174 40	For MPX³ 32S with CTX³ mini AC (p. 280)
2	4 174 41	For MPX³ 32S with CTX³ mini DC (p.280)
2	4 174 42	For MPX³ 32H/32MA with CTX³ mini AC (p. 280)
2	4 174 43	For MPX³ 32H/32MA with CTX³ mini DC (p. 280)
2	4 174 48	For MPX³ 32S with CTX³ 22 AC (p. 282)
2	4 174 49	For MPX³ 32S with CTX³ 22 DC (p. 282)
2	4 174 50	For MPX³ 32H/32MA with CTX³ 22 AC (p. 282)
2	4 174 51	For MPX³ 32H/32MA with CTX³ 22 DC (p. 282)
2	4 174 52	For MPX³ 32S with CTX³ 40 AC (p. 282)
2	4 174 53	For MPX³ 32S with CTX³ 40 DC (p. 282)
2	4 174 54	For MPX³ 32H/32MA with CTX³ 40 AC (p. 282)
2	4 174 55	For MPX³ 32H/32MA with CTX³ 40 DC (p. 282)
2	4 174 56	For MPX³ 63H with CTX³ 65 AC with lug type terminals (p. 282)
2	4 174 57	For MPX³ 63H with CTX³ 65 DC with cage type terminals (p. 282)
1	4 174 58	For MPX³ 100H with CTX³ 100 AC with cage type terminals (p. 282)
1	4 174 59	For MPX³ 100H with CTX³ 100 DC with cage type terminals (p. 282)
		Mounting unit
		This device is used for joining together MPX³ MPCBs and CTX³ contactors
		Screws not supplied
1	4 174 60	For MPX³ 32S/32H/32MA
1	4 174 61	For MPX³ 63H
1	4 174 62	For MPX³ 100H
		Rotary handle
		Mounting on panel's door to control the MPX³
1	4 174 63	For MPX³ 32H and 32 MA
1	4 174 64	For MPX³ 63H
1	4 174 65	For MPX³ 100H
		Phase busbar
		For parallel connection of MPX³
		For MPX³ 32S, 32H and 32MA
10	4 174 71	2 devices - rated current 63 A
10	4 174 73	3 devices - rated current 63 A
10	4 174 75	4 devices - rated current 63 A
10	4 174 76	5 devices - rated current 63 A
4	4 174 77	Feeder for phase busbar - rated current 32 A
		For MPX³ 63H
		Rated current 108 A
4	4 174 72	2 devices
4	4 174 74	3 devices
		Enclosures for MPX³ 32H and 32MA
		IP 65 enclosure to use in dusty areas as well as in presence of corrosive gas or liquid
1	4 174 80	Yellow/red rotary handle
1	4 174 81	With black rotary handle

MPCBs MPX³

technical characteristics

Mounting

MPX³ 32: 35 mm ⎓ rail (depth 15 mm)
MPX³ 63: 35 mm ⎓ rail (depth 15 mm) or screws
MPX³ 100: 35 mm (depth 15 mm) or 75 mm ⎓ rail or screws



Operating positions

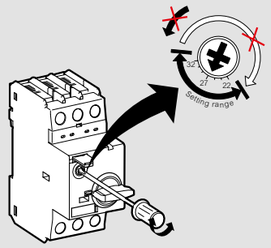
DIN rail mounting

Environment

Ambient air temperature:
- storage: -50…+80°C
- operation: -20…+60°C
Ambient temperature compensation: - 20…+60°C
Maximum operating altitude: 2000 m
Protection degree: IP20
Shock resistance: 25 g
Vibration resistance: 5~150 Hz

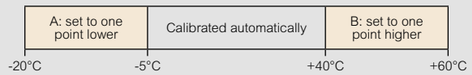
Caution for thermal adjustments

1. Keep the setting range as shown below
2. Moving counterclockwise out of the setting range may cause the damage of the device



Dial setting method

3. Calibration by ambient air temperature



In case of using out of the standard air temperature range (-5°C to +40°C) it needs to be calibrated by one point

Power consumption

	MPX³ 32S	MPX³ 32H/MA	MPX³ 63H	MPX³ 100H
Total power loss Pv	In = 0.16 to 1.6 A : 4.4	In = 0.16 to 1.6 A : 4.4	In = 10 to 22 A : 10.2	In = 17 to 32 A : 15
Circuit breaker at rated load operating temperature (W)	In = 2.5 to 26 A : 7.4	In = 2.5 to 26 A : 7.4	In = 26 to 63 A : 9.7	In = 40 to 63 A : 21.8
	In = 32 A : 4.0	In = 32 A : 4.0		In = 75 to 100 A : 17.8

MPX³ 32S

Rated operational current Ie (A)	0.16	0.25	0.4	0.63	1	1.6	2.5	4	6	8	10	13	17	22	26	32
Switching of standard three-phase motors AC-2, AC-3																
230/240 V (kW)	-	0.03	0.06	0.09	0.12	0.18/0.25	0.37	0.55/0.75	1.1/1.5	1.5	2.2/3	3	3.7/4	4	5.5	7.5
400/415 V (kW)	0.02	0.06	0.09	0.12	0.18/0.25	0.37/0.55	0.75	1.1/1.5	2.2	3	3.7/4	5.5	7.5	7.5	11	15
500 V (kW)	-	-	-	0.25	0.37	0.55/0.75	1.1	1.5/2.2	3	3.7	4/5.5	7.5	11	11	15	18.5
690 V (kW)	-	-	-	0.25	0.37/0.55	0.75/1.1	1.5	2.2/3	3.7/4	5.5	7.5	11	11	15	18.5	22
Back-up fuses gG, gL, only if Icc > Icu (* = no back up fuse required)																
230/240 V (A)	*	*	*	*	*	*	*	*	*	*	*	*	*	125	125	125
400/415 V (A)	*	*	*	*	*	*	*	*	*	*	80	80	100	100	100	100
440/460 V (A)	*	*	*	*	*	*	*	50	50	63	63	80	80	100	100	100
500 V (A)	*	*	*	*	*	*	50	40	50	63	63	80	80	80	80	80
690 V (A)	*	*	*	*	*	20	35	40	50	63	63	63	63	63	63	63

MPX³ 32H

Rated operational current Ie (A)	0.16	0.25	0.4	0.63	1	1.6	2.5	4	6	8	10	13	17	22	26	32
Switching of standard three-phase motors AC-2, AC-3																
230/240 V (kW)	-	0.03	0.06	0.09	0.12	0.18/0.25	0.37	0.55/0.75	1.1/1.5	1.5	2.2/3	3	3.7/4	4	5.5	7.5
400/415 V (kW)	0.02	0.06	0.09	0.12	0.18/0.25	0.37/0.55	0.75	1.1/1.5	2.2	3	3.7/4	5.5	7.5	7.5	11	15
500 V (kW)	-	-	-	0.25	0.37	0.55/0.75	1.1	1.5/2.2	3	3.7	4/5.5	7.5	11	11	15	18.5
690 V (kW)	-	-	-	0.25	0.37/0.55	0.75/1.1	1.5	2.2/3	3.7/4	5.5	7.5	11	11	15	18.5	22
Back-up fuses gG, gL, only if Icc > Icu (* = no back up fuse required)																
230/240 V (A)	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
400/415 V (A)	*	*	*	*	*	*	*	*	*	*	*	*	*	100	125	125
440/460 V (A)	*	*	*	*	*	*	*	*	*	80	80	80	80	100	100	100
500 V (A)	*	*	*	*	*	*	*	*	*	63	80	80	80	80	80	80
690 V (A)	*	*	*	*	*	*	35	40	50	63	63	63	63	63	63	63

MPX³ tripping curve
see technical sheets

MPX³ 32MA

Rated operational current Ie (A)	0.16	0.25	0.4	0.63	1	1.6	2.5	4	6	8	10	13	17	22	26	32
AC-2, AC-3																
230/240V (kW)	-	0.03	0.06	0.09	0.12	0.18/0.25	0.37	0.55/0.75	1.1/1.5	1.5	2.2/3	3	3.7/4	4	5.5	7.5
400/415V (kW)	0.02	0.06	0.09	0.12	0.18/0.25	0.37/0.55	0.75	1.1/1.5	2.2	3	3.7/4	5.5	7.5	7.5	11	15
500V (kW)	-	-	-	0.25	0.37	0.55/0.75	1.1	1.5/2.2	3	3.7	4/5.5	7.5	11	11	15	18.5
690V (kW)	-	-	-	0.25	0.37/0.55	0.75/1.1	1.5	2.2/3	3.7/4	5.5	7.5	11	11	15	18.5	22
Back-up fuses gG, gL, only if Icc > Icu (* = no back up fuse required)																
230/240V (A)	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
400/415V (A)	*	*	*	*	*	*	*	*	*	*	*	*	*	100	125	125
440/460V (A)	*	*	*	*	*	*	*	*	*	80	80	80	80	100	100	100
500V (A)	*	*	*	*	*	*	*	*	*	63	80	80	80	80	80	80
690V (A)	*	*	*	*	*	*	35	40	50	63	63	63	63	63	63	63

MPX³ 63H

Rated operational current Ie (A)	10	13	17	22	26	32	40	50	63
Switching of standard three-phase motors AC-2, AC-3									
230/240V (kW)	2.2/3	3	3.7/4	4	5.5	7.5	7.5	11	15
400/415V (kW)	3.7/4	5.5	7.5	7.5	11	15	18.5	22	30
500V (kW)	4/5.5	7.5	11	11	15	18.5	22	30	37
690V (kW)	7.5	11	11	15	18.5	22	30	45	55
Back-up fuses gG, gL, only if Icc > Icu (* = no back up fuse required)									
230/240V (A)	*	*	*	*	*	*	*	*	*
400/415V (A)	*	*	100	125	125	125	160	160	160
440/460V (A)	100	100	100	125	125	125	125	125	160
500V (A)	100	100	100	100	100	100	100	100	100
690V (A)	63	63	63	80	80	80	80	80	80

MPX³ 100H

Rated operational current Ie (A)	17	22	26	32	40	50	63	75	90	100
Switching of standard three-phase motors AC-2, AC-3										
230/240V (kW)	3.7/4	4	5.5	7.5	7.5	11	15	22	30	30
400/415V (kW)	7.5	7.5	11	15	18.5	22	30	37	45	45
500V (kW)	11	11	15	18.5	22	30	37	45	55	63
690V (kW)	11	15	18.5	22	30	45	55	63	75	90
Back-up fuses gG, gL, only if Icc > Icu (* = no back up fuse required)										
230/240V (A)	*	*	*	*	*	*	*	*	*	*
400/415V (A)	*	*	*	*	*	*	*	*	*	*
440/460V (A)	125	125	125	160	160	160	200	200	200	200
500V (A)	100	125	125	125	160	160	160	160	160	160
690V (A)	80	80	80	80	80	100	100	125	160	160

Number of auxiliaries per circuit breaker

Auxiliaries		MPX³ 32S	MPX³ 32H/MA	MPX³ 63H	MPX³ 100H
Auxiliary contact	**front mounting**	1	1	1 or 1	1
	side mounting	1	1		1
Fault signalling contact		1	1	1	1
Shunt release or undervoltage release		1	1	1	1

MPCBs MPX³

technical characteristics (continued)

Terminals

			MPX³ 32S	MPX³ 32H / 32 MA	MPX³ 63H	MPX³ 100H
Conformity to standards			IEC60947 UL508, UL508 Type E			
Approvals			CE, UL			
Terminal parts						
Screwdriver						
Single-core	1 conductor	(mm²) / (AWG)	1...10 / 18...8	1...10 / 18...8	0.75...35 / 18...2	2.5...70 / 12...2/0
	2 conductor	(mm²) / (AWG)	1...6 / 18...10	1...6 / 18...10	0.75...25 / 18...4	2.5...50 / 12...1/0
Standard	1 conductor	(mm²) / (AWG)	1...6 / 18...10	1...6 / 18...10	0.75...35 / 18...2	2.5...70 / 12...2/0
	2 conductor	(mm²) / (AWG)	1...6 / 18...10	1...6 / 18...10	0.75...25 / 18...4	2.5...50 / 12...1/0
Flexible	1 conductor	(mm²) / (AWG)	1...6 / 18...10	1...6 / 18...10	0.75...25 / 18...4	2.5...50 / 12...1/0
	2 conductor	(mm²) / (AWG)	0.75...4 / 18...10	0.75...4 / 18...10	0.75...16 / 18...6	2.5...35 / 10...2
Tightening torque		(Nm) / (lb-in)	0.8...2.5 / 7...22	0.8...2.5 / 7...22	3...4.5 / 26...39	4...6 / 35...53

Auxiliaries

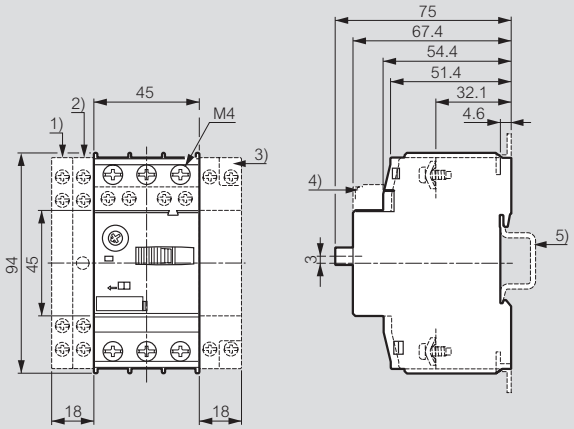
			Auxiliary contacts for front mounting		Auxiliary contacts for left side mounting		Alarm switch for left side mounting	
Rated thermal current / Ith								
at 40 °C ambient temperature		(A)	5		10		10	
at 60 °C ambient temperature		(A)	3		6		6	
Contact class coordination according to NEMA								
(UL/CSA-Standards)		AC	A600		A600		A600	
		DC	Q300		Q300		Q300	
Back-up fuses gG, gL		(A)	16		16		16	
Rated supply current								
	AC-15	(V)	-	240	24	240	24	240
		(A)	-	3	6	4	6	4
	DC-13	(V)	24	220	24	220	24	220
		(A)	1	0.1	2	0.25	2	0.25
Weight (g)			18		30		40	
Terminal parts								
Screwdriver					Pozidriv size 2			
Single-core	1 conductor	(mm²) / (AWG)	0.5...2.5 / 20...14		0.5...2.5 / 20...14			
	2 conductor	(mm²) / (AWG)	-		0.5...2.5 / 20...14			
Standard	1 conductor	(mm²) / (AWG)	0.5...4 / 20...10		0.5...4 / 20...10			
	2 conductor	(mm²) / (AWG)	0.75...2.5 / 18...14		0.75...2.5 / 18...14			
Tightening torque		(Nm) / (lb-in)	0.8...1.2 / 7...10		0.8...1.2 / 7...10			

			Undervoltage release for right side mounting	Undervoltage release with 2 auxiliary contacts for right side mounting	Shunt release for right side mounting
Actuating voltage					
		Pull-in	0.7...1.1 x Us	0.85...1.1 x Us	0.85...1.1 x Us
		Drop-out		0.7...0.35 x Us	0.7...0.35 x Us
Rated control voltage					
		min:	24 V 50 Hz / 28 V 60 Hz	24 V 50 Hz / 28 V 60 Hz	24 V 50 Hz / 28 V 60 Hz
		max:	415-440 V 50 Hz / 460-480 V 60 Hz	415-440 V 50 Hz / 460-480 V 60 Hz	415-440 V 50 Hz / 460-480 V 60 Hz
Coil rating					
		Pull-in	8.5 VA, 6 W	8.5 VA, 6 W	8.5 VA, 6 W
		Hold	3 VA, 12 W	3 VA, 12 W	3 VA, 12 W
Opening time (ms)			-	20	20
Weight (g)			18	30	40
Terminal parts					
Screwdriver			Pozidriv size 2		
Single-core	1 conductor	(mm²) / (AWG)	0.5...2.5 / 20...14		
	2 conductor	(mm²) / (AWG)	0.5...2.5 / 20...14		
Standard	1 conductor	(mm²) / (AWG)	0.5...4 / 20...10		
	2 conductor	(mm²) / (AWG)	0.75...2.5 / 18...14		
Tightening torque		(Nm) / (lb-in)	0.8...1.2 / 7...10		

MPCBs MPX³

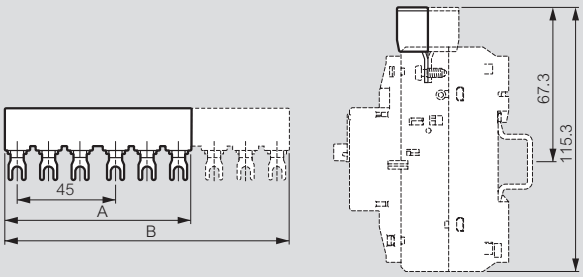
dimensions

MPX³ 32S



Weight: 0.320 kg

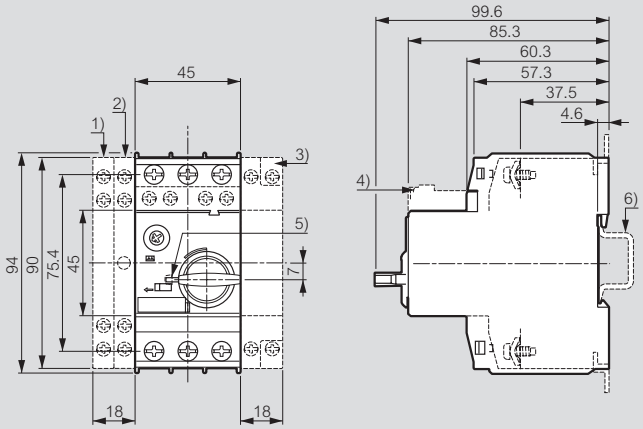
1) Side auxiliary contact
2) Side magnetic trip alarm contact
3) Side shunt release or
Side undervoltage release
4) Front auxiliary contact
5) 35 mm standard mounting rail acc. to EN 50 022



Cat.Nos	Numbers of MPX³	A(1) (mm)	B (mm)
4 174 71	2	85	-
4 174 73	3	-	130
4 174 75	4	-	175
4 174 76	5	-	220

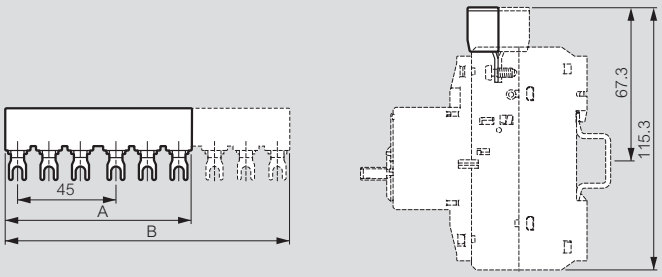
1: Only for Cat.No 4 174 71

MPX³ 32H / 32MA



Weight: 0.360 kg

1) Side auxiliary contact
2) Side magnetic trip alarm contact
3) Side shunt release or
Side undervoltage release
4) Front auxiliary contact
5) Handle lock in OFF position (Ø 5 mm)
6) 35 mm standard mounting rail acc. to EN 50 022



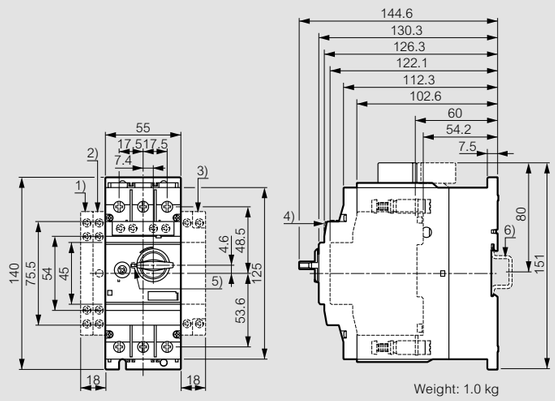
Cat.No	Numbers of MPX³	A(1) (mm)	B (mm)
4 174 71	2	85	-
4 174 73	3	-	130
4 174 75	4	-	175
4 174 76	5	-	220

1: Only for Cat.No 4 174 71

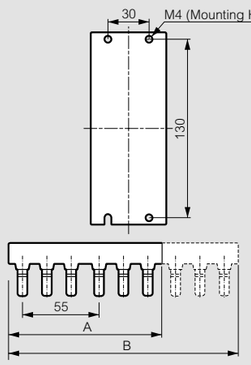
MPCBs MPX³

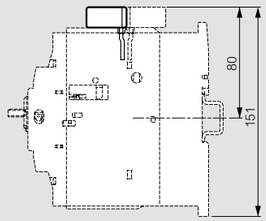
dimensions (continued)

MPX³ 63H



Weight: 1.0 kg



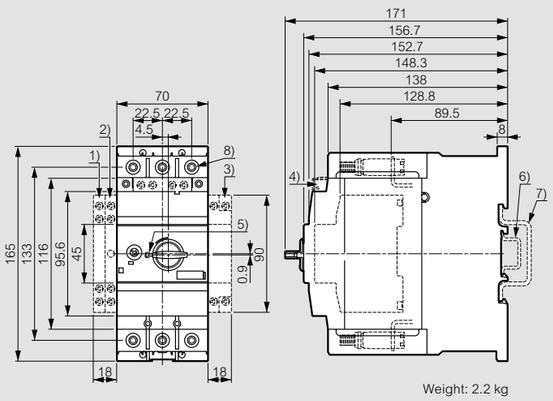


1) Side auxiliary contact
2) Side magnetic trip alarm contact
3) Side shunt release or Side undervoltage release
4) Front auxiliary contact
5) Handle lock in OFF position (Ø 5 mm)
6) 35 mm standard mounting rail acc. to EN 50 022

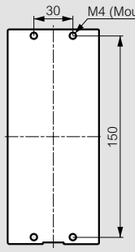
Cat.Nos	Numbers of MPX³	A(1) (mm)	B (mm)
4 174 72	2	110	-
4 174 74	3	-	165

1: Only for Cat.No 4 174 72

MPX³ 100H



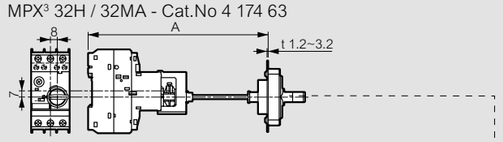
Weight: 2.2 kg



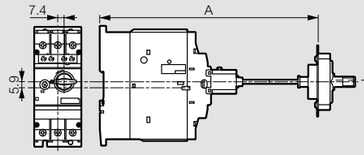
1) Side auxiliary contact
2) Side magnetic trip alarm contact
3) Side shunt release or Side undervoltage release
4) Front auxiliary contact
5) Handle lock in OFF position (Ø 5 mm)
6) 35 mm standard mounting rail acc. to EN 50 022
7) 75 mm standard mounting rail acc. to EN 50 023
6) 4 mm hexagon socket screw

External Handle

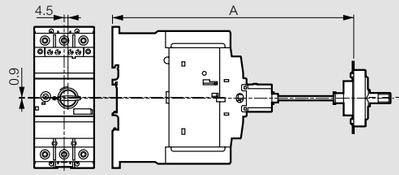
MPX³ 32H / 32MA - Cat.No 4 174 63

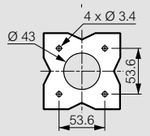


MPX³ 63H - Cat.No 4 174 64



MPX³ 100H - Cat.No 4 174 65

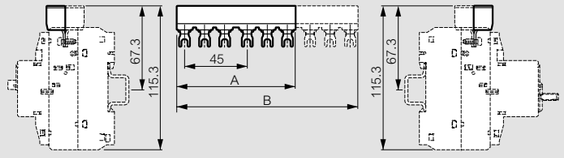




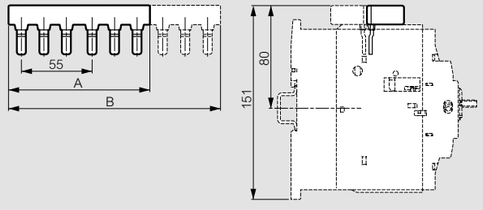
Cat.Nos	A (mm)	MMS Type
4 174 63	min: 148.6 max: 410.6 (Shaft 315mm)	MPX³ 32H / 32MA
4 174 64	min: 193.6 max: 455.6 (Shaft 315mm)	MPX³ 63H
4 174 65	min: 220 max: 482 (Shaft 315mm)	MPX³ 100H

Phase Bus

Cat.Nos 4 174 71/73/75/76



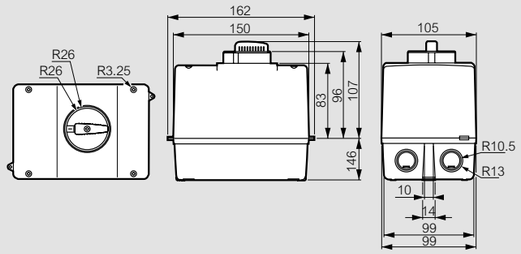
Cat.Nos 4 174 72/74



Cat.Nos	Number of MPX³	A (mm)	B (mm)
4 174 71	2	85	-
4 174 72	3	-	130
4 174 73	2	110	-
4 174 74	3	-	165
4 174 75	4	-	175
4 174 76	5	-	220

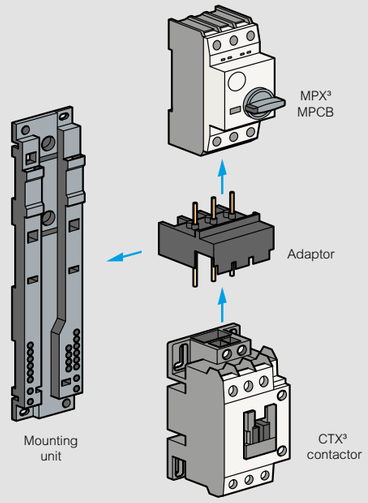
Enclosure

Cat.Nos 4 174 80/81



Mounting units - installation principle

Cat.Nos 4 174 60/61/62



MPX³ MPCB	CTX³ contactor	Adaptor	Mounting unit
MPX³ 32S	CTX³ mini ∿	4 174 40	4 174 60
	CTX³ mini ⎓	4 174 41	
	CTX³ 22 ∿	4 174 48	
	CTX³ 22 ⎓	4 174 49	
	CTX³ 40 ∿	4 174 52	
	CTX³ 40 ⎓	4 174 53	
MPX³ 32H/MA	CTX³ mini ∿	4 174 42	
	CTX³ mini ⎓	4 174 43	
	CTX³ 22 ∿	4 174 50	
	CTX³ 22 ⎓	4 174 51	
	CTX³ 40 ∿	4 174 54	
	CTX³ 40 ⎓	4 174 55	
MPX³ 63H	CTX³ 65 ∿	4 174 56	4 174 61
	CTX³ 65 ⎓	4 174 57	
MPX³ 100H	CTX³ 100 ∿	4 174 58	4 174 62
	CTX³ 100 ⎓	4 174 59	

3-pole contactors CTX³ and thermal overload relays RTX³

technical characteristics

Contactor		**CTX³ mini**				**CTX³ 22**				**CTX³ 40**			**CTX³ 65**		**CTX³ 100**			**CTX³ 150**		**CTX³ 225**		**CTX³ 400**			**CTX³ 800**		
Size		-				2				3			4		5			6		7		8			9		
Terminals type		screw				screw				screw			screw or cage		screw or cage			screw or cage		screw		screw			screw		
Rated operational voltage, Ue		690 V				690 V				690 V			690 V		690 V			690 V		690 V		690 V			690 V		
Rated insulation voltage, Ui		690 V				690 V				1000 V			1000 V		1000 V			1000 V		1000 V		1000 V			1000 V		
Rated frequency		50/60 Hz				50/60 Hz				50/60 Hz			50/60 Hz		50/60 Hz			50/60 Hz		50/60 Hz		50/60 Hz			50/60 Hz		
Rated impulse withstand voltage, Uimp		6 kV				6 kV				8 kV			8 kV		8 kV			8 kV		8 kV		8 kV			8 kV		
Max. operating rate in operation cycle per hour (AC-3)		1800				1800				1800			1800		1800			1200		1200		1200			1200		
Durability in millions of operations	**Mechanical**	12				15				12			12		12			5		5		5		2.5	2.5		
	Electrical	1				2.5				2			2		2			1		1		1		0.5	0.5		
	Type	6 A	9 A	12 A	16 A	9 A	12 A	18 A	22 A	32 A	40 A		50 A	65 A	75 A	85 A	100 A	130 A	150 A	185 A	225 A	265 A	330 A	400 A	500 A	630 A	800 A
Current and power **AC-1**	**Thermal current (A)**	20	20	20	20	25	25	40	40	50	60		70	100	110	135	160	160	210	230	275	300	350	450	580	660	900
AC-3	**200/240 V (kW)**	1.5	2.2	3	4	2.5	3.5	4.5	5.5	7.5	11		15	18.5	22	25	30	37	45	55	75	80	90	125	147	190	220
	(A)	7	9	12	15	11	13	18	22	32	40		55	65	75	85	105	130	150	185	225	265	330	400	500	630	800
	380/440 V (kW)	2.2	4	5.5	7.5	4	5.5	7.5	11	15	18.5		22	30	37	45	55	60	75	90	132	147	160	200	265	330	440
	(A)	6	9	12	16	9	12	18	22	32	40		50	65	75	85	105	130	150	185	225	265	330	400	500	630	800
	500/550 V (kW)	3	3.7	4	5.5	4	7.5	7.5	15	18.5	22		30	33	37	45	55	60	70	110	132	147	160	225	265	330	500
	(A)	5	6	7	9	7	12	13	20	28	32		43	60	64	75	85	90	100	180	200	225	280	350	400	500	720
	690 V (kW)	3	4	4	4	4	7.5	7.5	15	18.5	22		30	33	37	45	55	55	55	110	140	160	200	250	300	400	500
	(A)	4	5	5	5	5	9	9	18	20	23		28	35	42	45	65	60	60	120	150	185	225	300	380	420	630
	1000 V (kW)	-	-	-	-	-	-	-	-	22	22		30	30	37	27	37	75	75	132	132	147	147	147	220	220	220
	(A)	-	-	-	-	-	-	-	-	17	17		23	23	28	28	28	53	53	90	90	105	105	105	280	280	280
UL rating 50/60 Hz **Continuous current (A)**		20	20	20	20	25	25	40	40	50	60		70	100	110	135	160	160	210	230	275	300	350	450	580	660	900
Single phase	**110/220 V (HP)**	1/2	1/2	1	-	0.5	0.75	1	2	2	3		3	5	5	7.5	10	10	15	15	15	-	-	-	-	-	-
	220/240 V (HP)	1	1.5	2	-	1.5	2	3	3	5	7.5		10	15	15	15	20	20	25	30	40	-	-	-	-	-	-
Three phase	**200/208 V (HP)**	-	-	-	-	2	3	5	7.5	7.5	15		20	25	25	30	30	40	40	60	60	75	100	125	150	200	200
	220/240 V (HP)	1.5	3	3	-	3	5	7.5	10	10	15		25	30	30	40	40	40	50	60	75	100	125	150	200	250	300
	440/480 V (HP)	3	5	7.5	-	5	7.5	10	15	20	30		40	50	50	60	75	75	100	125	150	200	250	300	400	500	600
	550/600 V (HP)	3	5	7.5	-	7.5	10	15	20	25	30		50	60	60	75	75	75	75	125	150	200	250	300	400	500	600
	NEMA size	00	00	00	0	00	00	0	1	1	1		2	2	2	3	3	3	4	4	4	5	5	5	6	6	7
Weight and size **AC control**	**Weight (kg)**	0.17				0.34				0.4			0.9		1.6			2.4		5.4		9.2			22.4		
	Size (W x H x D) (mm)	45 × 58 × 57				45 × 73.5 × 87.4				45 × 83 × 90			55 × 106 × 119		70 × 140 × 135.8			95 × 158 × 130.3		138 × 203 × 185.1		163 × 243 × 204.4			285 × 312 × 245.3		
DC control	**Weight (kg)**	0.23				0.41				0.6			1.2		2.6			2.4		5.4		9.2			22.4		
	Size (W x H x D) (mm)	45 × 58 × 69				45 × 73.5 × 103.6				45 × 83 × 117.1			55 × 106 × 146.4		70 × 140 × 172.3			95 × 158 × 130.3		138 × 203 × 185.1		163 × 243 × 204.4			285 × 312 × 245.3		
Integrated auxiliary contacts		1 NO or 1 NC				1 NO + 1 NC				2 NO + 2 NC			2 NO + 2 NC		2 NO + 2 NC			2 NO + 2 NC		2 NO + 2 NC		2 NO + 2 NC			2 NO + 2 NC		
Add on auxiliary block	**Side mounting**	Yes				Yes				Yes			Yes		Yes			Yes		Yes		Yes			Yes		
	Front mounting	Yes				Yes				Yes			Yes		Yes			Yes		No		No			No		
Thermal overload relay		**RTX³ mini**				**RTX³ 40**				**RTX³ 40**			**RTX³ 65**		**RTX³ 100**			**RTX³ 150**		**RTX³ 225**		**RTX³ 400**			**RTX³ 800**		
Terminals type	**Standard RTX³**	-				screw				screw			screw		screw			screw		-		-			-		
	Differential RTX³	screw				screw				screw			cage		cage			cage		screw		screw			screw		
Rated operational voltage, Ue		690 V				690 V				690 V			690 V		690 V			690 V		690 V		690 V			690 V		
Rated insulation voltage, Ui		690 V				690 V				690 V			690 V		690 V			690 V		690 V		690 V			690 V		
Rated impulse withstand voltage, Uimp		6 kV				6 kV				6 kV			6 kV		6 kV			6 kV		6 kV		6 kV			6 kV		
Trip class		10 A				10 A				10 A			10 A		10 A			10 A		10 A		10 A			10 A		
Setting		0.1 to 16 A				0.1 to 40 A				0.1 to 40 A			9 to 65 A		18 to 100 A			45 to 150 A		65 to 240 A		85 to 400 A			200 to 800 A		
Weight and size	**Weight (kg)**	0.1				0.17				0.17			0.31/0.33		0.48/0.5			0.67		2.5		2.6			11.5		
	Size (W x H x D) (mm)	45 × 73 × 63				45 × 75 × 90				45 × 75 × 90			55 x 81 x 100		70 × 97 × 110			95 × 109 × 113		147 × 141 × 184		151 × 171 × 198			360 × 530 × 212		

legrand

Mini contactors CTX³

6 A to 16 A industrial contactors

4 170 00

4 170 01

Dimensions **p. 281**

3-pole mini contactors

With integrated auxiliary contact
Power terminals: screw terminals

Pack	Cat.Nos			
	Integrated auxiliary contact			
	1 NO	1 NC	3-phase motor 400/415 V	Control Voltage
	6 A (AC3)			
1	4 170 00	4 170 10	2.2 kW	24 V~
1	4 170 01	4 170 11	2.2 kW	24 V⎓
1	4 170 04	4 170 14	2.2 kW	110 V~
1	4 170 06	4 170 16	2.2 kW	230 V~
1	4 170 09	4 170 19	2.2 kW	415 V~
	9 A (AC3)			
1	4 170 20	4 170 30	4 kW	24 V~
1	4 170 21	4 170 31	4 kW	24 V⎓
1	4 170 24	4 170 34	4 kW	110 V~
1	4 170 26	4 170 36	4 kW	230 V~
1	4 170 29	4 170 39	4 kW	415 V~
	12 A (AC3)			
1	4 170 40	4 170 50	5.5 kW	24 V~
1	4 170 41	4 170 51	5.5 kW	24 V⎓
1	4 170 44	4 170 54	5.5 kW	110 V~
1	4 170 46	4 170 56	5.5 kW	230 V~
1	4 170 49	4 170 59	5.5 kW	415 V~
	16 A (AC3)			
1	4 170 60	4 170 70	7.5 kW	24 V~
1	4 170 61	4 170 71	7.5 kW	24 V⎓
1	4 170 64	4 170 74	7.5 kW	110 V~
1	4 170 66	4 170 76	7.5 kW	230 V~
1	4 170 69	4 170 79	7.5 kW	415 V~

4-pole mini contactors

Without integrated auxiliary contact
Power terminals: screw terminals

Pack	Cat.Nos			
		20 A		
		Max. operating current AC 1	Max. operating current AC 3	Control Voltage
1	4 171 40	20 A	16 A	24 V~
1	4 171 41	20 A	16 A	24 V⎓
1	4 171 44	20 A	16 A	110 V~
1	4 171 46	20 A	16 A	230 V~
1	4 171 49	20 A	16 A	415 V~

CTX³ control relays
p. 287

Thermal relays and accessories

for CTX³ mini contactors

4 170 88

4 171 55

Dimensions **p. 281**
Tripping curves **see technical sheets**

Thermal overload relays for 3-pole mini contactors

Pack	Cat.Nos	
		Class 10A Integrated auxiliary contacts 1 NO + 1 NC
1	4 170 80	0.16 A
1	4 170 81	0.25 A
1	4 170 82	0.40 A
1	4 170 83	0.63 A
1	4 170 84	1 A
1	4 170 85	1.6 A
1	4 170 86	2.5 A
1	4 170 87	4 A
1	4 170 88	6 A
1	4 170 89	8 A
1	4 170 90	9 A
1	4 170 91	10 A
1	4 170 92	13 A
1	4 170 93	16 A

Add on auxiliary blocks for mini contactors

Pack	Cat.Nos	
		Ith : 10 A
		Front mounting
15	4 171 50	1 NO + 1 NC
15	4 171 51	2 NO
15	4 171 52	2 NC
15	4 171 53	4 NO
15	4 171 54	3 NO + 1 NC
15	4 171 55	2 NO + 2 NC
15	4 171 56	1 NO + 3 NC
15	4 171 57	4 NC
		Side mounting
20	4 171 58	1 NO
20	4 171 59	1 NC

Interlock Unit

Pack	Cat.Nos	
5	4 171 60	Mechanical interlock for mini contactors

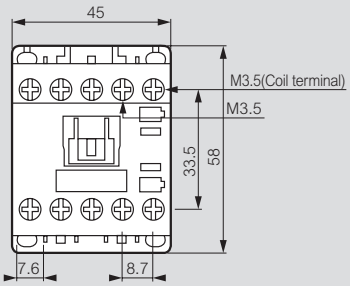
Spare coils
Please, consult us

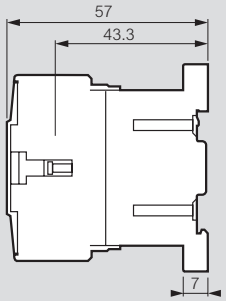
Mini contactors CTX³

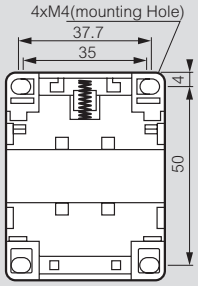
technical characteristics and dimensions

Mini contactors 3P and 4P and control relays

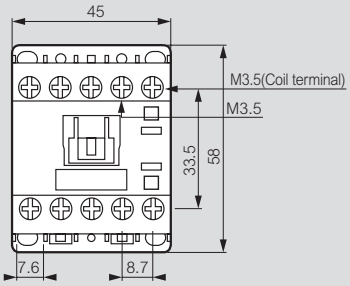
AC control

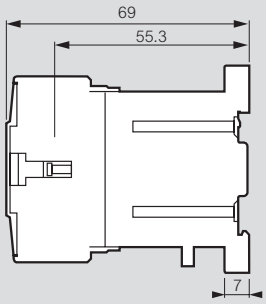


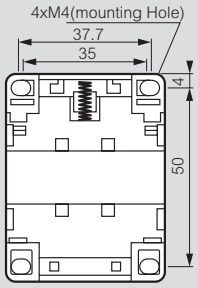




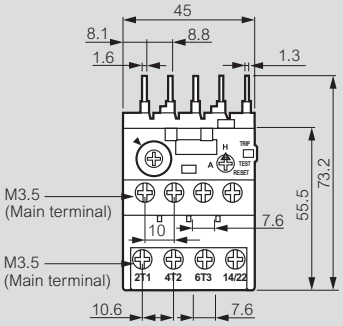
DC control

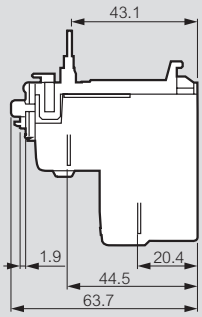






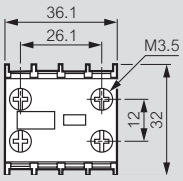
Thermal overload relays for mini contactors

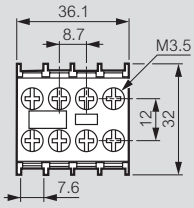


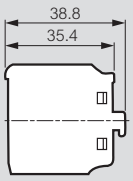


Auxiliary contacts

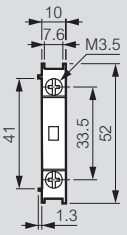
Front mounting

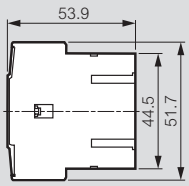






Side mounting





Environmental conditions

- Storage temperature: -30 °C to +65 °C
- Operating temperature: -5 °C to +40 °C
- Operating altitude: 2000 m
- Protection degree: IP 20
- Shock resistance: 5 G
- Vibration resistance (10-55 Hz): 2 G

Possible combinations of auxiliary blocks per contactor

Auxiliary contact block	Maximum number of blocks		
	Side mounting (1contact)	Front mounting (2 contacts)	Front mounting (4 contacts)
CTX³ mini and control relay Control voltage : ∿	2	0	1
	4	1	0
	6	0	0
CTX³ mini and control relay Control voltage : ⎓	2	0	0
	0	1	0

3-pole contactors CTX³

9 A to 100 A industrial contactors

4 160 96

4 161 26

4 161 46

4 161 56

4 161 86

4 161 96

Technical characteristics **p. 288**
Dimensions **p. 290 to 295**

Conform to IEC 60947-1, IEC 60947-4-1
Can be equipped with RTX³ thermal relays (p. 284) add-on auxiliary contact blocks, time delay blocks, capacitor switching units and CTX³ interlocking (p. 286)

CTX³ 22

With integrated auxiliary contacts
Power terminals: screw terminals

Pack	Cat.Nos Screw terminals	3-phase motor 400/415 V	Control Voltage	Integrated auxiliary contacts
		9 A (AC3) - 25 A (AC1)		
1	4 160 80	4 kW	24 V~	1 NO + 1 NC
1	4 160 81	4 kW	24 V⎓	1 NO + 1 NC
1	4 160 84	4 kW	110 V~	1 NO + 1 NC
1	4 160 86	4 kW	230 V~	1 NO + 1 NC
1	4 160 89	4 kW	415 V~	1 NO + 1 NC
		12 A (AC3) - 25 A (AC1)		
1	4 160 90	5.5 kW	24 V~	1 NO + 1 NC
1	4 160 91	5.5 kW	24 V⎓	1 NO + 1 NC
1	4 160 94	5.5 kW	110 V~	1 NO + 1 NC
1	4 160 96	5.5 kW	230 V~	1 NO + 1 NC
1	4 160 99	5.5 kW	415 V~	1 NO + 1 NC
		18 A (AC3) - 40 A (AC1)		
1	4 161 00	7.5 kW	24 V~	1 NO + 1 NC
1	4 161 01	7.5 kW	24 V⎓	1 NO + 1 NC
1	4 161 04	7.5 kW	110 V~	1 NO + 1 NC
1	4 161 06	7.5 kW	230 V~	1 NO + 1 NC
1	4 161 09	7.5 kW	415 V~	1 NO + 1 NC
		22 A (AC3) - 40 A (AC1)		
1	4 161 10	11 kW	24 V~	1 NO + 1 NC
1	4 161 11	11 kW	24 V⎓	1 NO + 1 NC
1	4 161 14	11 kW	110 V~	1 NO + 1 NC
1	4 161 16	11 kW	230 V~	1 NO + 1 NC
1	4 161 19	11 kW	415 V~	1 NO + 1 NC

CTX³ 40

With integrated auxiliary contacts
Power terminals: screw terminals

Pack	Cat.Nos Screw terminals	3-phase motor 400/415 V	Control Voltage	Integrated auxiliary contacts
		32 A (AC3) - 50 A (AC1)		
1	4 161 20	15 kW	24 V~	2 NO + 2 NC
1	4 161 21	15 kW	24 V⎓	2 NO + 2 NC
1	4 161 24	15 kW	110 V~	2 NO + 2 NC
1	4 161 26	15 kW	230 V~	2 NO + 2 NC
1	4 161 29	15 kW	415 V~	2 NO + 2 NC
		40 A (AC3) - 60 A (AC1)		
1	4 161 30	18.5 kW	24 V~	2 NO + 2 NC
1	4 161 31	18.5 kW	24 V⎓	2 NO + 2 NC
1	4 161 34	18.5 kW	110 V~	2 NO + 2 NC
1	4 161 36	18.5 kW	230 V~	2 NO + 2 NC
1	4 161 39	18.5 kW	415 V~	2 NO + 2 NC

CTX³ 65

With integrated auxiliary contacts

Pack	Cat.Nos Screw terminals	Cage terminals	3-phase motor 400/415 V	Control Voltage	Integrated auxiliary contacts
			50 A (AC3) - 70 A (AC1)		
1	4 161 40	4 161 50	22 kW	24 V~	2 NO + 2 NC
1	4 161 41	4 161 51	22 kW	24 V⎓	2 NO + 2 NC
1	4 161 44	4 161 54	22 kW	110 V~	2 NO + 2 NC
1	4 161 46	4 161 56	22 kW	230 V~	2 NO + 2 NC
1	4 161 49	4 161 59	22 kW	415 V~	2 NO + 2 NC
			65 A (AC3) - 100 A (AC1)		
1	4 161 60	4 161 70	30 kW	24 V~	2 NO + 2 NC
1	4 161 61	4 161 71	30 kW	24 V⎓	2 NO + 2 NC
1	4 161 64	4 161 74	30 kW	110 V~	2 NO + 2 NC
1	4 161 66	4 161 76	30 kW	230 V~	2 NO + 2 NC
1	4 161 69	4 161 79	30 kW	415 V~	2 NO + 2 NC

CTX³ 100

With integrated auxiliary contacts

Pack	Cat.Nos Screw terminals	Cage terminals	3-phase motor 400/415 V	Control Voltage	Integrated auxiliary contacts
			75 A (AC3) - 110 A (AC1)		
1	4 161 80	4 161 90	37 kW	24 V~	2 NO + 2 NC
1	4 161 81	4 161 91	37 kW	24 V⎓	2 NO + 2 NC
1	4 161 84	4 161 94	37 kW	110 V~	2 NO + 2 NC
1	4 161 86	4 161 96	37 kW	230 V~	2 NO + 2 NC
1	4 161 89	4 161 99	37 kW	415 V~	2 NO + 2 NC
			85 A (AC3) - 135 A (AC1)		
1	4 162 00	4 162 10	45 kW	24 V~	2 NO + 2 NC
1	4 162 01	4 162 11	45 kW	24 V⎓	2 NO + 2 NC
1	4 162 04	4 162 14	45 kW	110 V~	2 NO + 2 NC
1	4 162 06	4 162 16	45 kW	230 V~	2 NO + 2 NC
1	4 162 09	4 162 19	45 kW	415 V~	2 NO + 2 NC
			100 A (AC3) - 160 A (AC1)		
1	4 162 20	4 162 30	55 kW	24 V~	2 NO + 2 NC
1	4 162 21	4 162 31	55 kW	24 V⎓	2 NO + 2 NC
1	4 162 24	4 162 34	55 kW	110 V~	2 NO + 2 NC
1	4 162 26	4 162 36	55 kW	230 V~	2 NO + 2 NC
1	4 162 29	4 162 39	55 kW	415 V~	2 NO + 2 NC

Add-on auxiliary contact blocks
p. 286

3-pole contactors CTX³

130 A to 800 A industrial contactors

4 162 46

4 162 56

4 162 96

4 163 56

Technical characteristics **p. 288**
Dimensions **p. 290 to 295**

Conform to IEC 60947-1, IEC 60947-4-1
Can be equipped with RTX³ thermal relays (p. 284) add-on auxiliary contact blocks, time delay blocks (except CTX³ 225/400/800) and CTX³ interlocking (p. 286)

CTX³ 150

With integrated auxiliary contacts

Pack	Cat.Nos		3-phase motor 400/415 V	Control Voltage	Integrated auxiliary contacts
	Screw terminals	Cage terminals			
			130 A (AC3) - 160 A (AC1)		
1	4 162 40	4 162 50	60 kW	24 V~	2 NO + 2 NC
1	4 162 41	4 162 51	60 kW	24 V⎓	2 NO + 2 NC
1	4 162 46	4 162 56	60 kW	100-240 V~/⎓	2 NO + 2 NC
1	4 162 49	4 162 59	60 kW	400-440 V~	2 NO + 2 NC
			150 A (AC3) - 210 A (AC1)		
1	4 162 60	4 162 70	75 kW	24 V~	2 NO + 2 NC
1	4 162 61	4 162 71	75 kW	24 V⎓	2 NO + 2 NC
1	4 162 66	4 162 76	75 kW	100-240 V~/⎓	2 NO + 2 NC
1	4 162 69	4 162 79	75 kW	400-440 V~	2 NO + 2 NC

CTX³ 225

With integrated auxiliary contacts

Pack	Cat.Nos	3-phase motor 400/415 V	Control Voltage	Integrated auxiliary contacts
	Screw terminals			
		185 A (AC3) - 230 A (AC1)		
1	4 162 80	90 kW	24 V~/⎓	2 NO + 2 NC
1	4 162 86	90 kW	100-240 V~/⎓	2 NO + 2 NC
1	4 162 89	90 kW	380-450 V~	2 NO + 2 NC
		225 A (AC3) - 275 A (AC1)		
1	4 162 90	132 kW	24 V~/⎓	2 NO + 2 NC
1	4 162 96	132 kW	100-240 V~/⎓	2 NO + 2 NC
1	4 162 99	132 kW	380-450 V~	2 NO + 2 NC

CTX³ 400

With integrated auxiliary contacts

Pack	Cat.Nos	3-phase motor 400/415 V	Control Voltage	Integrated auxiliary contacts
	Screw terminals			
		265 A (AC3) - 300 A (AC1)		
1	4 163 06	147 kW	100-240 V~/⎓	2 NO + 2 NC
1	4 163 09	147 kW	380-450 V~	2 NO + 2 NC
		330 A (AC3) - 350 A (AC1)		
1	4 163 16	160 kW	100-240 V~/⎓	2 NO + 2 NC
1	4 163 19	160 kW	380-450 V~	2 NO + 2 NC
		400 A (AC3) - 450 A (AC1)		
1	4 163 26	200 kW	100-240 V~/⎓	2 NO + 2 NC
1	4 163 29	200 kW	380-450 V~	2 NO + 2 NC

CTX³ 800

With integrated auxiliary contacts

Pack	Cat.Nos	3-phase motor 400/415 V	Control Voltage	Integrated auxiliary contacts
	Screw terminals			
		500 A (AC3) - 580 A (AC1)		
1	4 163 36	265 kW	200-240 V~/⎓	2 NO + 2 NC
1	4 163 39	265 kW	380-450 V~	2 NO + 2 NC
		630 A (AC3) - 660 A (AC1)		
1	4 163 46	330 kW	200-240 V~/⎓	2 NO + 2 NC
1	4 163 49	330 kW	380-450 V~	2 NO + 2 NC
		800 A (AC3) - 900 A (AC1)		
1	4 163 56	440 kW	200-240 V~/⎓	2 NO + 2 NC
1	4 163 59	440 kW	380-450 V~	2 NO + 2 NC

Add-on auxiliary contact blocks
p. 286

Other control voltage, spare coils for CTX³ 3-pole contactors, **please, consult us**

Thermal relays RTX³

for CTX³ 3-pole industrial contactors

4 166 70

4 166 90

4 167 31

4 167 65

Technical characteristics **see technical sheets**
Dimensions **p. 292 to 295**

Thermal protection against overloads, long starting times and lasting stalling of the motor
Differential type ensures a better protection in case of one phase failure thanks to faster tripping
Conform to IEC 60 947-1, IEC 60 947-4-1

Thermal overload relays

Class 10A
Integrated auxiliary contacts 1 NO + 1 NC

RTX³ 40
For CTX³ 22 and 40
With screw terminals

Pack	Cat.Nos Type standard	Cat.Nos Type differential	Adjustment range I min. (A)	Adjustment range I max. (A)
1	4 166 40	4 166 60	0.1	0.16
1	4 166 41	4 166 61	0.16	0.25
1	4 166 42	4 166 62	0.25	0.4
1	4 166 43	4 166 63	0.4	0.63
1	4 166 44	4 166 64	0.63	1
1	4 166 45	4 166 65	1	1.6
1	4 166 46	4 166 66	1.6	2.5
1	4 166 47	4 166 67	2.5	4
1	4 166 48	4 166 68	4	6
1	4 166 49	4 166 69	5	8
1	4 166 50	4 166 70	6	9
1	4 166 51	4 166 71	7	10
1	4 166 52	4 166 72	9	13
1	4 166 53	4 166 73	12	18
1	4 166 54	4 166 74	16	22
1	4 166 55	4 166 75	18	25
1	4 166 56	4 166 76	22	32
1	4 166 57	4 166 77	28	40

RTX³ 65
For CTX³ 65
Standard type with screw terminals
Differential type with cage terminals

1	4 166 83	4 167 03	9	13
1	4 166 84	4 167 04	12	18
1	4 166 85	4 167 05	16	22
1	4 166 86	4 167 06	18	25
1	4 166 87	4 167 07	24	36
1	4 166 88	4 167 08	28	40
1	4 166 89	4 167 09	34	50
1	4 166 90	4 167 10	45	65

Thermal overload relays (continued)

Class 10A
Integrated auxiliary contacts 1 NO + 1 NC

RTX³ 100
For CTX³ 100
Standard type with screw terminals
Differential type with cage terminals

Pack	Cat.Nos Type standard	Cat.Nos Type differential	Adjustment range I min. (A)	Adjustment range I max. (A)
1	4 167 23	4 167 43	18	25
1	4 167 24	4 167 44	24	36
1	4 167 25	4 167 45	28	40
1	4 167 26	4 167 46	34	50
1	4 167 27	4 167 47	45	65
1	4 167 28	4 167 48	54	75
1	4 167 29	4 167 49	63	85
1	4 167 30	4 167 50	70	95
1	4 167 31	4 167 51	80	100

RTX³ 150
For CTX³ 150
Standard type with screw terminals
Differential type with cage terminals

1	4 167 60	4 167 70	45	65
1	4 167 61	4 167 71	54	75
1	4 167 62	4 167 72	63	85
1	4 167 63	4 167 73	80	105
1	4 167 64	4 167 74	95	130
1	4 167 65	4 167 75	110	150

Separate mounting units

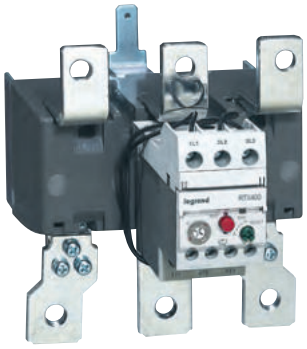
To mount the relays separately from contactors, on DIN rail or panel by fixing screws

Pack	Cat.Nos	
1	4 165 91	For RTX³ 40 up to 32 A
1	4 165 92	For RTX³ 40 40 A
1	4 165 93	For RTX³ 65 with screw terminals
1	4 165 94	For RTX³ 65 with cage terminals
1	4 165 95	For RTX³ 100 with screw terminals
1	4 165 96	For RTX³ 100 with cage terminals
1	4 165 97	For RTX³ 150 with screw terminals
1	4 165 98	For RTX³ 150 with cage terminals

Thermal relays RTX³

for CTX³ 3-pole industrial contactors

4 167 84



4 167 91

Technical characteristics **see technical sheets**
Dimensions **p. 292 to 295**

Conform to IEC 60 947-1, IEC 60 947-4-1

Pack	Cat.Nos	Thermal overload relays		
		Class 10A Integrated auxiliary contacts 1 NO + 1 NC		
		RTX³ 225 For CTX³ 225 With screw terminals		
	RCD	Adjustment range I min. (A)	I max. (A)	
1	4 167 80	65	100	
1	4 167 81	85	125	
1	4 167 82	100	160	
1	4 167 83	120	185	
1	4 167 84	160	240	
		RTX³ 400 For CTX³ 400 With screw terminals		
1	4 167 86	85	125	
1	4 167 87	100	160	
1	4 167 88	120	185	
1	4 167 89	160	240	
1	4 167 90	200	330	
1	4 167 91	260	400	
		RTX³ 800 For CTX³ 800 With screw terminals		
1	4 167 92	200	300	
1	4 167 93	260	400	
1	4 167 94	400	600	
1	4 167 95	520	800	

		RTX³ remote reset unit
		Flexible cable to reset the relay on the panel door For RTX³ 40/65/100
1	4 168 92	Length 400 mm
1	4 168 93	Length 500 mm
1	4 168 94	Length 600 mm

4-pole contactors CTX³

40 A to 900 A industrial contactors

4 164 36

4 164 56

4 164 86

Technical characteristics **see technical sheets**
Dimensions **p. 292 to 295**

Conform to IEC 60 947-1, IEC 60 947-4-1

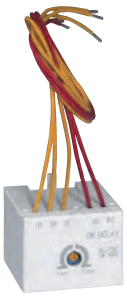
Pack	Cat.Nos	Contactors CTX³		
		Power terminals: screw terminals		
		Without integrated auxiliary contact		
		Max. operating current AC 1	Max. operating current AC 3	Control Voltage
1	4 164 26	40 A	22 A	230 V∿
1	4 164 36	60 A	40 A	230 V∿
1	4 164 46	100 A	65 A	230 V∿
1	4 164 56	135 A	85 A	230 V∿
		With integrated auxiliary contacts		
		Auxiliary contacts: 2 NO + 2 NC		
1	4 164 66	165 A	130 A	100-240 V∿/⎓
1	4 164 76	250 A	150 A	100-240 V∿/⎓
1	4 164 86	330 A	225 A	100-240 V∿/⎓
1	4 164 96	420 A	330 A	100-240 V∿/⎓
1	4 165 06	500 A	400 A	100-240 V∿/⎓
1	4 165 16	750 A	630 A	200-240 V∿/⎓
1	4 165 26	900 A	800 A	200-240 V∿/⎓

Mechanichal interlocks
p. 286

CTX³ accessories

4 168 50

4 168 55

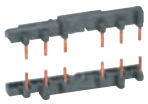

4 168 70

4 168 80

4 168 91

4 168 97

4 168 40


4 168 83

Technical characteristics **p. 287 to 289**

Pack	Cat.Nos	CTX³ add-on auxiliary contact blocks
		Front mounting For CTX³ 3P from 9 A to 150 A (AC-3) and CTX³ 4P from 40 A to 135 A (AC-1) 2 and 4-pole Ith: 16 A
20	4 168 50	1 NO + 1 NC
20	4 168 51	2 NO
20	4 168 52	2 NC
10	4 168 53	4 NO
10	4 168 54	3 NO + 1 NC
10	4 168 55	2 NO + 2 NC
10	4 168 56	1 NO + 3 NC
10	4 168 57	4 NC
		Side mounting 2-pole Mounting on both sides
1	4 168 58	For CTX³ 3P from 9 A to 150 A (AC-3) 1 NO + 1 NC - Ith: 16 A
1	4 168 59	For CTX³ 3P from 185 A to 800 A (AC-3) and CTX³ 4P from 165 A to 900 A (AC-1) 1 NO + 1 NC - Ith: 16 A
1	4 168 49	For CTX³ 4P from 40 A to 135 A (AC-1) 1 NO + 1 NC - Ith: 16 A

		CTX³ time delay blocks
		For CTX³ 3P form 9 A to 150 A (AC-3) Time delay: 1 to 30 s Front mounting
		On delay
1	4 168 70	24-48 V~/⎓
1	4 168 71	110-230 V~
		Off delay
1	4 168 72	24-48 V~/⎓
1	4 168 73	110-230 V~

		CTX³ capacitor switching units
		AC-6b Operating power from 9.7 kVAR to 62 kVAR (400/440 V)
1	4 168 74	For contactors CTX³ 3P from 9 to 40 A
1	4 168 75	For contactors CTX³ 3P 50 and 65 A with screw terminals
1	4 168 76	For contactors CTX³ 3P 50 to 100 A with cage terminals
1	4 168 77	For contactors CTX³ 3P 75 to 100 A with screw terminals

Pack	Cat.Nos	CTX³ interlocking
		Component parts for assembling by customer Horizontal mounting
		Interlock units
1	4 168 79	Mechanical interlocks for CTX³ 4P from 40 to 135 A (AC-1) (p. 285)
1	4 168 80	Mechanical interlocks for CTX³ 3P from 9 to 150 A (p. 282-283) Provides 2 NC contacts for use in electrical interlocking
1	4 168 87	Mechanical interlocks for CTX³ 3P from 185 to 400 A and CTX³ 4P from 165 to 500 A (p. 285)
1	4 168 88	Mechanical interlocks for CTX³ 3P from 500 to 800 A (p. 283)
1	4 168 89	Mechanical interlocks for CTX³ 4P from 750 to 900 A (p. 285)
		Wire kits Used for making reversing between two 3P contactors (varistors)
4	4 168 82	For CTX³ 22
6	4 168 83	For CTX³ 40
2	4 168 84	For CTX³ 65
1	4 168 85	For CTX³ 100

		Boxes for motor starter
		For CTX³ 22 equipped with RTX³ 40 (0.1 - 22 A)
1	4 168 90	Without pushbuttons
1	4 168 91	With pushbuttons

		CTX³ transient voltage suppressor blocks
		Absorbs the surge arisen out of the coil of the contactor (varistors)
10	4 168 95	24-48 V~/⎓
10	4 168 96	100-125 V~/⎓
10	4 168 97	200-240 V~/⎓
10	4 168 98	380-400 V~

		CTX³ terminals covers
1	4 168 42	For CTX³ 3P from 185 to 225 A (AC-3)
1	4 168 43	For CTX³ 3P from 265 to 400 A (AC-3)
1	4 168 44	For CTX³ 3P from 500 to 800 A (AC-3)
1	4 168 45	For CTX³ 4P from 165 to 330 A (AC-1)
1	4 168 46	For CTX³ 4P from 420 to 500 A (AC-1)
1	4 168 47	For CTX³ 4P from 750 to 900 A (AC-1)

		CTX³ safety front cover
150	4 168 40	For CTX³ 3P from 9 to 150 A (AC-3) and CTX³ 4P from 40 to 135 A (AC-1)
150	4 168 41	For CTX³ 3P from 85 to 800 A (AC-3) and CTX 4P from 165 to 900 A (AC-1)

Automatic transfer switch control units **p. 222**

Control relays CTX³

4 168 10

Pack	Cat.Nos	CTX³ control relays
		4-pole Conform to IEC 60 947 Ith = 10 A Low consuption coil
		4 NO
1	4 168 00	24 V∿
1	4 168 01	24 V⎓
1	4 168 04	110 V∿
1	4 168 06	230 V∿
1	4 168 09	400 V∿
		3 NO + 1 NC
1	4 168 10	24 V∿
1	4 168 11	24 V⎓
1	4 168 14	110 V∿
1	4 168 16	230 V∿
1	4 168 19	400 V∿
		2 NO + 2 NC
1	4 168 20	24 V∿
1	4 168 21	24 V⎓
1	4 168 24	110 V∿
1	4 168 26	230 V∿
1	4 168 29	400 V∿

Contactors CTX³

technical characteristics

Accessory

Interlock unit, Cat.No 4 168 80

The mechanical interlock unit provides 2NC contacts for use in electrical interlocking of two contactors

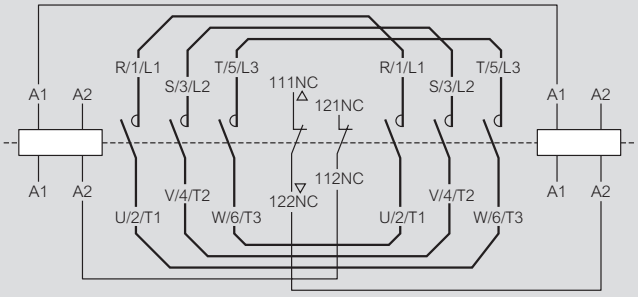
Wire kits

Used for making reversing circuit between two contactors

Contactor	Wire kit		Interlock unit	
	Cat.No	Weight	Cat.No	Weight
CTX³ 22	4 168 82	0.04 kg	4 168 80	0.06 kg
CTX³ 40	4 168 83	0.05 kg		
CTX³ 65	4 168 84	0.12 kg		
CTX³ 100	4 168 85	0.33 kg		
CTX³ 150	-	-		

Rating of the contacts in the interlocks

Rated operation voltage (V)			600
Rated insulation voltage (V)			600
Rated frequency (Hz)			50/60
Rated thermal current (A)			10
Rated operation current (A)	AC15 duty (A600)	120 V	6
		240 V	3
		380 V	1.9
		480 V	1.5
		500 V	1.4
		600 V	1.2
	DC13 duty (Q300)	125 V	0.55
		250 V	0.27



CTX³ 9 A - 150 A typical circuit diagram for reversing contactor

Time delay blocks Cat.Nos 4 168 70/71/72/73

Applying contactors		Cat.No	Rated voltage	Performance
CTX³ 22 to CTX³ 150	On delay	4 168 70	AC/DC 24 to 48 V	• Mounting: Head on • Contact: 1 NC • Time delay: 1s to 30s On delay, Off delay • Frequency: AC 50/60 hz • Operation: Min. voltage 85% Max. voltage 110% • Accuracy of setting time: ∿ 20 %
		4 168 71	AC 110 to 230 V	
	Off delay	4 168 72	AC/DC 24 to 48 V	
		4 168 73	AC 110 to 230 V	

Contactors CTX³

technical characteristics

Environmental conditions

- Storage temperature: -50 °C to +40 °C
- Operating temperature: -40 °C to +40 °C
- Operating altitude: 3000 m
- Protection degree: IP 20
- Shock resistance: open 8 G / closed 10 G
- Vibration resistance (5-300 Hz): open 2 G / closed 4 G

Type 2 coordination with MPCBs MPX³

According to IEC 60947-4-1
Short circuit current Iq = 50 kA
Voltage 400/415 V~ 50/60 Hz

Standard motors AC-3 at 400/415 V 1500 rpm		Manual motor starter: MPCB type		Thermal ovreload release setting range	Magnetic release response current	Contactor	
Rated Power (kW)	Current (A)	Type	Rating (A)	(A)	(A)	Type	Rating (A)
-	-	MPX³ 32S	0.16	0.1 - 0.16	2.08	CTX³ 22	9
0.06	0.20	MPX³ 32S	0.25	0.16 - 0.25	3.25	CTX³ 22	9
0.09	0.30	MPX³ 32S	0.40	0.25 - 0.4	5.2	CTX³ 22	9
0.12	0.40	MPX³ 32S	0.63	0.4 - 0.63	8.19	CTX³ 22	9
0.18	0.60	MPX³ 32S	0.63	0.4 - 0.63	8.19	CTX³ 22	9
0.25	0.80	MPX³ 32S	1	0.63 - 1	13	CTX³ 22	9
0.37	1.1	MPX³ 32S	1.6	1 - 1.6	20.8	CTX³ 22	9
0.55	1.5	MPX³ 32S	1.6	1 - 1.6	20.8	CTX³ 22	9
0.75	1.9	MPX³ 32S	2.5	1.6 - 2.5	32.5	CTX³ 22	12
1.1	2.7	MPX³ 32S	4	2.5 - 4	52	CTX³ 22	18
1.5	3.6	MPX³ 32S	4	2.5 - 4	52	CTX³ 22	18
2.2	5.2	MPX³ 32S	6	4 - 6	78	CTX³ 22	18
3	6.8	MPX³ 32S	8	5 - 8	104	CTX³ 22	18
4	9	MPX³ 32S	10	6 - 10	130	CTX³ 22	18
5.5	11.5	MPX³ 32H	13	9 - 13	169	CTX³ 22	22
7.5	15.5	MPX³ 32H	17	11 - 17	221	CTX³ 22	22
10	20	MPX³ 32H	22	14 - 22	286	CTX³ 40	32
11	22	MPX³ 32H	25	18 - 26	338	CTX³ 40	32
15	29	MPX³ 32H	32	22 - 32	416	CTX³ 40	32
18.5	35	MPX³ 63H	40	28 - 40	520	CTX³ 65	50
22	41	MPX³ 63H	50	34 - 50	650	CTX³ 65	50
30	55	MPX³ 63H	63	45 - 63	819	CTX³ 65	65
37	67	MPX³ 100H	75	55 - 75	975	CTX³ 100	75
-	-	MPX³ 100H	90	70 - 90	1170	CTX³ 100	85
45	80	MPX³ 100H	100	80 - 100	1300	CTX³ 100	85

Definition type 2 coordination according to IEC 947-4-1:

- The contactor or the starter must not endanger persons or systems in the event of a short-circuit.
- The contactor or the starter must be suitable for further use.
- No damage to the overload relay or other parts may occur with the exception of welding of the contactor or starter contacts provided that these can be easily separated without significant deformation (such as with a screwdriver).

CTX³ capacitor switching units Cat.Nos 4 168 74/75/76/77

Capacitor unit is connected to the terminals of the contactor to reduce the high inrush current.
IEC 60947-4-1 AC 6b

Type	Contactor		Maximum operating power (kvar) 220 - 240 V	400 - 440 V	500 - 550 V	Max. Peak current (A)
4 168 74	CTX³ 22	9 A	5	9.7	14	560
	CTX³ 22	12 A	6.7	12.5	18	560
	CTX³ 22	18 A	8.5	16.7	24	850
	CTX³ 22	22 A	10	18	26	1250
	CTX³ 40	32 A	15	25	36	1900
	CTX³ 40	40 A	20	33.3	48	2160
4 168 75/76	CTX³ 65	50 A	20	40	58	2160
	CTX³ 65	65 A	25	45.7	66	3040
4 168 76/77	CTX³ 100	75 A	29.7	54	78	3040
	CTX³ 100	85 A	35	60	92	3040
	CTX³ 100	100 A	37	62	94	3040

Note: - When the switch is closed capacitor must be discharged before recharged. (Maximum residual voltage at terminals ≤ 50 V)
- To prevent short current, gG type fuse must be 1.5 - 2 times than rated current

CTX³ capacitor switching units Cat.Nos 4 168 74/75/76/77 (continued)

Features of capacitor unit (Pre-loading resistor)

- Damping resister that can limit the inrush current up to 60 x In by closing earlier than the main contacts of the contactor
- No heat loss by the serial resistor
- Eliminates the switching surge
- Improves the performance of the capacitor system

Operation sequence

Capacitor unit: OFF
Contactor: OFF

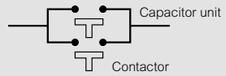


Fig.1

Capacitor unit: ON
Contactor: OFF

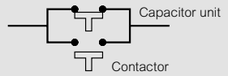


Fig.2

Capacitor unit: OFF
Contactor: ON

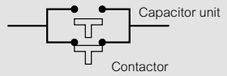
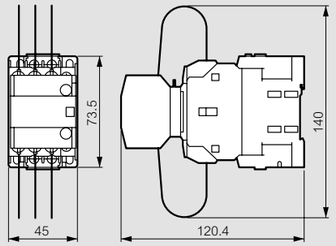


Fig.3

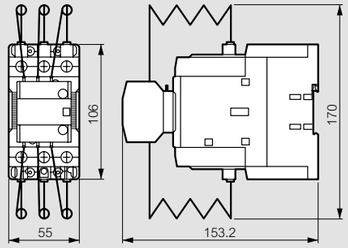
Note - Closing sequence: Fig.1 => Fig.2 => Fig.3
Opening sequence: Fig.3 => Fig.1

Overall dimensions of contactors equipped with CTX³ switching units

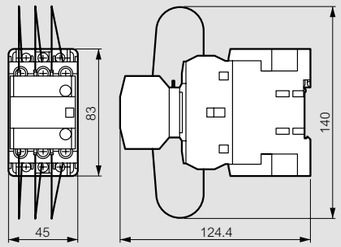
Cat.No 4 168 74 on CTX³ 22



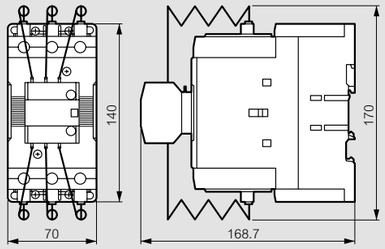
Cat.No 4 168 75/76 on CTX³ 65



Cat.No 4 168 74 on CTX³ 40



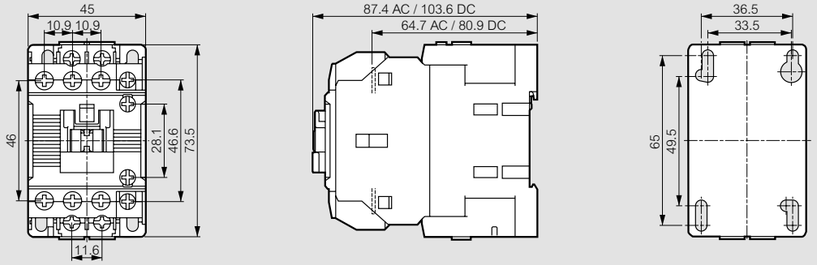
Cat.No 4 168 76/77 on CTX³ 100



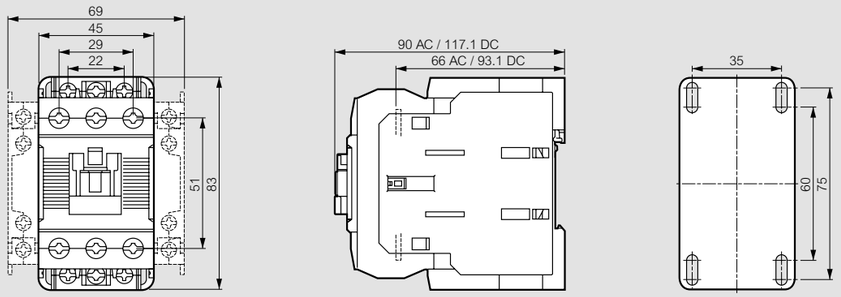
3-pole contactors CTX³

dimensions

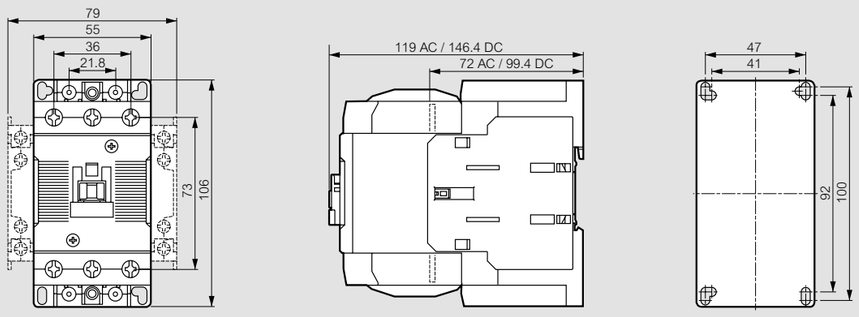
CTX³ 22



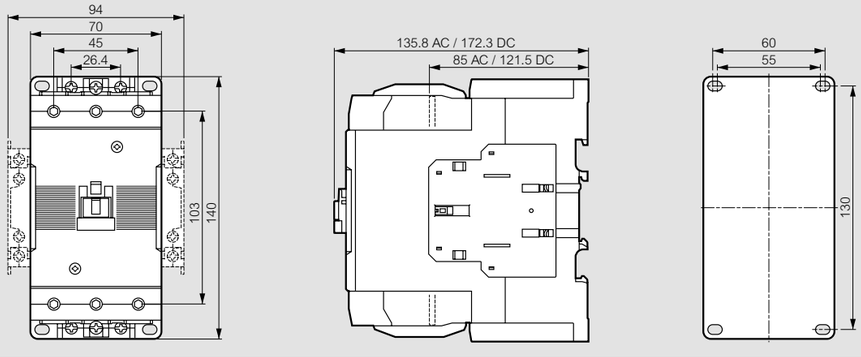
CTX³ 40



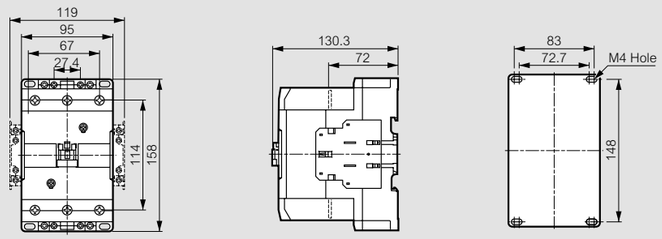
CTX³ 65



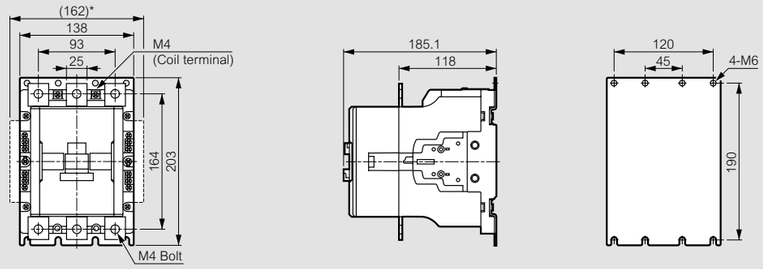
CTX³ 100



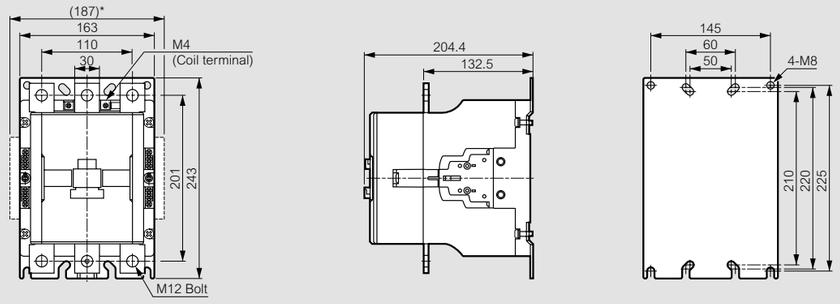
CTX³ 150



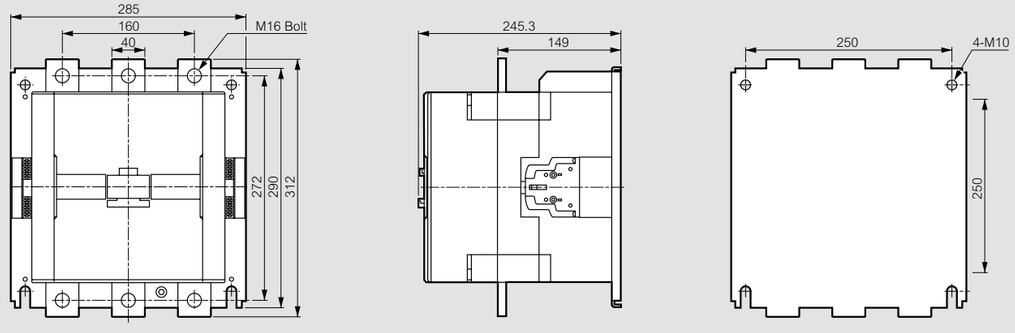
CTX³ 225



CTX³ 400



CTX³ 800

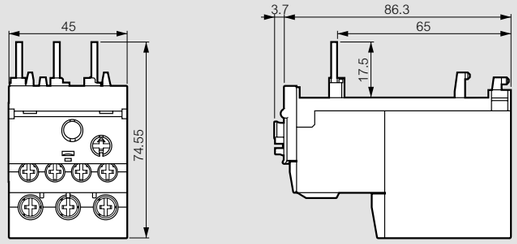


legrand

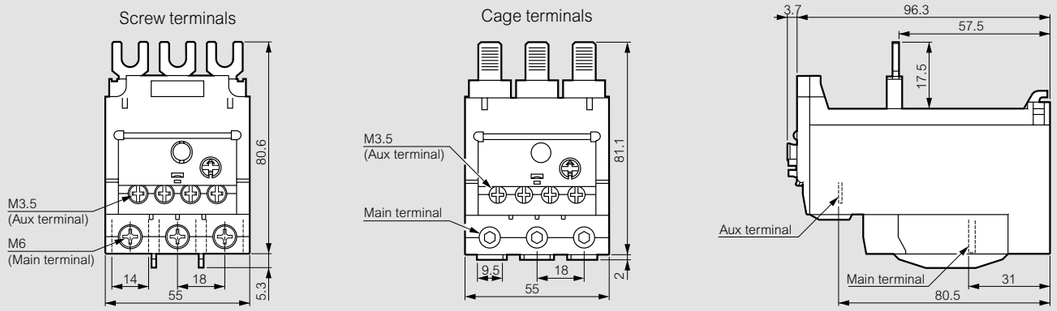
Thermal relays RTX³ - screw type terminals

dimensions

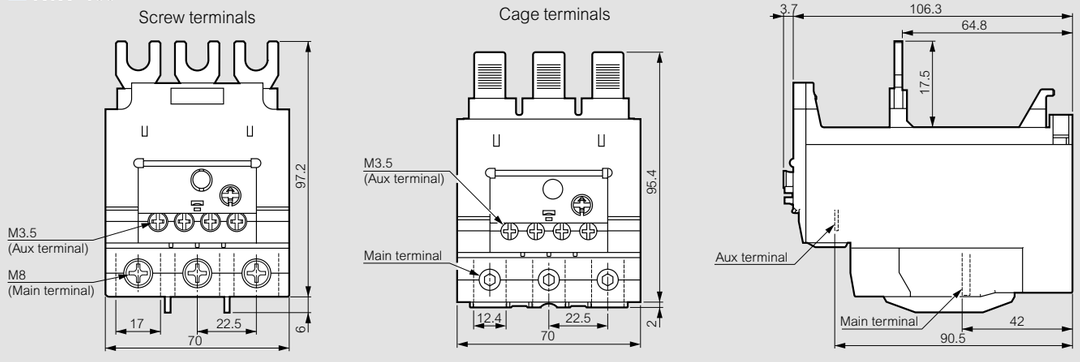
RTX³ 40



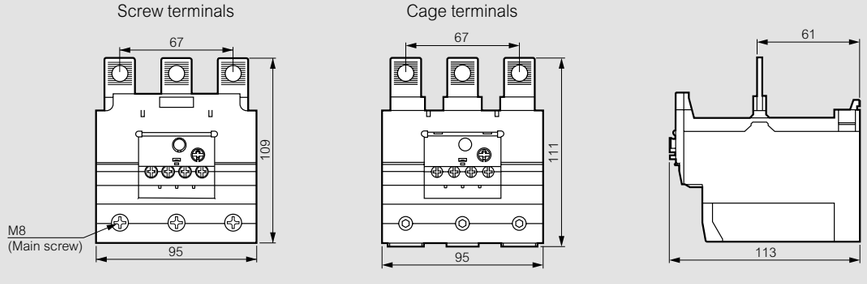
RTX³ 65



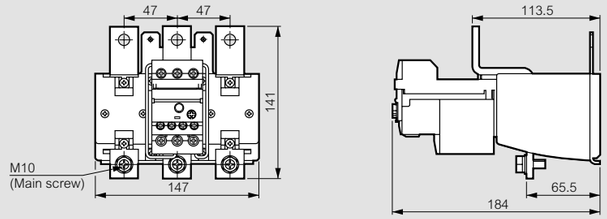
RTX³ 100



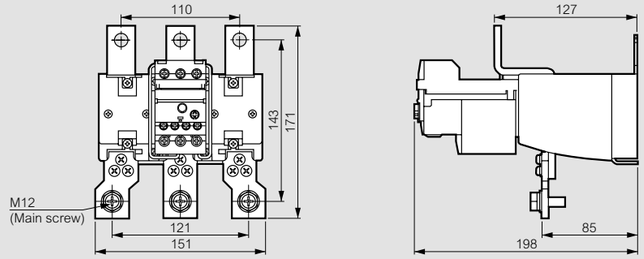
RTX³ 150



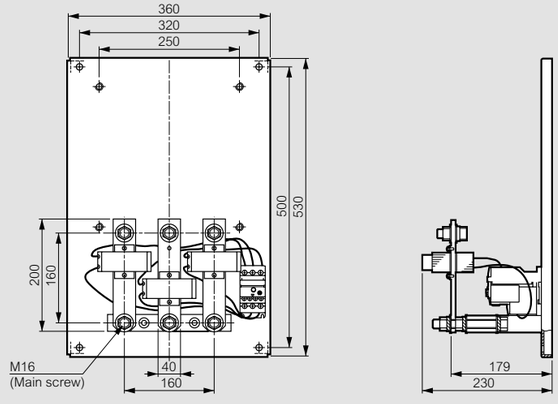
RTX³ 225



RTX³ 400



RTX³ 800

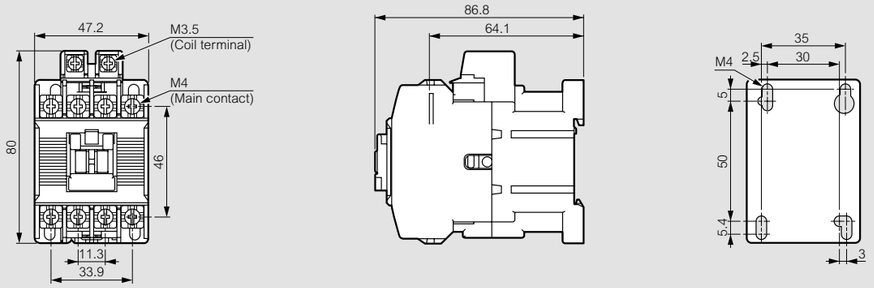


RTX³ tripping curves
see technical sheets

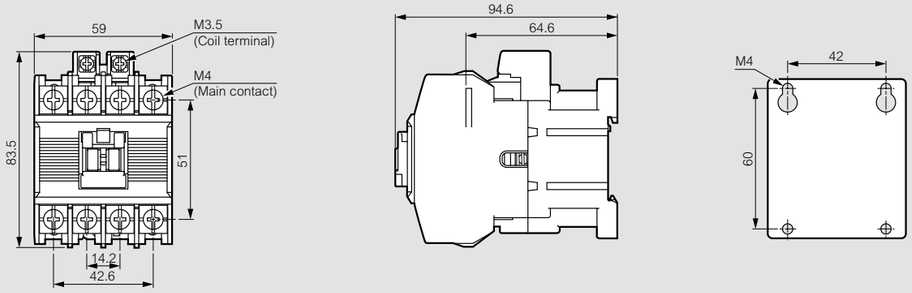
4-pole contactors CTX³

dimensions

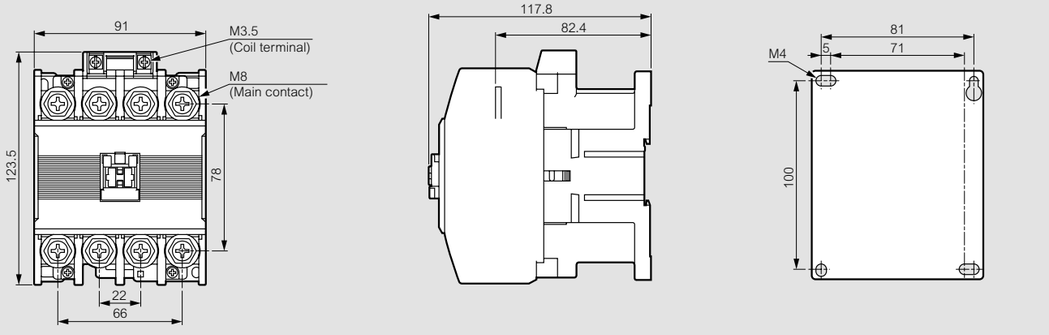
CTX³ 4P 40 A



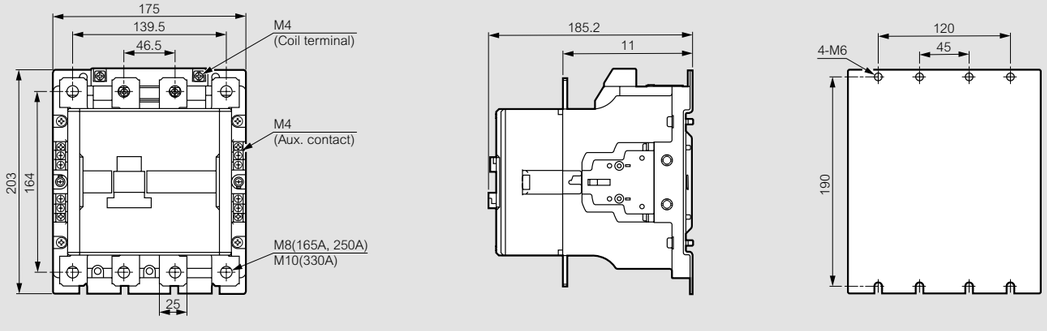
CTX³ 4P 60 A



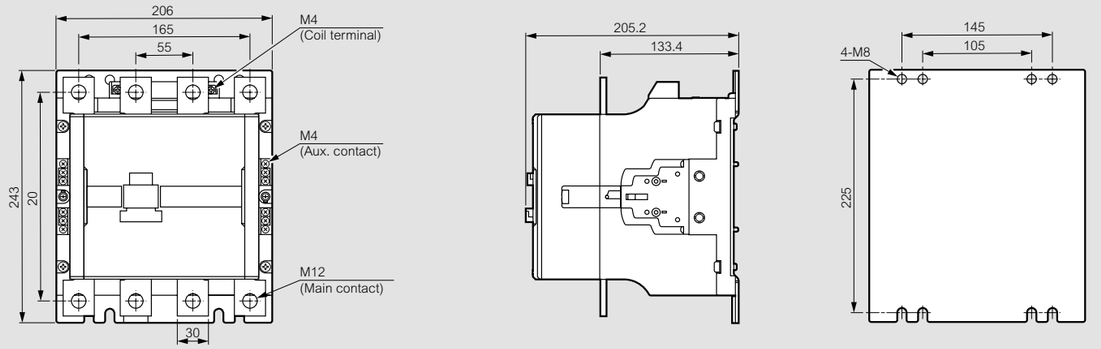
CTX³ 4P 100 A and 135 A



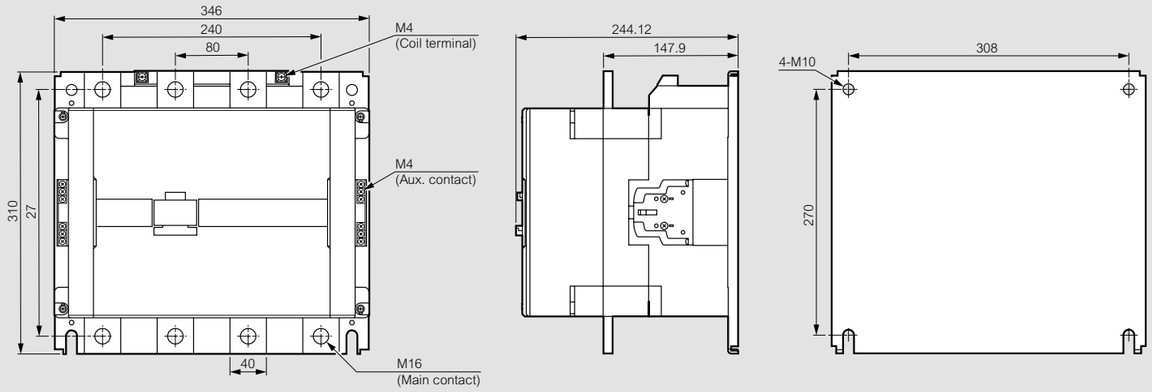
CTX³ 4P 165 A, 250 A and 330 A



CTX³ 4P 420 A and 500 A



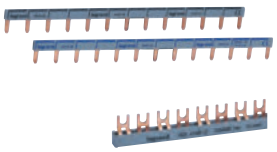
CTX³ 4P 750 A and 900 A



Supply busbars and distribution blocks

SUPPLY BUSBARS FROM 63 TO 90 A

• Isc peak 17 kA



Length / Prong-type	Universal 1-pole + neutral or 1-pole	Single pole for auxiliary	2-pole	2-pole balanced on 3-phase	3-pole	3-pole for 1.5 module/ pole MCBs	3-pole for auxiliary	4-pole
1 row	4 049 26/28	-	4 049 38	4 049 40/66	4 049 42	-	-	4 049 44
meter	4 049 37	4 049 33	4 049 39	4 049 41	4 049 43	-	4 049 34	4 049 45
Fork-type								
1 row	4 049 11	-	4 049 13	4 049 15/67	4 049 17	4 049 87	-	4 049 19
meter	4 049 12	-	4 049 14	4 049 16	4 049 18	-	4 049 10	4 049 20

DISTRIBUTION TERMINAL BLOCKS FROM 63 TO 100 A

• Isc peak 10 kA

Number of outputs	Bar terminal blocks		Insulated terminal blocks IP 2X (XXB)		
	with screws	on support	black	blue	green
4	0 048 01	0 048 20	0 048 50	0 048 40	0 048 30
6			0 048 16	0 048 15	
8	0 048 03	0 048 22	0 048 52	0 048 42	0 048 32
12		0 048 24	0 048 54	0 048 44	0 048 34
14	0 048 05				
16		0 048 25		0 048 45	0 048 35
19	0 048 06				
21		0 048 26		0 048 46	0 048 36
24	0 048 07				
33		0 048 28		0 048 48	0 048 38

STAGGERED BARS DISTRIBUTION BLOCKS FROM 40 TO 160 A

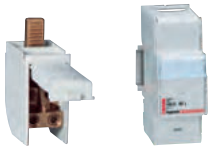
• Isc peak 20 to 42 kA

Ie 40°C(1) (A)	2-pole			4-pole		
	Number of connections and cross section per pole - flexible wire (mm²)			Number of connections and cross section per pole - flexible wire (mm²)		
	Cat.Nos	Inputs	Outputs	Cat.Nos	Inputs	Outputs
40	4 004 00	1 x 10	2 x 10 + 10 x 4	4 004 04	1 x 10	2 x 10 + 10 x 4
100	4 004 01	1 x 16	1 x 16 + 5 x 10	4 004 05	1 x 16	1 x 16 + 5 x 10
	4 004 02	1 x 16	2 x 16 + 8 x 10	4 004 06	1 x 16	2 x 16 + 8 x 10
				4 004 07	1 x 25(2)	3 x 16 + 8 x 10
125	4 004 03	1 x 25	3 x 16 + 11 x 10	4 004 08	1 x 25	3 x 16 + 7 x 10
				4 004 09	1 x 25	3 x 16 + 11 x 10
				4 004 10	1 x 35(2)	2 x 25 + 1 x 16 + 12 x 10
160				4 004 11	1 x 70(2)	2 x 16/25(3) + 4 x 16 + 8 x 10
250				0 048 77	1 x 120	1 x 35 + 2 x 25 + 2 x 16 + 6 x 10

1 : rated operational current at 40°C
2 : external input
3 : four 25 mm² ferrules supplied with the distribution block

SINGLE POLE MODULAR DISTRIBUTION BLOCKS AND DISTRIBUTION TERMINALS FROM 125 TO 250 A

• Isc peak 27 to 60 kA



Admissible maximum rating (A)	Cat.Nos	Number and section of conductors per pole (mm²)	
		Inputs	Outputs
40	0 048 71	4 x 35	12 x 10
100	0 048 83	1 x 50 (flexible bar 13 mm max.)	3 x 25 + 2 x 16 + 7 x 10
100	0 048 67 (distribution terminal)	Direct into the downstream terminal	6 x 25
125	0 048 73	1 x 120 (flexible bar 16 mm max.)	6 x 25 + 4 x 10
250	0 048 68 (distribution terminal)	Direct into the downstream terminal	4 x 35 + 2 x 25

POWER DISTRIBUTION BLOCKS FROM 125 TO 400 A

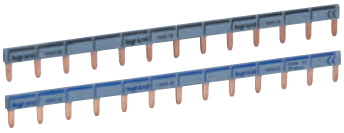
• Isc peak 20 to 75 kA

Admissible maximum rating (A)	Extra-flat			Stepped		
	Number and section of conductors per pole (mm²)			Number and section of conductors per pole (mm²)		
	Cat.Nos	Inputs	Outputs	Cat.Nos	Inputs	Outputs
125	0 374 47	1 x 35	10 x 16 (Ph) 17 x 16 (N)	0 373 95	4 bars 12 x 4 mm receiving 5 connectors 2 x 10 each	
				0 374 30	1 x 35	5 x 25
160				0 374 31	1 x 70	5 x 35
250	0 374 00	1 x 150	1 x 70 or 1 x 50 + 1 x 35 or 2 x 35	0 374 35	1 x 120	5 x 50
400				0 373 08	2 x Ø8.5 mm	21 holes M6 70 mm² max. connectors
				0 374 42	2 x 185	15 holes M6 15 holes M8

Red catalogue numbers: New products

Supply busbars, entry terminals

"standard" distribution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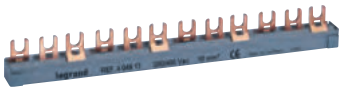
4 049 44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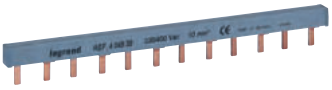
4 049 89

4 049 90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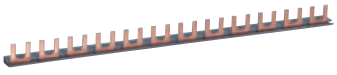
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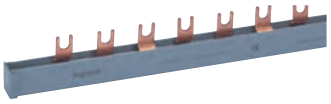
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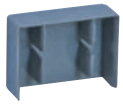
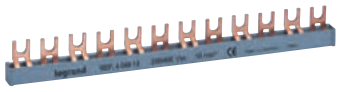
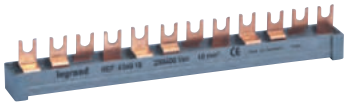

4 049 91

4 049 93

4 049 40


4 049 13


4 049 19

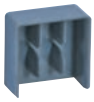
4 049 42

4 049 15

4 049 05

4 049 04

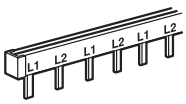
4 049 94

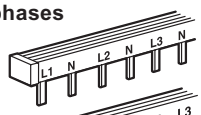

4 049 95

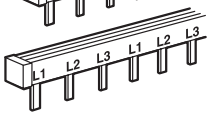
Selection of protections for supply busbars **p. 298**

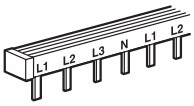
Prong-type supply busbars

Pack	Cat.Nos		Length	Max. number of devices connected
		Universal single pole + neutral Reversible: blue for neutral, black for live		
20	4 049 26		1 row	13
20	4 049 28		1 row	18
10	4 049 37		Meter	57
		Single pole for auxiliary		
10	4 049 33		Meter	37
		Double pole		
10	4 049 38[1]		1 row	6
10	4 049 39		Meter	28
		Double pole balanced on 3 phases		
10	4 049 40[1]		1 row	6
10	4 049 66[1]		1 row	9
10	4 049 41		Meter	28
		Three pole		
10	4 049 42[1]		1 row	4
10	4 049 43		Meter	19
		Three pole for auxiliary		
10	4 049 34		Meter	16
		Four pole		
10	4 049 44[1]		1 row	3
10	4 049 45		Meter	14



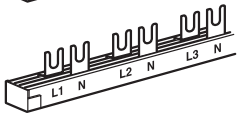






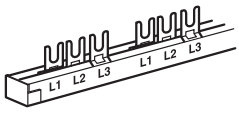
Fork-type supply busbars

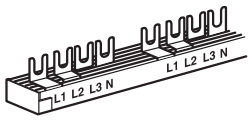
Pack	Cat.Nos		Length	Max. number of devices connected
		Single pole		
10	4 049 11[1]		1 row	12
10	4 049 12		Meter	57
		Double pole		
10	4 049 13[1]		1 row	6
10	4 049 14		Meter	28
		Double pole balanced on 3 phases		
10	4 049 15[1]		1 row	6
10	4 049 67[1]		1 row	9
10	4 049 16		Meter	28



Fork-type supply busbars (continued)

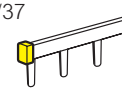
Pack	Cat.Nos			
		Three pole		
10	4 049 17[1]		1 row	4
10	4 049 18		Meter	19
		Three pole for 1.5 module/pole MCBs		
10	4 049 87[1]		1 row	12
		Three pole for auxiliary		
10	4 049 10		Meter	16
		Four pole		
10	4 049 19[1]		1 row	3
10	4 049 20		Meter	14





Protection

Pack	Cat.Nos	
		Protection of prongs
20	4 049 88	12 modules Can be cut to length
		Protection of prong-type and fork-type supply busbar ends
40	4 049 89	For single pole/single pole + neutral supply busbars Cat.Nos 4 049 26/28/33/37
20	4 049 90	For three pole supply busbars Cat.Nos 4 049 34/42/43
20	4 049 91	For four-pole supply busbars Cat.Nos 4 049 40/41/44/45/66/67
20	4 049 94	For double pole supply busbars Cat.Nos 4 049 14/38/39
20	4 049 95	For three-pole supply busbars Cat.Nos 4 049 17/18/87



Entry terminals

Pack	Cat.Nos	
20	4 049 05	For universal single pole + neutral or single pole supply busbars Cross section: 4 to 25 mm² - IP 2X
10	4 049 04	For fork-type supply busbars Cross section: 4 to 25 mm² - IP 2X
20	4 049 06	For all supply busbars Cross section: 6 to 35 mm²

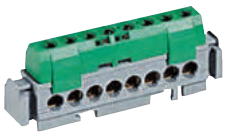
1: Filled with end protection

Distribution terminal blocks

0 048 03

0 048 22

0 048 15



0 048 32

Pack	Cat.Nos			
			Distribution terminal blocks	
			Conform to standard IEC 60998-2-1 Supplied ready for use (screws not tightened) 100 A max. - 400 V~ with 25 mm² input 80 A max. - 400 V~ with 16 mm² input Icc = 10 kA rms	
			Screw terminal blocks	
			Fit with Ø D4 screws	
			Number of connections (mm²)	Length (mm)
10	0 048 01		1 x 6 to 25 + 4 x 1.5 to 16	45
10	0 048 03		1 x 6 to 25 + 8 x 1.5 to 16	73
10	0 048 05		1 x 6 to 25 + 14 x 1.5 to 16	122
10	0 048 06		1 x 6 to 25 + 19 x 1.5 to 16	157
10	0 048 07		1 x 6 to 25 + 25 x 1.5 to 16	192
			Terminal blocks on support	
			Mounting on ⊔ or ⊏⊐ rail with universal support Cat.No 0 048 11, or on 12 x 2 flat bar	
			Supplied with Duplix markers	
10	0 048 20[1]		4 x 1.5 to 16	47
10	0 048 22[1]		8 x 1.5 to 16	75
10	0 048 24[1]		1 x 6 to 25 + 12 x 1.5 to 16	113
10	0 048 25[1]		1 x 6 to 25 + 16 x 1.5 to 16	141
10	0 048 26[1]		1 x 6 to 25 + 21 x 1.5 to 16	176
10	0 048 28[1]		1 x 6 to 25 + 33 x 1.5 to 16	276
			IP 2X terminal blocks	
			Mounting on ⊔ or ⊏⊐ rail with universal support Cat.No 0 048 11, or on 12 x 2 flat bar	
	Phase (black)	Neutral (blue)		
10	0 048 16	0 048 15	1 x 10 to 35 + 5 x 6 to 25	62
10	0 048 50	0 048 40	4 x 1.5 to 16	47
10	0 048 52	0 048 42	8 x 1.5 to 16	75
10	0 048 54	0 048 44	1 x 6 to 25 + 12 x 1.5 to 16	113
10		0 048 45	1 x 6 to 25 + 16 x 1.5 to 16	141
10		0 048 46	1 x 6 to 25 + 21 x 1.5 to 16	176
10		0 048 48	2 x 6 to 25 + 33 x 1.5 to 16	276
	Earth (green)			
10	0 048 30		4 x 1.5 to 16	47
10	0 048 32		8 x 1.5 to 16	75
10	0 048 34		1 x 6 to 25 + 12 x 1.5 to 16	113
10	0 048 35		1 x 6 to 25 + 16 x 1.5 to 16	141
10	0 048 36		1 x 6 to 25 + 21 x 1.5 to 16	176
10	0 048 38		2 x 6 to 25 + 33 x 1.5 to 16	276
			Supports for terminal blocks	
1	0 048 10		Distribution block support for connecting up to 4 IP 2X terminal blocks or terminal blocks on support of the same size, to create a distribution block	
5	0 048 11		Universal support for mounting an terminal blocks on ⊔ or ⊏⊐ rail	
5	0 048 17		35-holes empty support, for screw terminal blocks Length: 276 mm	
			Flat bar 12 x 2	
10	0 048 19		Length: 1 meter	

1: Each terminal block is supplied with:
- 2 green Duplix marked ⏚ - 2 blue Duplix marked N
- 2 red Duplix marked L

Supply busbars and distribution terminal blocks

Selection of protections for supply busbars (p. 297)

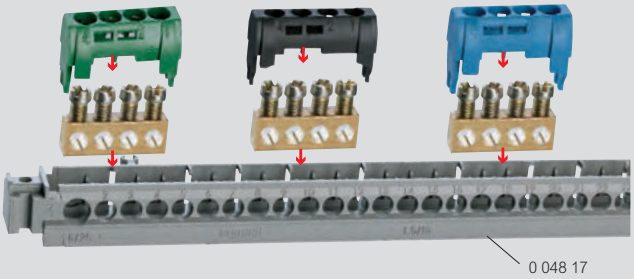
Supply busbars Cat.Nos	Protections Cat.Nos
4 049 26/28/33/37	4 049 89
4 049 10/34/42/43	4 049 90
4 049 15/16/19/20/40/41/44/45/66/67	4 049 91
4 049 09/11/12	4 049 93
4 049 13/14/38/39	4 049 94
4 049 17/18/87	4 049 95

Mounting of terminal blocks on support

On 12 x 2 flat bar

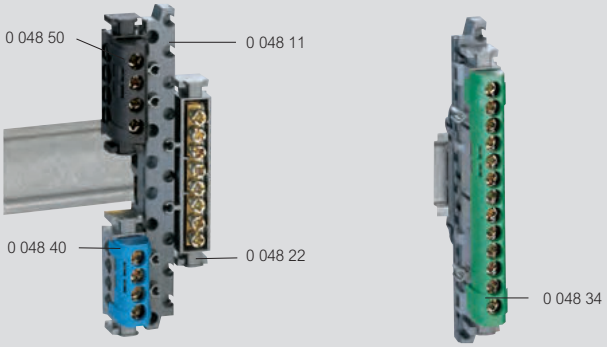
On support for terminal blocks Cat.No 0 048 17

Enables you to make exactly the right number of connections
• Example:



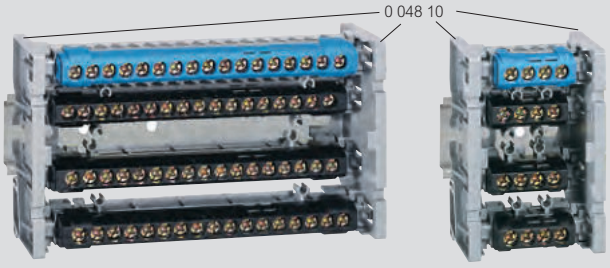
Universal support Cat.No 0 048 11

Mounted on ⊔ or ⊏⊐ rail, takes all terminal blocks



On distribution block support Cat.No 0 048 10

Possibility of forming a 2P, 3P or 4P distribution block by associating IP 2X terminal blocks



Modular distribution blocks

4 004 01

4 004 06

4 004 07 equipped with a Neutral terminal block

4 004 09

0 048 77

0 048 83

Conform to standard EN 60947-1
Connection with or without Starfix ferrules

Staggered bars distribution blocks

With removable pivoting cover (except for Cat.No 4 004 11)
Quick and easy installation:
- optimized wiring space and orientation of the bars
- connections sized and positioned for ease of connection

Transparent insulating protection between each bar and at the back of the distribution block
Integrated system preventing accidental unscrewing of unused connections
Fixing on ⊔ rail
Option of adding an IP 2X terminal block to increase the number of Earth or Neutral outgoing lines

2-pole

Pack	Cat.Nos	Ie (A)	Connections per bar: rigid (mm²)	Connections per bar: flexible (mm²) with or without ferrule	Number of modules
5	4 004 00	40	Incomer: 2.5 to 10 12 outgoing lines: 2 x 2.5 to 10 10 x 1.5 to 6	Incomer: 1.5 to 10 12 outgoing lines: 2 x 1.5 to 10 10 x 0.75 to 4	6
10	4 004 01	100	Incomer: 10 to 25 6 outgoing lines: 1 x 10 to 25 5 x 2.5 to 10	Incomer: 6 to 16 6 outgoing lines: 1 x 6 to 16 5 x 1.5 to 10	4
5	4 004 02	100	Incomer: 10 to 25 10 outgoing lines: 2 x 10 to 25 8 x 2.5 to 10	Incomer: 6 to 16 10 outgoing lines: 2 x 6 to 16 8 x 1.5 to 10	6
5	4 004 03	125	Incomer: 10 to 35 14 outgoing lines: 3 x 10 to 25 11 x 2.5 to 10	Incomer: 6 to 25 14 outgoing lines: 3 x 6 to 16 11 x 1.5 to 10	8

4-pole

Pack	Cat.Nos	Ie (A)	Connections per bar: rigid (mm²)	Connections per bar: flexible (mm²) with or without ferrule	Number of modules
6	4 004 04	40	Incomer: 2.5 to 10 12 outgoing lines: 2 x 2.5 to 10 10 x 1.5 to 6	Incomer: 1.5 to 10 12 outgoing lines: 2 x 1.5 to 10 10 x 0.75 to 4	6
12	4 004 05	100	Incomer: 10 to 25 6 outgoing lines: 1 x 10 to 25 5 x 2.5 to 10	Incomer: 6 to 16 6 outgoing lines: 1 x 6 to 16 5 x 1.5 to 10	4
6	4 004 06	100	Incomer: 10 to 25 10 outgoing lines: 2 x 10 to 25 8 x 2.5 to 10	Incomer: 6 to 16 10 outgoing lines: 2 x 6 to 16 8 x 1.5 to 10	6
6	4 004 07[1]	100	Incomer: 10 to 35 11 outgoing lines: 3 x 10 to 25 8 x 2.5 to 10	Incomer: 6 to 25 11 outgoing lines: 3 x 6 to 16 8 x 1.5 to 10	8
6	4 004 08	125	Incomer: 10 to 35 10 outgoing lines: 3 x 10 to 25 7 x 2.5 to 10	Incomer: 6 to 25 10 outgoing lines: 3 x 6 to 16 7 x 1.5 to 10	6
6	4 004 09	125	Incomer: 10 to 35 14 outgoing lines: 3 x 10 to 25 11 x 2.5 to 10	Incomer: 6 to 25 14 outgoing lines: 3 x 6 to 16 11 x 1.5 to 10	8

Staggered bars distribution blocks (continued)

Pack	Cat. Nos	Ie (A)	Connections per bar: rigid (mm²)	Connections per bar: flexible (mm²) with or without ferrule	Number of modules
1	4 004 10[1]	125	Incomer: 16 to 35 15 outgoing lines: 2 x 10 to 35 1 x 10 to 25 12 x 2.5 to 10	Incomer: 16 to 35[2] 15 outgoing lines: 2 x 6 to 25 1 x 6 to 16 12 x 1.5 to 10	10
1	4 004 11[1]	160	Incomer: 35 to 70 14 outgoing lines: 2 x 10 to 35 4 x 10 to 25 8 x 2.5 to 10	Incomer: 35 to 70 14 outgoing lines: 1 x 10 to 25[3] 1 x 10 to 16 4 x 6 to 16 8 x 1.5 to 10	10

4-pole distribution block 250 A

Supplied with transparent protective front cover
Mounting on ⊔ rail or on plate

Pack	Cat. Nos	Ie (A)	Connections per bar: rigid (mm²)	Connections per bar: flexible (mm²) with or without ferrule	Number of modules
1	0 048 77	250	Incomer: 50 to 120 11 outgoing lines: 1 x 16 to 50 2 x 10 to 35 2 x 10 to 25 6 x 2.5 to 16	Incomer: 50 to 120 11 outgoing lines: 1 x 16 to 35 2 x 10 to 25 2 x 6 to 16 6 x 2.5 to 10	9

Single pole distribution blocks

Mounting on rail ⊔
Fitted with Lexic label holder
Can be joined together
Possibility of forming a four pole distribution block by adding modules

Single pole

Pack	Cat. Nos	Ie (A)	Connections per bar: rigid (mm²)	Connections per bar: flexible (mm²) with or without ferrule	Number of modules
4	0 048 71	125	Incomer: 10 to 50 15 outgoing lines: 3 x 10 to 50 12 x 2.5 to 6	Incomer: 10 to 35 15 outgoing lines: 3 x 10 to 35 12 x 1.5 to 6	2
4	0 048 83	160	Incomer: 35 to 70 12 outgoing lines: 3 x 10 to 35 2 x 6 to 25 7 x 2.5 to 10	Incomer: 25 to 50 12 outgoing lines: 3 x 10 to 25 2 x 6 to 16 7 x 1.5 to 6	2
4	0 048 73	250	Incomer: 70 to 150 10 outgoing lines: 6 x 10 to 35 4 x 2.5 to 16	Incomer: 70 to 120 10 outgoing lines: 6 x 10 to 25 4 x 2.5 to 10	2

Distribution terminals

Pack	Cat. Nos	
1	0 048 67	160 A - 6 outputs 25 mm² flexible - Isc peak 30 kÂ Can be fitted directly onto downstream terminal of Vistop 100/160 A
1	0 048 68	250 A - 4 outputs 35 mm² flexible and 2 outputs 25 mm² flexible - Isc peak 36 kÂ Can be fitted directly onto downstream terminal of DPX-IS 250

1: with external incomers
2: with ferrule only
3: ferrules supplied for 25 mm² connection

Red catalogue numbers: New products

Modular distribution blocks

technical characteristics

Rated operational current Ie at 40°C
Insulation voltage (Ui) in accordance with EN 60947-1/IEC 60664-1: 500 V
Impulse voltage (Uimp): 8 kV - degree of pollution: 3
Use in DC: no derating
Self-extinguishing 960°C on the mountings for live parts

Staggered bars distribution blocks

Distribution block Cat.No	Ipk/peak Isc - 60 ms (kA)	Icw - 1 s (kA)
4 004 00 to 4 004 03	26	4.5
4 004 04 to 4 004 09		
4 004 10	20	4.5
4 004 11	27	8.4

250 A distribution block (4-pole)

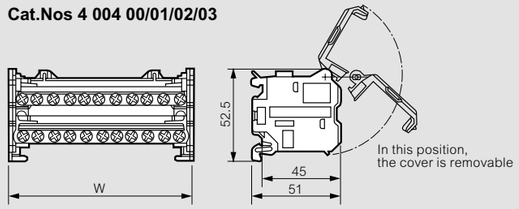
Cat.No	Ipk/peak Isc - 60 ms (kA)	Icw - 1 s (kA)
0 048 77	42	14,4

Single pole distribution blocks (can be joined together)

Cat.No	Ipk/peak Isc - 60 ms (kA)	Icw - 1 s (kA)
0 048 71	35	9,5
0 048 83	27	10
0 048 73	60	18

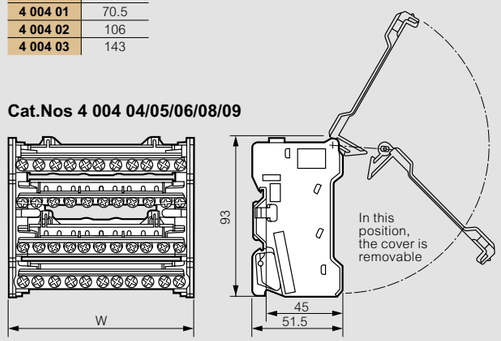
Dimensions - Staggered bars distribution blocks

Cat.Nos 4 004 00/01/02/03



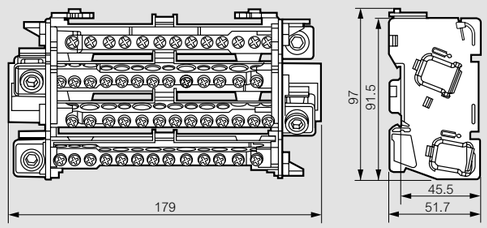
Cat.No	W (mm)
4 004 00	106
4 004 01	70.5
4 004 02	106
4 004 03	143

Cat.Nos 4 004 04/05/06/08/09

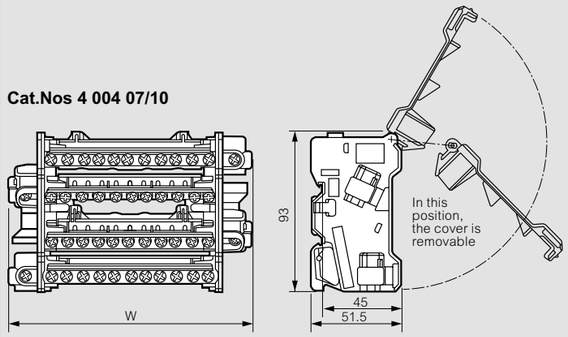


Cat.No	W (mm)
4 004 04	106
4 004 05	70.5
4 004 06	106
4 004 08	106
4 004 09	143

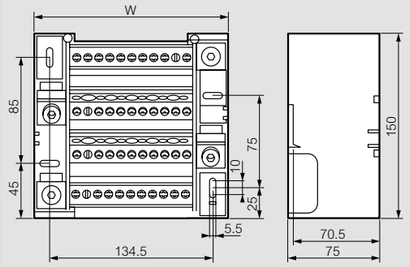
Cat.No 4 004 11



Cat.Nos 4 004 07/10



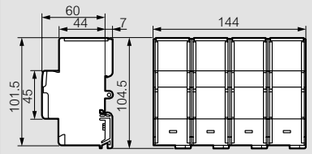
Cat. No	W (mm)
4 004 07	139
4 004 10	176



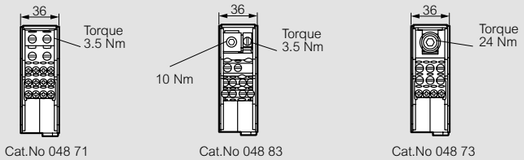
Cat. No	W (mm)
0 048 77	160

Dimensions - Single pole distribution blocks

Single pole 125 - 160 - 250 A, Cat.Nos 0 048 71/83/73



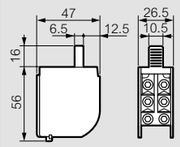
Connection



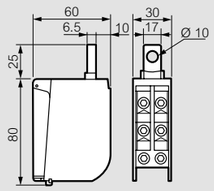
Cat.No 048 71 — Cat.No 048 83 — Cat.No 048 73

Dimensions - Distribution terminals, Cat.Nos 0 048 67/68

160 A



250 A



Dimensions of bar connections and cross sections with Starfix ferrules

Cat.Nos distribution block	I max (A)	Number of modules	Bar connections		Raccordement avec embout	
			Number	Diameter (mm)	Cross section flexible wire (mm²)	Cat.No Starfix ferrules
4 004 00	40	6	Input	5.6	1.5 to 10	0 376 64/66/67/68/69 0 377 64/66/67/68
			2	5.6	1.5 to 10	
			10	5.1	0.75 to 4	0 376 62/63/64/66/67 0 377 62/63/64/66/67
4 004 01	100	4	Input	7.6	6 to 16	0 376 68/69/70/72 0 377 68
			1	7.6	6 to 16	
			5	5.6	1.5 to 10	0 376 64/66/67/68/69 0 377 64/66/67/68
4 004 02	100	6	Input	7.6	6 to 16	0 376 68/69/70/72 0 377 68
			2	7.6	6 to 16	
			8	5.6	1.5 to 10	0 376 64/66/67/68/69 0 377 64/66/67/68
4 004 03	125	8	Input	8.6	6 to 25	0 376 68/69/70/72/71 0 377 68
			3	7.6	6 to 16	0 376 68/69/70/72 0 377 68
			11	5.6	1.5 to 10	0 376 64/66/67/68/69 0 377 64/66/67/68
4 004 04	40	6	Input	5.6	1.5 to 10	0 376 64/66/67/68/69 0 377 64/66/67/68
			2	5.6	1.5 to 10	
			10	5.1	0.75 to 4	0 376 62/63/64/66/67 0 377 62/63/64/66/67
4 004 05	100	4	Input	7.6	6 to 16	0 376 68/69/70/72 0 377 68
			1	7.6	6 to 16	
			5	5.6	1.5 to 10	0 376 64/66/67/68/69 0 377 64/66/67/68
4 004 06	100	6	Input	7.6	6 to 16	0 376 68/69/70/72 0 377 68
			2	7.6	6 to 16	
			8	5.6	1.5 to 10	0 376 64/66/67/68/69 0 377 64/66/67/68
4 004 07	100	8	Input[1]	8.6	6 to 25	0 376 68/69/70/72/71 0 377 68
			3	7.6	6 to 16	0 376 68/69/70/72 0 377 68
			8	5.6	1.5 to 10	0 376 64/66/67/68/69 0 377 64/66/67/68
4 004 08	125	6	Input	8.6	6 to 25	0 376 68/69/70/72/71 0 377 68
			3	7.6	6 to 16	0 376 68/69/70/72 0 377 68
			7	5.6	1.5 to 10	0 376 64/66/67/68/69 0 377 64/66/67/68
4 004 09	125	8	Input	8.6	6 to 25	0 376 68/69/70/72/71 0 377 68
			3	7.6	6 to 16	0 376 68/69/70/72 0 377 68
			11	5.6	1.5 to 10	0 376 64/66/67/68/69 0 377 64/66/67/68
4 004 10	125	10	Input[1]	[2]	16 to 35	0 376 70/72/71/77
			2	8.6	6 to 25	0 376 68/69/70/72/71 0 377 68
			1	7.6	6 to 16	0 376 68/69/70/72 0 377 68
			12	5.6	1.5 to 10	0 376 64/66/67/68/69 0 377 64/66/67/68
4 004 11	160	10	Input[1]	[2]	35 to 70	0 376 77/78
			2	9	10 to 16/25[3]	0 376 69/70/72
			4	7.5	6 to 16	0 376 68/69/70/72 0 377 68
			8	5.3	1.5 to 10	0 376 64/66/67/68/69 0 377 64/66/67/68
0 048 77	250	9	Input	[2]	50 to 120	0 376 78
			1	10	16 to 35	0 376 70 to 72/77 0 377 68
			2	8.5	10 to 25	0 376 69 to 72 0 377 68
			2	7.5	6 to 16	0 376 68 to 70/72
			6	6	2.5 to 10	0 376 66 to 69 0 377 66/67/68

1 : External input
2 : Specific shape
3 : four 25 mm² ferrules supplied with the distribution block

Staggered bars distribution blocks

Equipped with IP 2X insulated terminal blocks

Cat.Nos distribution blocks	IP 2X insulated terminal blocks	Distribution block derating	
		Voltage	Current
4 004 00	0 048 34[1]	400 V	40 A
4 004 01	0 048 32[1]		80 A
4 004 02	0 048 34[1]		80 A
4 004 03	0 048 35[1]		100 A
4 004 04	0 048 44[2]		40 A
4 004 05	0 048 42[2]		80 A
4 004 06	0 048 44[2]		80 A
4 004 07	0 048 45[2]		80 A
4 004 08	0 048 44[2]		100 A
4 004 09	0 048 45[2]		100 A
4 004 10	0 048 45[2]		100 A
4 004 11	0 048 45[2]		100 A

1 : ⏚
2 : Neutre

Characteristics of distribution blocks for use in photovoltaic installations

No of 18 mm modules	Cat.Nos	Max. cross-section for "solar cable"	Max. Ie (A) current T = (+40°C/+60°C) IEC 60364-1	Ui (V) Degree of pollution 2 IEC 60664-1	Impulse voltage Uimp IEC 60664-1
Single pole distribution block					
2	0 048 71	4 x 16 to 25 mm² 12 x 1.5 to 6 mm² or 6 x 10 mm²	125/100	1000 V[1]	8 kV[2]
2	0 048 83	1 x 50 mm² 7 x 1.5 to 6 mm² 2 x 6 to 16 mm² 3 x 10 to 25 mm²	160/125	1000 V[1]	8 kV[2]
2	0 048 73	1 x 70 to 120 mm² 4 x 2.5 to 10 mm² 6 x 10 to 16 mm² or 3 x 25 mm²	250/200	1000 V[1]	8 kV[2]
Double pole distribution blocks					
6	4 004 00	10 x 1.5 to 4 mm² 3 x 4 to 10 mm²	40/32	800 V[1]	8 kV[2]
4	0 048 80	5 x 1.5 to 6 mm² 2 x 6 to 16 mm²	100/80	800 V[1]	8 kV[2]
8	4 004 02	8 x 1.5 to 6 mm² 3 x 6 to 16 mm²	100/80	800 V[1]	8 kV[2]
8	0 048 82	11 x 1.5 to 6 mm² 2 x 6 to 16 mm² 2 x 10 to 25 mm²	125/100	800 V[1]	8 kV[2]

1: Supplementary insulation provided for the support rail in the context of application of UTE C 15712 double insulation
2: Impulse voltage tested at 12 kV in the context of application of UTE C 15712 double insulation

0 374 00

0 373 08

"Standard" distribution
Supplied with screen protection

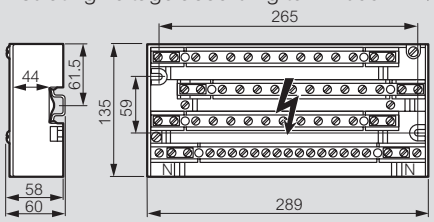
Pack	Cat.Nos	Extra-flat for lugs
		125 A
1	0 374 47	Fixing on rail EN 60715 ⊥ or on plate with M6 screws. Equipped with: - 1 incoming 35 mm² (possible tapp-off) - 10 phase outgoing 16 mm² - M5 screws - 17 neutral outgoing 16 mm² - M5 screws Connection possible using connector Cat.No 0 373 65 (p. 432)
		250 A
1	0 374 00	Fixing on plain plate or on plate with M6 screws Distribution block 1 incoming 150 mm² per pole: - 1 pole is composed of 3 parts - Each part can receive: 1 x 70 mm² or 1 x 50 mm² and 1 x 35 mm², or 2 x 35 mm² or 1 connector with 3 outgoing terminals Cat.No 0 374 03 (p. 303)
		Stepped for lugs
		125 A
1	0 373 95	Fixing on rail EN 60715 ⊥ depth 15 mm or on plate with screws Ø 4 mm (by removing claws) 4 bars 12 x 4 mm with five connectors 2 x 10 mm²/bar (not mounted)
1	0 374 30	Fixing on rail EN 60715 ⊥, with claws Cat.No 0 374 39 (p. 439) or on plate with M6 screws 4 bars 15 x 4 mm supplied with: - 1 incoming 35 mm² - M8 screws - 5 outgoing 25 mm² - M6 screws
		160 A
1	0 374 31	Fixing on rail EN 60715 ⊥, with claws Cat.No 0 374 39 (p. 439) or on plate with M6 screws 4 bars 18 x 4 mm supplied with: - 1 incoming 70 mm² max. - M8 screws - 5 outgoing 35 mm² - M6 screws
		250 A
1	0 374 35	Fixing on rail EN 60715 ⊥, with claws Cat.No 0 374 39 (p. 439) or on plate with M6 screws 4 bars 25 x 4 mm supplied with: - 1 incoming 120 mm² - M10 screws - 5 outgoing 50 mm² - M8 screws
		400 A
1	0 373 08	Horizontal mounting in XL³ 400 cabinets, vertical in XL³ 400 cable sleeve, vertical in XL³ 800 internal cable sleeve or on solid plate using the M6 screws supplied Distribution block consisting of 4 tin-coated bars 32 x 5 mm with insulated protection Composition of each bar: - 2 x Ø 8.5 mm untapped holes for power supply (flexible bars, ...) - 21 outgoing M6 holes (70 mm² lugs max.)
1	0 374 42	Fixing on rail EN 60715 ⊥, with claws Cat.No 0 374 39 (p. 439) Distribution block consisting of 4 bars 32 x 5 mm Composition of each bar: - 2 x Ø 10.5 mm untapped holes for power supply (185 mm² max.) - 15 outgoing M6 holes, 4 outgoing M8 holes

Power distribution blocks

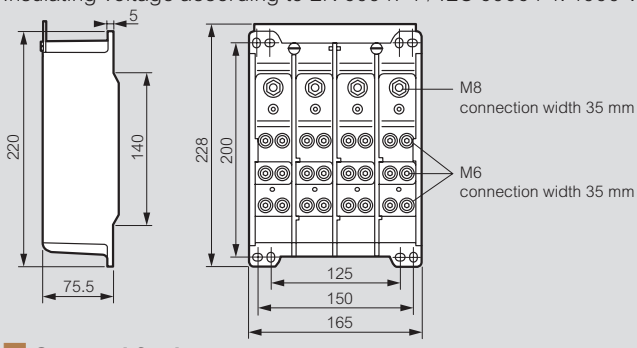
Extra-flat for lugs

Self extinguishing: 960 °C according to EN 60695-2-11

125 A Cat.No 0 374 47 - Isc peak 25 kÂ
Insulating voltage according to EN 60947-1 / IEC 60664-1: 500 V



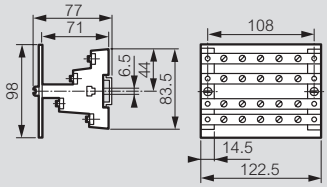
250 A Cat.No 0 374 00 - Isc peak 60 kÂ
Insulating voltage according to EN 60947-1 / IEC 60664-1: 1000 V



Stepped for lugs

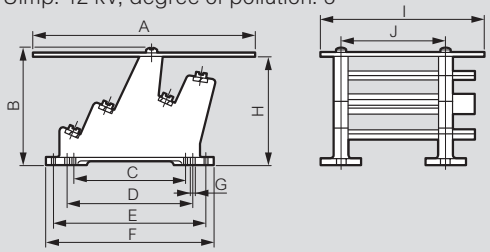
125 A Cat.No 0 373 95 - Isc peak 20 kÂ

Insulating voltage according to EN 60947-1 / IEC 60664-1: 600 V
Self extinguishing: 850 °C according to EN 60695-2-11



125/160/250 A Cat.Nos 0 374 30/31/35 - Isc peak 35 kÂ

Insulating voltage according to EN 60947-1 / IEC 60664-1: 1000 V
Self extinguishing: 850 °C according to EN 60695-2-11
Uimp: 12 kV, degree of pollution: 3

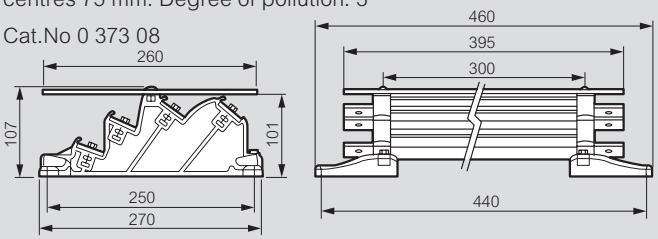


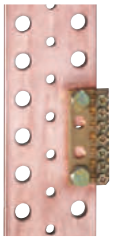
Dimensions (mm)

Distribution blocks	A	B	C	D	E	F	G	H	I	J
125 A	225	125	110	125	165	189	6.5	117.5	165	108
160 A	240	125	110	125	165	189	6.5	117.5	180	120
250 A	260	155	110	125	185	209	6.5	147.5	195	120

400 A Cat.No 0 373 08 - Isc peak 42 kÂ. Insulating voltage according to EN 60947-1 / IEC 60664-1: 1000 V. Uimp: 12 kV, degree of pollution: 3
Self extinguishing: 960 °C according to EN 60695-2-11
Cat.No 0 374 42 - Isc peak 50/75 kÂ. Insulating voltage according to EN 60947-1 / IEC 60664-1: 1000 V fixing centres 50 mm,1500 V fixing centres 75 mm. Uimp: 8 kV fixing centres 50 mm, 12 kV fixing centres 75 mm. Degree of pollution: 3

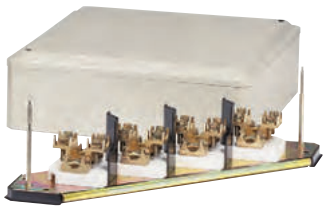
Cat.No 0 373 08





0 374 05 on copper bar

0 374 80



0 330 74

"Standard" distribution

Pack	Cat.Nos	Connectors
10	0 374 03	**With 3 outgoing terminals 200 A** Fits onto flat copper bars and distribution block Cat.No 0 374 00 (p. 302) Capacity: - 1 x Ø 5.3 mm outgoing terminal for 1.5 to 6 mm² connection - 2 x Ø 7.5 mm outgoing terminals for 6 to 16 mm² connection
4	0 373 99	**With 6 outgoing terminals 250 A** Fits onto C section aluminium bars with M10 hammer head bolt Cat.No 0 373 59 or onto flat copper bars Capacity: - 4 x 6 to 35 mm² - 2 x 6 to 25 mm²
5	0 374 05	**With 7 outgoing terminals 400 A** Fits onto flat copper bars Capacity: - 4 x Ø 5.3 mm outgoing terminals for 1.5 to 6 mm² connection - 3 x Ø 7.5 mm outgoing terminals for 6 to 16 mm² connection

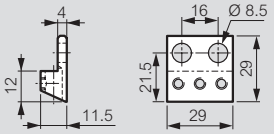
		Aluminium/copper distribution boxes up to 300 mm²
		Adapt the cross-section of the incoming or outgoing cable in order to connect a device IP 2X box, self-extinguishing transparent cover Universal fixing on ⊔ rail or on plate Reversible sealable cover with area for label Operational voltage: Ue = 690 V~ according to EN 60947-1/IEC 60664-1 • Aluminium connection Conform to standard NFC 63-061 class B • Copper connection Conform to standard EN 60947-7-1 Supplied with copper coupling strip
5	0 374 80	Aluminium/copper 120 mm² distribution box 300 A max. Incoming: 16 to 120 mm² Aluminium or 16 to 120 mm² copper Outgoing: 16 to 70 mm² copper
4	0 374 81	Aluminium/copper 300 mm² distribution box 540 A max. Incoming: 70 to 300 mm² Aluminium or 70 to 185 mm² copper Outgoing: 70 to 150 mm² copper

		Junction boxes IP 30 - IK 07		
		For copper cables 4 connections per pole Reversible stirrup for zero clamping Fitted with 4 or 5 junction blocks mounted on an insulated strip with a sheet steel cover Knock-out entries for conduits Ø 9 and 21 mm Sealable cover screws RAL 7035		
		Poles	Cable section (mm²)	Rated current (A)
1	0 330 44	4	35	125
1	0 330 54	4	70	192
1	0 330 74	4	150	309
1	0 330 84	4	240	415

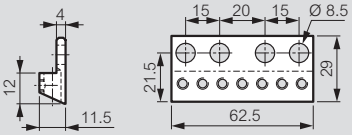
Connection

Connectors

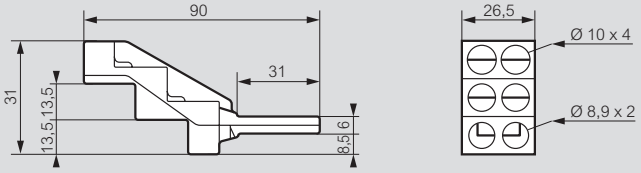
Cat.No 0 374 03



Cat.No 0 374 05



Cat.No 0 373 99



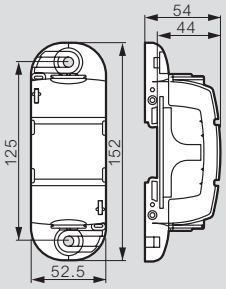
Aluminium/copper distribution boxes

Technical characteristics

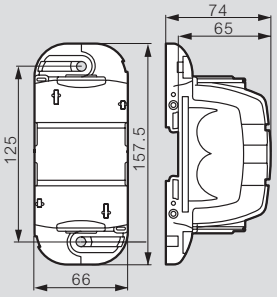
	Cat.No 0 374 80	Cat.No 0 374 81
Impulse voltage (Uimp)	10 kV	12 kV
Short-circuit current Icw for 1 second	14.5 kA	22.2 kA
Tightening torque	14 Nm	30 Nm

Dimensions

Cat.No 0 374 80

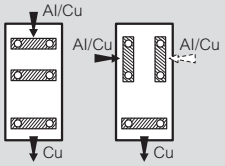


Cat.No 0 374 81

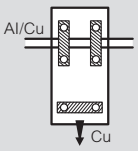


Connection

Junction

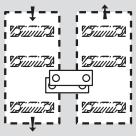


Distribution

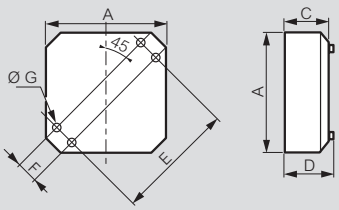


Connecting in series

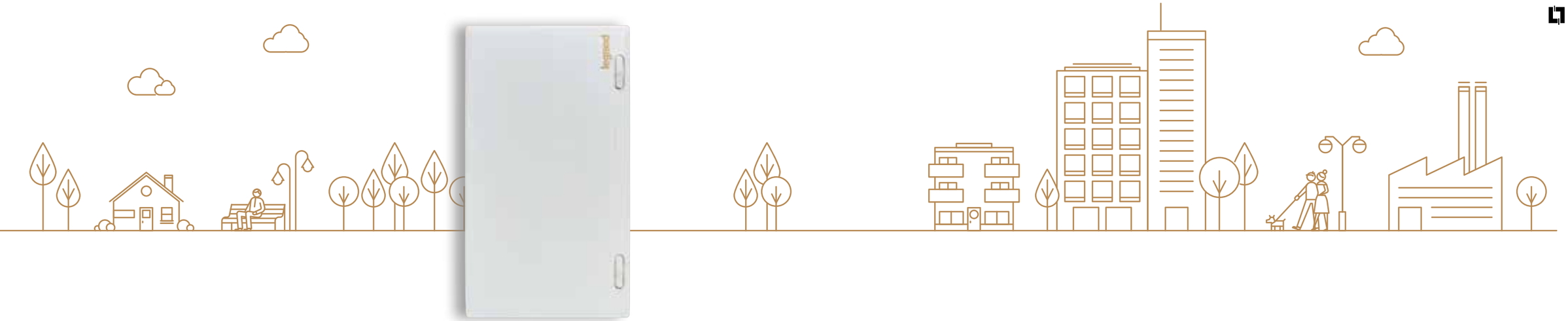
This bridging is made with 2 copper bars (supplied with each product) and accept max. rating of incoming cable for tap-off between 2 distributions boards



Junction boxes



Cat.Nos	A (mm)	C (mm)	D (mm)	E (mm)	F (mm)	G (mm)
0 330 44	236	75	89	264	40	6
0 330 54	276	84	99	314	40	7
0 330 74	319	103	118	361	50	7
0 330 84	510	129	144	613	65	9



ENCLOSURES & ACCESSORIES

▶ NEW PRODUCTS

P. 411
Plexo
IP 65 weatherproof cabinets

P. 433
Ready-to-use chassis for Atlantic, Atlantic stainless steel and Marina cabinets

P. 446
IP 68 plastic cable

READY TO USE CABINETS & ENCLOSURES

P. 306
Flush-mounting British standard consumer units

P. 308 N
Convivio
3-phase distribution boards with fishbone supply busbar

P. 310
Surface-mounting terminal shield boxes

P. 311
Nedbox
12 modules/row flush-mounting cabinets

P. 312
Practibox S
4 to 22 modules/row surface-mounting cabinets

P. 312
Practibox S
4 to 22 modules/row flush-mounting cabinets

P. 316
Practibox³
12 and 18 modules/row flush-mounting cabinets

P. 318
XL³ 125
18 modules/row surface-mounting distribution cabinets

P. 322
XL³ S 160
24 modules per row metal distribution cabinets

P. 323
XL³ S 160
36 modules per row metal distribution cabinets

P. 332
XL³ S 630
distribution enclosures

P. 335 N
XL³ S 630
equipment & accessories

P. 342
XL³ S 630
insulating supports for busbars

P. 354 N
XL³ S 4000
distribution enclosures

P. 356 N
XL³ S 4000
equipment & accessories

SELF-ASSEMBLY CABINETS & ENCLOSURES

P. 370
XL³ S 4000
insulating supports for busbars

P. 380
XL³ 4000
distribution enclosures

P. 384
XL³ 4000
equipment & accessories

P. 396
XL³ 6300
distribution enclosures

P. 403
Copper bars

P. 405
XL³ 4000 and 6300
isolating supports for busbars

WEATHERPROOF CABINETS & ACCESSORIES

P. 411 N
Plexo
IP 65 weatherproof cabinets

P. 412
Plexo³
IP 65 weatherproof cabinets

P. 416
Atlantic
IP 55/IP 66 metal cabinets

P. 419
Atlantic
IP 66, 304 L stainless steel cabinets

P. 422
Marina
IP 66 polyester cabinets

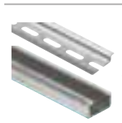
P. 424
Marina
IP 66 polyester enclosures

P. 429
Equipment for Atlantic and Marina cabinets

P. 433 N
Ready to use chassis for Atlantic, Atlantic stainless steel and Marina cabinets

P. 434 N
Chassis for customer assembly for Atlantic, Atlantic stainless steel and Marina cabinets

P. 438
Locking accessories



P. 439
Uprights and rails for cabinets and enclosures

P. 440
Heat regulation for cabinets & enclosures

P. 445
IP 68 metal cable glands

P. 446 N
IP 68 plastic cable glands

BRITISH STANDARD CONSUMER UNITS

Designed to be practical & functional

The IP 41 British standard metal consumer units are designed to meet the needs of residential and small commercial buildings installations. They can be also used in hotels to equip rooms for example.

9 sizes of ready-to-use consumer units

The same cabinet can be flush or surface mounted (easier choice and only few catalogue numbers to store).

Single-phase + neutral

3-phase + neutral

Low voltage consumer units & distribution boards up to 250 A.

Available for download on **www.export.legrand.com**

Flush-mounting British standard consumer units

4 025 08

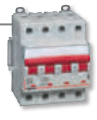
4 025 15

Allows to achieve assemblies conform to IEC 61439-3

Pack	Cat.Nos	Flush-mounting boxes			
		Metal IP 41 Grey Supplied with earth and neutral terminal blocks and 100 A isolated fork type supply busbar Door earthing			
		Single Phase + Neutral			
		Number of ways	Number of modules	Number of supply busbars	Number of modules per busbar
1	4 025 05	4	2 + 4	1	4
1	4 025 06	6	2 + 6	1	6
1	4 025 07	8	2 + 8	1	8
1	4 025 08	12	2 + 12	1	12
1	4 025 09	16	2 + 14	1	16
		3-phase + Neutral			
		Three-phase distribution board for single phase outgoing			
1	4 025 15	4	4 + 12	3	4
1	4 025 16	6	4 + 18	3	6
1	4 025 17	8	4 + 24	3	8
1	4 025 18	12	4 + 36	3	12

Supply busbars **p. 297**

Isolating switches red handle, **p. 58**



Convivio 3-phase distribution boards, **p. 308**

Flush-mounting British standard consumer units

technical characteristics

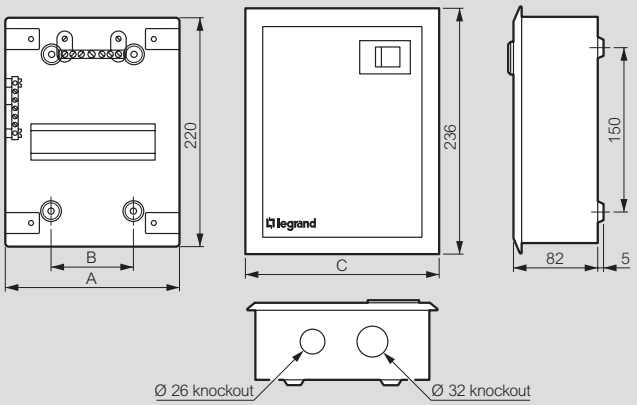
Presentation

Single phase + Neutral

3-phase + Neutral

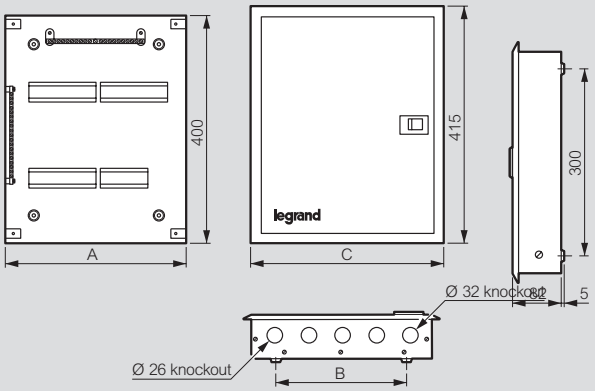
Dimensions

Flush-mounting Single Phase + Neutral



Cat.Nos	No. of ways	Dimensions (mm)			Top Ø25 knockout	Bottom Ø32 knockout
		A	B	C		
4 025 05	4	170	80	190	1 no.	1 no.
4 025 06	6	210	120	230	1 no.	1 no.
4 025 07	8	240	150	260	2 nos.	1 no.
4 025 08	12	316	226	336	3 nos.	1 no.
4 025 09	16	388	298	408	4 nos.	1 no.

Flush-mounting Three-phase + Neutral



Cat.Nos	No. of ways	Dimensions (mm)			Top Ø25 knockout	Bottom Ø32 knockout
		A	B	C		
4 025 15	4	285	195	305	3 nos.	1 no.
4 025 16	6	321	231	341	4 nos.	1 no.
4 025 17	8	405	315	425	5 nos.	1 no.
4 025 18	12	549	459	569	7 nos.	1 no.

Convivio™ 3-phase distribution boards

from 12 to 54 poles (outgoing terminals)

5 075 02

5 075 02 door closed

5 075 10

5 075 10 door closed

5 075 18

Technical characteristics **see opposite**

3-phase distribution boards for DIN-rail mounting circuit breakers
IP 43 - IK 09 with door
Conform to standard IEC 61439-3: busbar type tested (Lovag certified)
Maximum voltage 480 V~ ; Rated short-time withstand current (Icw): 17 kA 0.2 s
Rated peak withstand current (Ipk): 34 kA
Rated insulation voltage (Ui): 500 V ; Rated operational voltage (Ue): 415 V~ ; Rated impulse withstand voltage (Uimp): 4 kV
White RAL 9016
Supplied with: surface or flush-mounting box, door with handle, faceplate, fully isolated tin plated copper busbar, 2 earth and 2 neutral terminal blocks and cable ties for cable management
The number of holes of earth and neutral terminal blocks are equal to the number of outgoing devices

Distribution boards up to 63 A

Flush or surface-mounting
Equipped with ⊔ rail for main circuit breaker: 3P or 3P + N (Neutral on the right-hand side), 1 module/pole, ⊔ rail mounting MCBs

Pack	Cat.Nos	No of poles (outgoing terminals)	No of 3P ways
1	5 075 00	12	4
1	5 075 01	18	6
1	5 075 02	24	8
1	5 075 03	30	10
1	5 075 04	36	12
1	5 075 05	42	14
1	5 075 06	48	16
1	5 075 07	54	18

Distribution boards up to 125 A

Flush or surface-mounting
Equipped with mounting plate for main circuit breaker: DPX³ 160

Pack	Cat.Nos	No of poles (outgoing terminals)	No of 3P ways
1	5 075 08	12	4
1	5 075 09	18	6
1	5 075 10	24	8
1	5 075 11	30	10
1	5 075 12	36	12
1	5 075 13	42	14
1	5 075 14	48	16
1	5 075 15	54	18

Distribution boards up to 250 A

Flush or surface-mounting
Equipped with mounting plate for main circuit breaker: DPX³ 250

Pack	Cat.Nos	No of poles (outgoing terminals)	No of 3P ways
1	5 075 16	12	4
1	5 075 17	18	6
1	5 075 18	24	8
1	5 075 19	30	10
1	5 075 20	36	12
1	5 075 21	42	14
1	5 075 22	48	16
1	5 075 23	54	18

Accessories

Pack	Cat.Nos	
1	5 075 27	**Insulating caps** Set of 20 insulating caps for protecting unused outgoing terminals of the busbar
1	5 075 26	**Earth terminal block** Additional earth terminal block for Convivio distribution boards

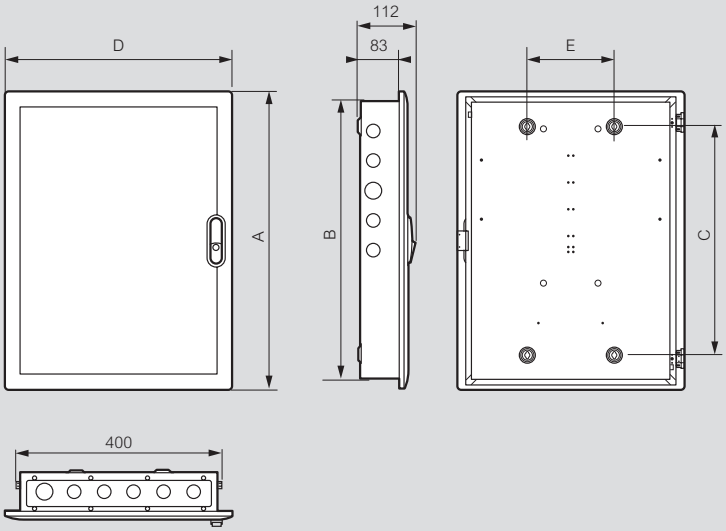
Red catalogue numbers: New products

Convivio™ 3-phase distribution boards

technical characteristics

Dimensions

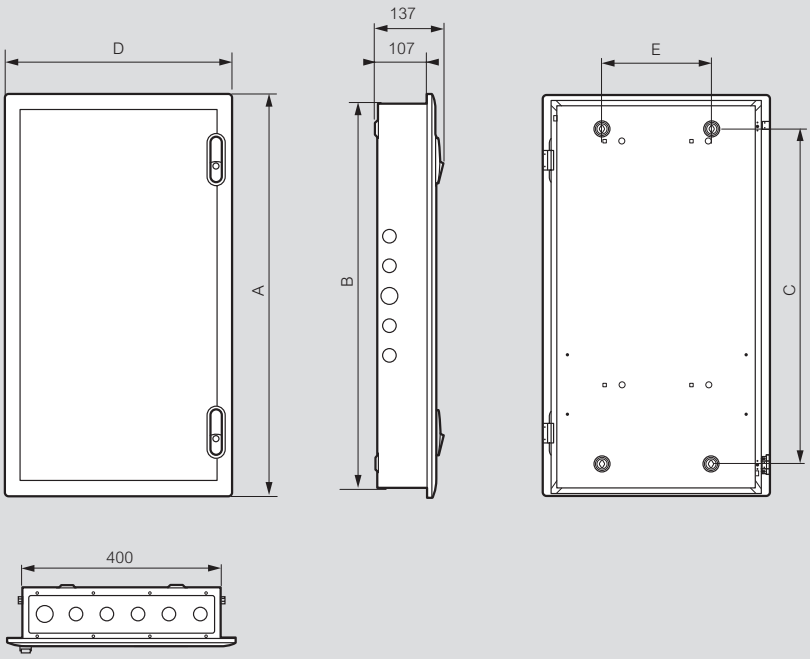
Distribution boards up to 63 A



Cat.Nos	Dimensions (mm)				
	A	B	C	D	E
5 075 00	490	451	352	457	175
5 075 01	544	505	406	457	175
5 075 02	598	559	460	457	175
5 075 03	673	635	536	457	175
5 075 04	728	689	590	457	175
5 075 05	781	743	644	457	175
5 075 06	898	860	761	457	175
5 075 07	898	860	761	457	175

Number of knockouts	Size of the knockouts	
	Ø26 mm	Ø33 mm
Top & Bottom	5	1
Sides	4	1

Distribution boards up to 125 A and 250 A



Cat.Nos	Dimensions (mm)				
	A	B	C	D	E
5 075 08	703	664	565	457	220
5 075 09	757	718	619	457	220
5 075 10	811	772	673	457	220
5 075 11	865	826	727	457	220
5 075 12	919	880	781	457	220
5 075 13	973	934	835	457	220
5 075 14	1027	988	889	457	220
5 075 15	1081	1042	943	457	220
5 075 16	703	664	565	457	220
5 075 17	757	718	619	457	220
5 075 18	811	772	673	457	220
5 075 19	865	826	727	457	220
5 075 20	919	880	781	457	220
5 075 21	973	934	835	457	220
5 075 22	1027	988	889	457	220
5 075 23	1081	1042	943	457	220

Number of knockouts	Size of the knockouts	
	Ø26 mm	Ø33 mm
Top & Bottom	5	1
Sides	4	1

Surface-mounting terminal shield boxes

2 to 6 modules

0 013 56

0 013 57

0 013 58

IP 30
Self extinguishing: 650° C
Supplied without terminal blocks
Class II
White RAL 9003
Covers can be sealed
Allows to achieve assemblies conform to IEC 61439-3

Terminal shield boxes

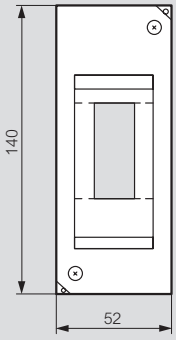
Pack	Cat.Nos	Capacity in 17.5 mm modules	Dimensions (mm) Height x Width x Thickness
50	0 013 56	2 modules	140 x 52 x 68
30	0 013 57	4 modules	140 x 87 x 68
20	0 013 58	6 modules	140 x 130 x 68

Surface-mounting terminal shield boxes

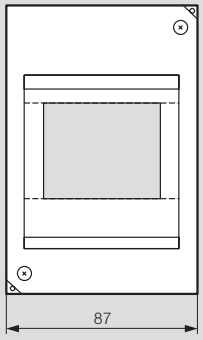
technical characteristics

Dimensions

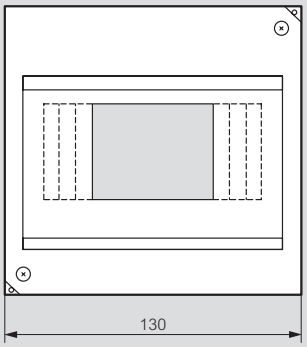
2 modules

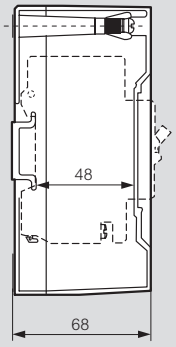


4 modules

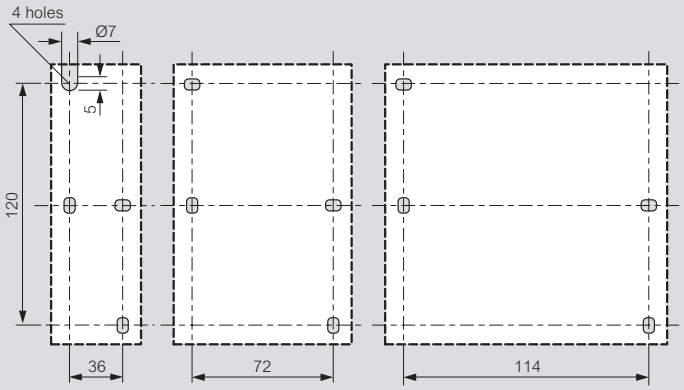


6 modules





Mounting



Flush-mounting cabinets Nedbox

12 to 48 modules

0 014 43

0 014 53

IP 40 - IK 07
Class II
Allows to achieve assemblies conform to IEC 61439-3
Self extinguishing: resistance to incandescent wire 850° C

Pack	Cat.Nos	Flush-mounting distribution cabinets	With metal door white RAL 9003 Flush-mounting box				
			Number of rows	Number of modules	Height (mm)	Width (mm)	Depth (mm)
1	0 014 41	White RAL 9003 Supplied with: - reversible door - screw terminal blocks for neutral and earth Spacing between rails 125 mm For installation in dry partitions use the flush-mounting kit Cat.No 0 014 90	1	12 + 2	305	330	87
1	0 014 42		2	24 + 4	430	330	87
1	0 014 43		3	36 + 6	555	330	87
1	0 014 44		4	48 + 8	680	330	87
		With transparent door					
1	0 014 51		1	12 + 2	305	330	87
1	0 014 52		2	24 + 4	430	330	87
1	0 014 53		3	36 + 6	555	330	87
1	0 014 54		4	48 + 8	680	330	87

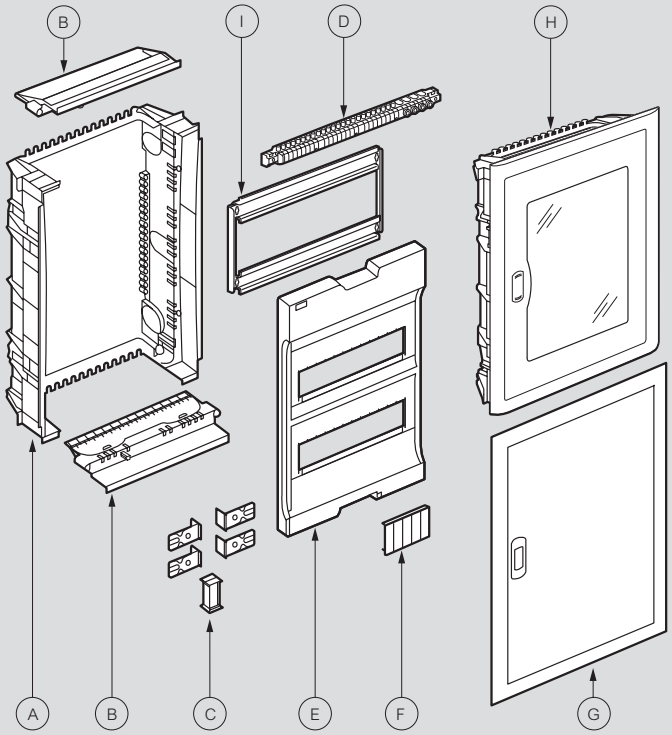
Accessories

		Flush-mounting kit for dry partitions
1	0 014 90	For installation of Nedbox fl ush-mounting cabinets in dry partitions
		Key lock
1	0 014 91	Key lock for Cat.Nos 6 012 42/43/44 and 6 014 41/42/43/44/51/52/53/54

Flush-mounting cabinets Nedbox

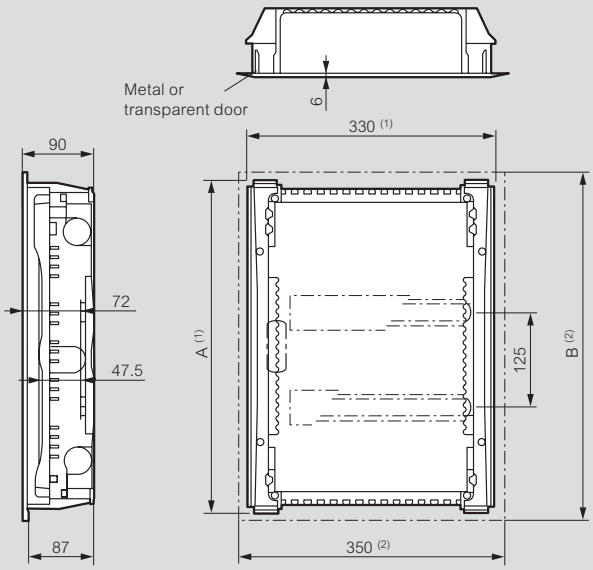
technical characteristics

Distribution cabinets 1, 2, 3 or 4 rows of 12 modules



A : flush-mounting box
B : cable entry plate
C : wall anchors (fasteners) for masonry
D : screw terminal blocks
E : removable faceplate
F : blanking plates
G : metal door
H : transparent door
I : removable chassis

Dimensions



	1 row	2 rows	3 rows	4 rows
A : flush-mounting box height (mm)	305	430	555	680
B : door height (mm)	335	460	585	710

Number of connections per terminal block

Number of rows	Earth terminal blocks Screw connection		Neutral terminal blocks Screw connection	
	1.5 - 16 mm²	1.5 - 10 mm²	1.5 - 16 mm²	1.5 - 10 mm²
1	6	6	6	6
2	8	8	8	8
3	15	15	12	12
4	15	15	18	18

1: Flush-mounting box dimensions 2: Door dimensions

Practibox S

surface-mounting cabinets from 4 to 72 modules

1 351 11

1 351 13

1 351 04

Technical characteristics **p. 314**

Allows to achieve assemblies conform to IEC 61439-3
IP40 IK07
Class II
Plastic material
Supplied with door

Cabinets supplied without terminal blocks

Pack	Cat.Nos							
	White door	Smoked Transparent door	Number of rows	Number of modules per row	Total number of modules	Height (mm)	Width (mm)	Depth (mm)
1	1 341 04	1 341 14	1	4	4	216	184	100
1	1 341 08	1 341 18	1	8	8	226	256	100
1	1 351 01	1 351 11	1	12	12	236	328	107
1	1 351 02	1 351 12	2	12	24	386	328	108
1	1 351 03	1 351 13	3	12	36	536	328	108
1	1 351 04	1 351 14	4	12	48	766	328	108
1	1 371 06	1 371 16	1	18	18	236	436	107
1	1 371 07	1 371 17	2	18	36	386	436	108
1	1 371 08	1 371 18	3	18	54	616	436	108
1	1 371 09	1 371 19	4	18	72	766	436	108
1	1 371 05	1 371 15	1	22	22	236	508	107

Cabinets supplied with earth terminal blocks

	White door	Smoked Transparent door	Number of rows	Number of modules per row	Total number of modules	Height (mm)	Width (mm)	Depth (mm)
1	1 341 24	1 341 34	1	4	4	216	184	100
1	1 341 28	1 341 38	1	8	8	226	256	100
1	1 351 21	1 351 31	1	12	12	236	328	107
1	1 351 22	1 351 32	2	12	24	386	328	108
1	1 351 23	1 351 33	3	12	36	536	328	108
1	1 351 24	1 351 34	4	12	48	766	328	108
1	1 371 26	1 371 36	1	18	18	236	436	107
1	1 371 27	1 371 37	2	18	36	386	436	108
1	1 371 28	1 371 38	3	18	54	616	436	108
1	1 371 29	1 371 39	4	18	72	766	436	108
1	1 371 25	1 371 35	1	22	22	236	508	107

Cabinets supplied with earth and neutral terminal blocks

	White door	Smoked Transparent door	Number of rows	Number of modules per row	Total number of modules	Height (mm)	Width (mm)	Depth (mm)
1	1 342 04	1 342 14	1	4	4	216	184	100
1	1 342 08	1 342 18	1	8	8	226	256	100
1	1 352 01	1 352 11	1	12	12	236	328	107
1	1 352 02	1 352 12	2	12	24	386	328	108
1	1 352 03	1 352 13	3	12	36	536	328	108
1	1 352 04	1 352 14	4	12	48	766	328	108
1	1 372 06	1 372 16	1	18	18	236	436	107
1	1 372 07	1 372 17	2	18	36	386	436	108
1	1 372 08	1 372 18	3	18	54	616	436	108
1	1 372 09	1 372 19	4	18	72	766	436	108
1	1 372 05	1 372 15	1	22	22	236	508	107

Practibox S

flush-mounting cabinets for masonry from 4 to 72 modules

1 340 04

1 340 14

1 350 01

1 350 03

Technical characteristics **p. 315**

Allows to achieve assemblies conform to IEC 61439-3
IP40 IK07
Class II
Plastic material
Supplied with door
For brick and masonry walls
650° fireproof flush-mounting plastic boxes

Cabinets supplied without terminal blocks

Pack	Cat.Nos							
	White door	Smoked Transparent door	Number of rows	Number of modules per row	Total number of modules	Height (mm)	Width (mm)	Depth (mm)
1	1 340 04	1 340 14	1	4	4	215	184	100
1	1 340 08	1 340 18	1	8	8	225	256	100
1	1 350 01	1 350 11	1	12	12	235	328	102
1	1 350 02	1 350 12	2	12	24	385	328	103
1	1 350 03	1 350 13	3	12	36	535	328	103
1	1 350 04	1 350 14	4	12	48	765	328	103
1	1 370 06	1 370 16	1	18	18	235	436	102
1	1 370 07	1 370 17	2	18	36	385	436	103
1	1 370 08	1 370 18	3	18	54	615	436	103
1	1 370 09	1 370 19	4	18	72	765	436	103
1	1 370 05	1 370 15	1	22	22	235	508	102

Cabinets supplied with earth terminal blocks

	White door	Smoked Transparent door	Number of rows	Number of modules per row	Total number of modules	Height (mm)	Width (mm)	Depth (mm)
1	1 340 44	1 340 54	1	4	4	215	184	100
1	1 340 48	1 340 58	1	8	8	225	256	100
1	1 350 41	1 350 51	1	12	12	235	328	102
1	1 350 42	1 350 52	2	12	24	385	328	103
1	1 350 43	1 350 53	3	12	36	535	328	103
1	1 350 44	1 350 54	4	12	48	765	328	103
1	1 370 46	1 370 56	1	18	18	235	436	102
1	1 370 47	1 370 57	2	18	36	385	436	103
1	1 370 48	1 370 58	3	18	54	615	436	103
1	1 370 49	1 370 59	4	18	72	765	436	103
1	1 370 45	1 370 55	1	22	22	235	508	102

Cabinets supplied with earth and neutral terminal blocks

	White door	Smoked Transparent door	Number of rows	Number of modules per row	Total number of modules	Height (mm)	Width (mm)	Depth (mm)
1	1 341 44	1 341 54	1	4	4	215	184	100
1	1 341 48	1 341 58	1	8	8	225	256	100
1	1 351 41	1 351 51	1	12	12	235	328	102
1	1 351 42	1 351 52	2	12	24	385	328	103
1	1 351 43	1 351 53	3	12	36	535	328	103
1	1 351 44	1 351 54	4	12	48	765	328	103
1	1 371 46	1 371 56	1	18	18	235	436	102
1	1 371 47	1 371 57	2	18	36	385	436	103
1	1 371 48	1 371 58	3	18	54	615	436	103
1	1 371 49	1 371 59	4	18	72	765	436	103
1	1 371 45	1 371 55	1	22	22	235	508	102

Practibox S

flush-mounting cabinets for dry partitions from 4 to 72 modules

1 340 24

1 340 34

1 350 21

1 350 23

Technical characteristics **p. 315**

Allows to achieve assemblies conform to IEC 61439-3
IP40 IK07
Class II
Plastic material
Supplied with door
For dry partitions
850° fireproof flush-mounting plastic boxes

Cabinets supplied without terminal blocks

Pack	Cat.Nos							
	White door	Smoked Transparent door	Number of rows	Number of modules per row	Total number of modules	Height (mm)	Width (mm)	Depth (mm)
1	1 340 24	1 340 34	1	4	4	215	184	100
1	1 340 28	1 340 38	1	8	8	225	256	100
1	1 350 21	1 350 31	1	12	12	235	328	102
1	1 350 22	1 350 32	2	12	24	385	328	103
1	1 350 23	1 350 33	3	12	36	535	328	103
1	1 350 24	1 350 34	4	12	48	765	328	103
1	1 370 26	1 370 36	1	18	18	235	436	102
1	1 370 27	1 370 37	2	18	36	385	436	103
1	1 370 28	1 370 38	3	18	54	615	436	103
1	1 370 29	1 370 39	4	18	72	765	436	103
1	1 370 25	1 370 35	1	22	22	235	508	102

Cabinets supplied with earth terminal blocks

	White door	Smoked Transparent door	Number of rows	Number of modules per row	Total number of modules	Height (mm)	Width (mm)	Depth (mm)
1	1 340 64	1 340 74	1	4	4	215	184	100
1	1 340 68	1 340 78	1	8	8	225	256	100
1	1 350 61	1 350 71	1	12	12	235	328	102
1	1 350 62	1 350 72	2	12	24	385	328	103
1	1 350 63	1 350 73	3	12	36	535	328	103
1	1 350 64	1 350 74	4	12	48	765	328	103
1	1 370 66	1 370 76	1	18	18	235	436	102
1	1 370 67	1 370 77	2	18	36	385	436	103
1	1 370 68	1 370 78	3	18	54	615	436	103
1	1 370 69	1 370 79	4	18	72	765	436	103
1	1 370 65	1 370 75	1	22	22	235	508	102

Cabinets supplied with earth and neutral terminal blocks

	White door	Smoked Transparent door	Number of rows	Number of modules per row	Total number of modules	Height (mm)	Width (mm)	Depth (mm)
1	1 341 64	1 341 74	1	4	4	215	184	100
1	1 341 68	1 341 78	1	8	8	225	256	100
1	1 351 61	1 351 71	1	12	12	235	328	102
1	1 351 62	1 351 72	2	12	24	385	328	103
1	1 351 63	1 351 73	3	12	36	535	328	103
1	1 351 64	1 351 74	4	12	48	765	328	103
1	1 371 66	1 371 76	1	18	18	235	436	102
1	1 371 67	1 371 77	2	18	36	385	436	103
1	1 371 68	1 371 78	3	18	54	615	436	103
1	1 371 69	1 371 79	4	18	72	765	436	103
1	1 371 65	1 371 75	1	22	22	235	508	102

Practibox S

accessories

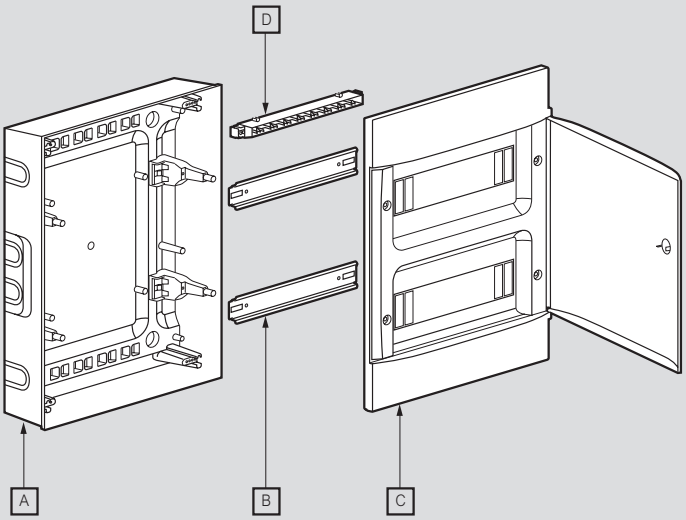
1 348 13

4 018 56

Pack	Cat.Nos	
		Earth terminal blocks
		Brass terminal block with isolated support Conform to IEC 60998-2-1/2-2
1	1 348 00	For 4 modules cabinets 1 x (2x16² + 2x10²); ICC : 6 kA
1	1 348 01	For 8 modules cabinets 1 x (3x16² + 3x10²); ICC : 6 kA
1	1 348 02	For 12 modules flush-mounting cabinets 1 x (12x16² + 12x10²); ICC : 6 kA
1	1 348 03	For 12 modules surface-mounting cabinets 1 x (12x16² + 12x10²); ICC : 6 kA
1	1 348 04	For 1 row 18 modules flush-mounting cabinets 1 x (1x25² + 12x16²); ICC : 10 kA
1	1 348 05	For 18 modules surface-mounting cabinets and 2 to 4 rows flush-mounting cabinets 1 x (1x25² + 26x16²); ICC : 10 kA
		Earth and neutral terminal block
		Brass terminal block with isolated support Conform to IEC 60998-2-1/2-2
1	1 348 10	For 4 modules cabinets 2 x (2x16² + 2x10²); ICC : 6 kA
1	1 348 11	For 8 modules cabinets 2 x (3x16² + 3x10²); ICC : 6 kA
1	1 348 12	For 12 modules flush-mounting cabinets 2 x (12x16² + 12x10²); ICC : 6 kA
1	1 348 13	For 12 modules surface-mounting cabinets 2 x (12x16² + 12x10²); ICC : 6 kA
1	1 348 14	For 1 row 18 modules flush-mounting cabinets 2 x (1x25² + 12x16²); ICC : 10 kA
1	1 348 15	For 18 modules surface-mounting cabinets and 2 to 4 rows flush-mounting cabinets 2 x (1x25² + 26x16²); ICC : 10 kA
1	1 348 16	For 22 modules cabinets 2 x (1x25² + 12x16²); ICC : 10 kA
		Accessories
1	1 341 00	Key lock Can be mounted on all sizes of flush and surface-mounting enclosures
1	1 341 02	Horizontal and vertical joining kit for flush-mounting enclosure
1	4 018 56	Set of 4 wall fixing lugs for XL³ 125 and Practibox S surface-mounting cabinets
		Blanking plates
		Separable per module or 1/2 module
20	0 016 60	5 modules
10	0 016 62	13 modules
10	0 016 64	18 modules

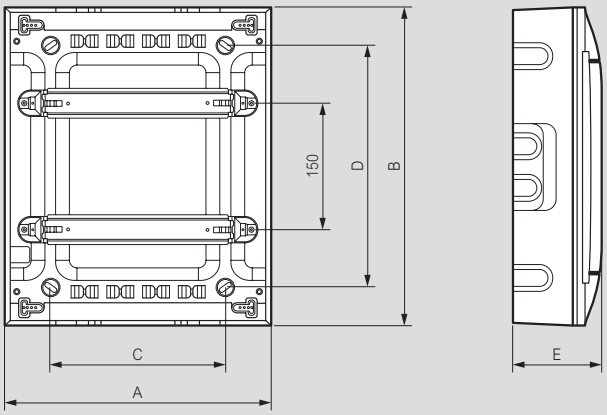
Practibox S Multimedia Network
p. 874

Composition of distribution cabinets from 4 to 72 modules



A: surface-mounting box
B: ⌙ rail
C: removable faceplate with white or transparent door
D: terminal blocks (depending on the cabinet version)

Dimensions



Cat.Nos	Dimensions (mm)				
	A	B	C	D	E
1 341 04/14/24/34 / 1 342 04/14	184	216	72	120	100
1 341 08/18/28/38 / 1 342 08/18	256	226	150	120	100
1 351 01/11/21/31 / 1 352 01/11	328	236	210	140	107
1 351 02/12/22/32 / 1 352 02/12	328	386	210	290	108
1 351 03/13/23/33 / 1 352 03/13	328	536	210	440	108
1 351 04/14/24/34 / 1 352 04/14	328	766	210	600	108
1 371 06/16/26/36 / 1 372 06/16	436	236	320	140	107
1 371 07/17/27/37 / 1 372 07/17	436	386	320	290	108
1 371 08/18/28/38 / 1 372 08/18	436	616	320	470	108
1 371 09/19/29/39 / 1 372 09/19	436	766	320	620	108
1 371 05/15/25/35 / 1 372 05/15	508	236	390	140	107

Number of blanking plates supplied per enclosure

Cat.Nos	Number of blanking plates 5 modules
1 341 04/14/24/34 / 1 342 04/14	-
1 341 08/18/28/38 / 1 342 08/18	-
1 351 01/11/21/31 / 1 352 01/11	-
1 351 02/12/22/32 / 1 352 02/12	1
1 351 03/13/23/33 / 1 352 03/13	1
1 351 04/14/24/34 / 1 352 04/14	1
1 371 06/16/26/36 / 1 372 06/16	1
1 371 07/17/27/37 / 1 372 07/17	1
1 371 08/18/28/38 / 1 372 08/18	2
1 371 09/19/29/39 / 1 372 09/19	2
1 371 05/15/25/35 / 1 372 05/15	1

Number of connections per earth terminal block (supplied with enclosure)

Cat.Nos	Earth terminal blocks Screw connection		
	6 - 25 mm²	1.5 - 16 mm²	1.5 - 10 mm²
1 341 24/34	-	2	2
1 341 28/38	-	3	3
1 351 21/31	-	5	5
1 351 22/32	-	8	8
1 351 23/33	-	12	12
1 351 24/34	-	16	16
1 371 25/35	-	8	8
1 371 26/36	1	12	-
1 371 27/37	1	21	-
1 371 28/38	1	34	-
1 371 29/39	1	34	-

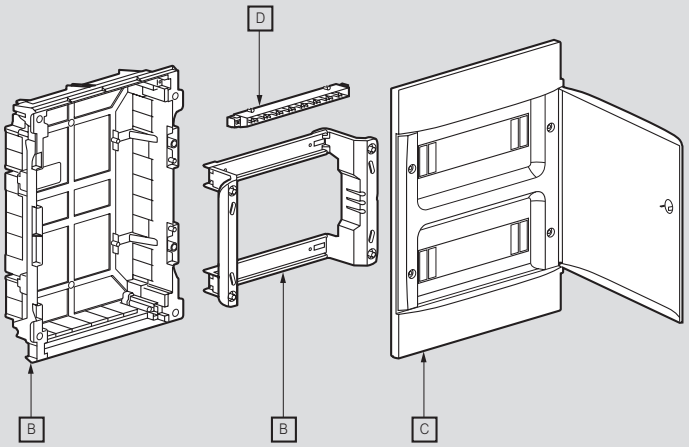
Number of connections per neutral and earth terminal block (supplied with enclosure)

Cat.Nos	Neutral terminal blocks Screw connection			Earth terminal blocks Screw connection		
	6 - 25 mm²	1.5 - 16 mm²	1.5 - 10 mm²	6 - 25 mm²	1.5 - 16 mm²	1.5 - 10 mm²
1 342 04/14	-	2	2	-	2	2
1 342 08/18	-	3	3	-	3	3
1 352 01/11	-	5	5	-	5	5
1 352 02/12	-	8	8	-	8	8
1 352 03/13	-	12	12	-	12	12
1 352 04/14	-	16	16	-	16	16
1 372 05/15	-	8	8	-	8	8
1 372 06/16	1	12	-	1	12	-
1 372 07/17	1	21	-	1	21	-
1 372 08/18	1	34	-	1	34	-
1 372 09/19	1	34	-	1	34	-

Practibox S

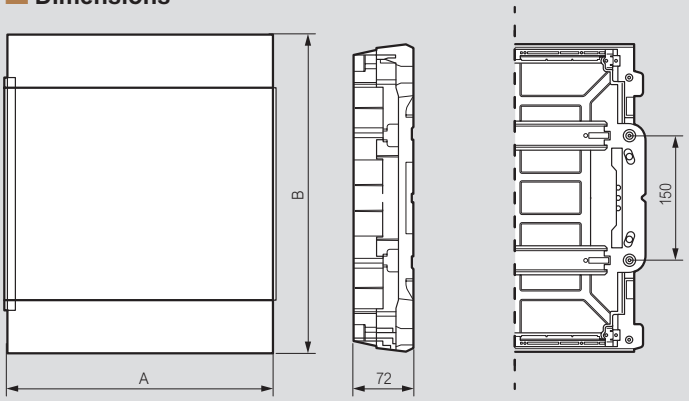
flush-mounting cabinets for masonry and dry partitions - technical characteristics

Composition of distribution cabinets from 4 to 72 modules

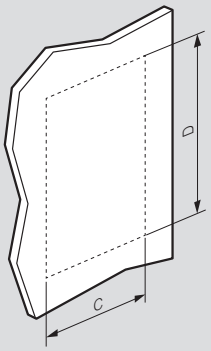


A: flush-mounting box for masonry or dry partitions
B: removable chassis with leveling system
C: removable faceplate with white or transparent door
D: terminal blocks (depending on the cabinet version)

Dimensions



Réf.	Dimensions (mm)			
	A	B	C	D
Cabinets for masonry				
1 340 04/14/44/54 / 1 341 44/54	184	215	166	215
1 340 08/18/48/58 / 1 341 48/58	256	225	238	225
1 350 01/11/41/51 / 1 351 41/51	328	235	310	235
1 350 02/12/42/52 / 1 351 42/52	328	385	310	385
1 350 03/13/43/53 / 1 351 43/53	328	535	310	535
1 350 04/14/44/54 / 1 351 44/54	328	765	310	685
1 370 06/16/46/56 / 1 371 46/56	436	235	418	235
1 370 07/17/47/57 / 1 371 47/57	436	385	418	385
1 370 08/18/48/58 / 1 371 48/58	436	615	418	535
1 370 09/19/49/59 / 1 371 49/59	436	765	418	685
1 370 05/15/45/55 / 1 371 45/55	508	235	490	235
Cabinets for dry partitions				
1 340 24/34/64/74 / 1 341 64/74	184	215	146	205
1 340 28/38/68/78 / 1 341 68/78	256	225	218	215
1 350 21/31/61/71 / 1 351 61/71	328	235	290	225
1 350 22/32/62/72 / 1 351 62/72	328	385	290	375
1 350 23/43/63/73 / 1 351 63/73	328	535	290	525
1 350 24/34/64/74 / 1 351 64/74	328	765	290	675
1 370 26/36/66/76 / 1 371 66/76	436	235	398	225
1 370 27/37/67/77 / 1 371 67/77	436	385	398	375
1 370 28/38/68/78 / 1 371 68/78	436	615	398	525
1 370 29/39/69/79 / 1 371 69/79	436	765	398	675
1 370 25/35/65/75 / 1 371 65/75	508	235	470	225



Cutting dimensions

Number of blanking plates supplied per enclosure

Cat.Nos	Number of blanking plates 5 modules
1 340 04/14/24/34/44/54/64/74	-
1 340 08/18/28/38/48/58/68/78	-
1 341 44/54/64/74	-
1 341 48/5868/78	-
1 350 01/11/21/31/41/51/61/71	-
1 350 02/12/22/32/42/52/62/72	1
1 350 03/13/23/33/43/53/63/73	1
1 350 04/14/24/34/44/54/64/74	1
1 351 41/51/61/71	-
1 351 42/52/62/72	1
1 351 43/53/63/73	1
1 351 44/54/64/74	1
1 370 05/15/25/35/45/55/65/75	1
1 370 06/16/26/36/46/56/66/76	1
1 370 07/17/27/37/47/57/67/77	1
1 370 08/18/28/38/48/58/68/78	2
1 370 09/19/29/39/49/59/69/79	2
1 371 46/56/66/76	1
1 371 47/57/67/77	1
1 371 48/58/68/78	2
1 371 49/59/69/79	2

Number of connections per earth terminal block (supplied with enclosure)

Cat.Nos	Earth terminal blocks Screw connection		
	6 - 25 mm²	1.5 - 16 mm²	1.5 - 10 mm²
1 340 44/54/64/74	-	2	2
1 340 48/58/68/78	-	3	3
1 350 41/51/61/71	-	5	5
1 350 42/52/62/72	-	8	8
1 350 43/53/63/73	-	12	12
1 350 44/54/64/74	-	16	16
1 370 45/55/65/75	-	8	8
1 370 46/56/66/76	1	12	-
1 370 47/57/67/77	1	21	-
1 370 48/58/68/78	1	34	-
1 370 49/59/69/79	1	34	-

Number of connections per neutral and earth terminal block (supplied with enclosure)

Cat.Nos	Neutral terminal blocks Screw connection			Earth terminal blocks Screw connection		
	6 - 25 mm²	1.5 - 16 mm²	1.5 - 10 mm²	6 - 25 mm²	1.5 - 16 mm²	1.5 - 10 mm²
1 341 44/54/64/74	-	2	2	-	2	2
1 341 48/58/68/78	-	3	3	-	3	3
1 351 41/51/61/71	-	5	5	-	5	5
1 351 42/52/62/72	-	8	8	-	8	8
1 351 43/53/63/73	-	12	12	-	12	12
1 351 44/54/64/74	-	16	16	-	16	16
1 371 45/55/65/75	1	16	-	1	16	-
1 371 46/56/66/76	1	12	-	1	12	-
1 371 47/57/67/77	1	21	-	1	21	-
1 371 48/58/68/78	1	34	-	1	34	-
1 371 49/59/69/79	1	34	-	1	34	-

Flush-mounting cabinets Practibox³

from 8 to 72 modules

4 017 09 4 017 08 4 017 07 4 017 06

4 017 19 4 017 18 4 017 17 4 017 16

0 019 66

Technical characteristics **p. 317**

Class II
IP 40 - IK 07 with door
Self-extinguishing: resistance to incandescent wire 850 °C
Conform to IEC 60670-24 and IEC 62208 : allows to achieve assemblies conform to IEC 61439-3

Flush-mounting distribution cabinets

Box for masonry or dry partitions (with dry partitions kit Cat.No 4 017 24)
Supplied with:
- removable chassis with ⊔ rails fitted
- reversible door (door + faceplate for 1-row cabinets)
- removable faceplates for each row (for 2, 3 and 4-row cabinets)
- IP 2X screw terminal blocks
- blanking plates (5 modules, separable per module or 1/2 module, for 2, 3 and 4-row cabinets)

Spacing between rails 150 mm
Door opening : 180°
Can be equipped with lock and key n° 850 Cat.No 0 019 66

Pack	Cat.Nos		Flush-mounting box				
	With earth terminal blocks	With earth and neutral terminal blocks	Number of rows	Number of modules	Height (mm)	Width (mm)	Depth (mm)
8/12 modules per row with transparent door							
1	4 017 01	4 017 51	1	8	186	232	80
1	4 017 02	4 017 52	1	12	222	304	80
1	4 017 03	4 017 53	2	24	372	304	85
1	4 017 04	4 017 54	3	36	522	304	85
8/12 modules per row with white door RAL 9003							
1	4 017 11	4 017 61	1	8	186	232	80
1	4 017 12	4 017 62	1	12	222	304	80
1	4 017 13	4 017 63	2	24	372	304	85
1	4 017 14	4 017 64	3	36	522	304	85
18 modules per row with transparent door							
1	4 017 06	4 017 56	1	18	248	436	85
1	4 017 07	4 017 57	2	36	456	436	85
1	4 017 08	4 017 58	3	54	606	436	91
1	4 017 09	4 017 59	4	72	756	436	91
18 modules per row with white door RAL 9003							
1	4 017 16	4 017 66	1	18	248	436	85
1	4 017 17	4 017 67	2	36	456	436	85
1	4 017 18	4 017 68	3	54	606	436	91
1	4 017 19	4 017 69	4	72	756	436	91

Accessories

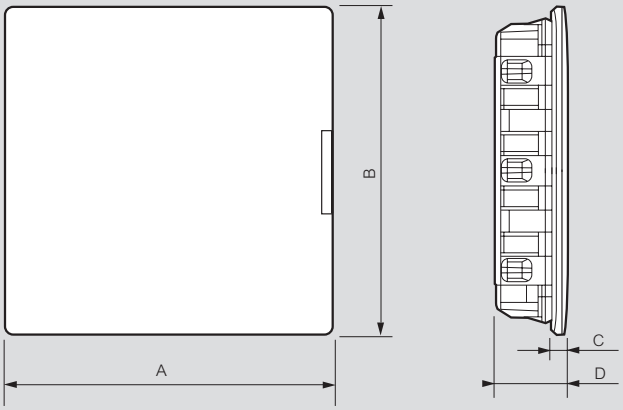
Pack	Cat.Nos	
		Horizontal or vertical joining kit
1	4 017 23	For joining 2 cabinets when installed in masonry
		Flush-mounting kit for dry partitions
1	4 017 24	For installation of Practibox³ cabinets in dry partitions
		Horizontal partition for 18 modules per row cabinets
1	4 017 22	For 2, 3 or 4-rows cabinets
		Plain faceplate for 18 modules per row cabinets
1	4 017 25	For 2, 3 or 4-rows cabinets Allow fitting of non-modular equipments such as control and signalling units
		Perforated plates for 18 modules per row cabinets
		To be used instead of the one ⊔ rail when integrating non-modular products
1	4 017 26	For 2, 3 or 4-rows cabinets Height 150 mm
		12x2 flat bar for IP 2X terminal blocks for 18 modules per row cabinets
1	4 017 27	For 2, 3 or 4-rows cabinets Allow fitting of additional IP 2X terminal blocks
		Key lock
1	0 019 66	To be fitted on white or transparent doors, starting from 3 rows of 12 modules cabinets Supplied with key n° 850
		Blanking plates White RAL 9003 Separable per module or 1/2 module
20	0 016 60	5 modules
10	0 016 62	13 modules
10	0 016 64	18 modules

Download Practibox³ brochure on **www.export.legrand.com**

Flush-mounting cabinets Practibox³

from 18 to 72 modules

Dimensions



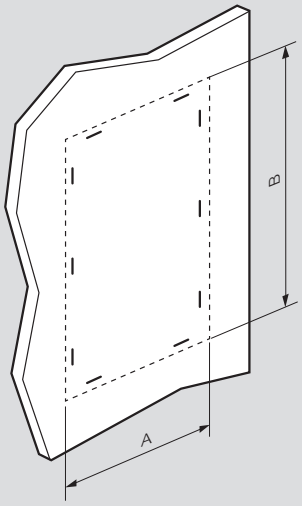
Cat.Nos	Dimensions (mm)			
	A	B	C	D
4 017 01/11/51/61	286	208	20	100
4 017 02/12/52/62	359	246	20	100
4 017 03/13/53/63	359	396	20	105
4 017 04/14/54/64	359	546	20	105
4 017 06/16/56/66	493	288	20	105
4 017 07/17/57/67	493	496	20	105
4 017 08/18/58/68	493	650	20	111
4 017 09/19/59/69	493	800	20	111

Number of connections per neutral and earth terminal block (supplied with enclosure)

Enclosure Cat.Nos	Neutral terminal blocks Screw connection		Earth terminal blocks Screw connection	
	1.5 - 16 mm²	6 - 25 mm²	1.5 - 16 mm²	6 - 25 mm²
4 017 01/11	-	-	8	-
4 017 02/12	-	-	12	1
4 017 03/13	-	-	16	1
4 017 04/14	-	-	21	1
4 017 06/16	-	-	12	1
4 017 07/17	-	-	16	1
4 017 08/18	-	-	21	1
4 017 09/19	-	-	33	2
4 017 51/61	8	-	8	-
4 017 52/62	8	-	12	1
4 017 53/63	2 x 8	-	16	1
4 017 54/64	3 x 8	-	21	1
4 017 56/66	12	1	12	1
4 017 57/67	2 x 8	-	16	1
4 017 58/68	3 x 8	-	21	1
4 017 59/69	4 x 8	-	33	2

Wall cutting when installing the boxes in dry partitions or masonry

For dry partitions use the flush-mounting kit Cat.No 4 017 24



Cat.Nos	Dimensions for dry partitions (mm)		Dimensions for masonry (mm)	
	A	B	A	B
4 017 01/11/51/61	233	187	> 233	> 187
4 017 02/12/52/62	305	223	> 305	> 223
4 017 03/13/53/63	305	373	> 305	> 373
4 017 04/14/54/64	305	523	> 305	> 523
4 017 06/16/56/66	437	249	> 437	> 249
4 017 07/17/57/67	437	454	> 437	> 454
4 017 08/18/58/68	437	607	> 437	> 607
4 017 09/19/59/69	437	757	> 437	> 757

Number of blanking plates supplied per enclosure

Enclosure Cat.Nos	Number of blanking plates 5 modules
4 017 01/11/51/61	-
4 017 02/12/52/62	1
4 017 03/13/53/63	1
4 017 04/14/54/64	2
4 017 06/16/56/66	1
4 017 07/17/57/67	2
4 017 08/18/58/68	2
4 017 09/19/59/69	2

Surface-mounting cabinets XL³ 125

from 18 to 72 modules

4 016 79 4 016 78 4 016 77 4 016 76

4 016 79 + 4 018 64

4 016 77 + 4 018 72

4 018 56

4 018 44

4 018 51

Technical characteristics **p. 319**

IP 40 - IK 09 with door
IP 30 - IK 08 without door
Class II
Self-extinguishing: resistance to incandescent wire 650 °C
Conform to IEC 60670-24
Allows to achieve assemblies conform to IEC 61439-3

Surface-mounting distribution cabinets

Capacity 18 modules per row
White RAL 9003
Fully reversible cabinet (base, door and faceplates)
Supplied with:
- removable and pivoting chassis with ⊔ rails fitted. Rails can be individually removed for easy cabling on site
- removable cable entry plate (top and bottom)
- removable faceplates (for each row)
- IP 2X screw terminal blocks for neutral and earth
- blanking plates (5 modules, separable per module or 1/2 module)
- 1 sheet of self-adhesive labels for circuit identification (marking per module)

Spacing between rails 150 mm
Adjustable ⊔ rail (2-position) for fitting modular equipment or DPX³ 160 moulded case circuit breakers
Can be fitted with perforated plates and solid faceplates for mounting non-modular products (2, 3 to 4-row cabinets)
Doors to be ordered separately

Pack	Cat.Nos	Number of rows	Number of modules	Height (mm)	Width (mm)	Depth (mm)
1	4 016 76	1	18	300	450	128
1	4 016 77	2	36	450	450	128
1	4 016 78	3	54	600	450	128
1	4 016 79	4	72	750	450	128

Doors - IP 40 - IK 09

For XL³ 125 distribution cabinets
Fully reversible
Can be equipped with lock and key n° 850
Cat.No 4018 51

Pack	Cat.Nos	
		White RAL 9003
1	4 018 61	For distribution cabinet Cat.No 4 016 76
1	4 018 62	For distribution cabinet Cat.No 4 016 77
1	4 018 63	For distribution cabinet Cat.No 4 016 78
1	4 018 64	For distribution cabinet Cat.No 4 016 79
		Transparent
1	4 018 71	For distribution cabinet Cat.No 4 016 76
1	4 018 72	For distribution cabinet Cat.No 4 016 77
1	4 018 73	For distribution cabinet Cat.No 4 016 78
1	4 018 74	For distribution cabinet Cat.No 4 016 79

Accessories

Pack	Cat.Nos	
		Key lock
2	4 018 51	To be fitted on white or transparent doors Supplied with key N° 850
		Horizontal or vertical joining kit
2	4 018 45	For joining 2 cabinets
		Fixing lugs
1	4 018 56	Set of 4 wall fixing lugs for XL³ 125 and Practibox S surface-mounting cabinets
		Document holder
2	4 018 44	Self-adhesive document holder for plans To be fitted on the cabinet
		Blanking plates
20	0 016 60	Separable per module or 1/2 module 5 modules - white RAL 9003
		Plain faceplates
2	4 018 55	For 2, 3 or 4-rows cabinets Allow fitting of non-modular equipments such as control and signalling units
		Perforated plates
2	4 018 53	To be used instead of the one ⊔ rail when integrating non-modular products For 18 modules cabinets. Height 150 mm
		Fixing accessory for Mosaic wiring devices
5	4 018 50	For fixing 2-module mechanisms on the side of the cabinet
		Fixing supports for terminal block
1	4 018 57	Set of 2 supports for installing terminal blocks or additional empty supports
		Empty supports
5	4 048 21	Empty support with 50 holes (length 385 mm) Takes unprotected screw terminal blocks
		IP 2X automatic connection terminal block
1	0 050 54	Conforms to standard IEC 60998-2-1/2-2 Takes flexible and rigid wires Disconnect using a flat screwdriver (3.5 mm) 5 x 6 to 25 mm² screw terminals + 5 x 6 to 35 mm² screw terminals + 45 x 1.5 to 4 mm² automatic terminals Length: 385 mm

Surface-mounting cabinets XL³ 125

from 18 to 72 modules

Number of connections per neutral and earth terminal block (supplied with enclosure)

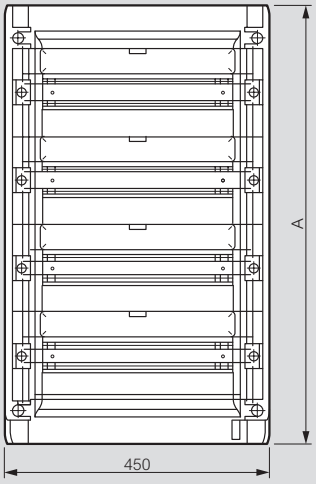
Enclosure Cat.Nos	Neutral terminal blocks Screw connection		Earth terminal blocks Screw connection	
	6 - 25 mm²	1.5 - 16 mm²	6 - 25 mm²	1.5 - 16 mm²
4 016 76	1	17	1	17
4 016 77	1	21	1	21
4 016 78	1	26	1	26
4 016 79	1	34	1	34

Number of blanking plates supplied per enclosure

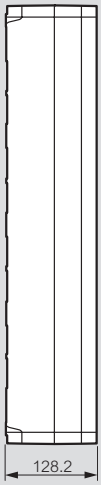
Enclosure Cat.Nos	Number of blanking plates 5 modules
4 016 76	1
4 016 77	2
4 016 78	3
4 016 79	3

Dimensions

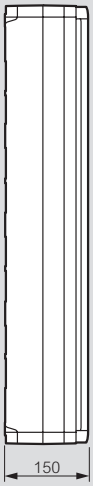
Front view



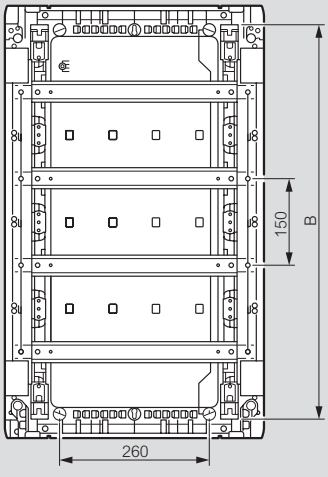
Side view without door



Side view with door



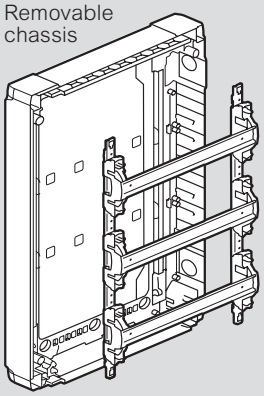
Fixing centres and distance between rails



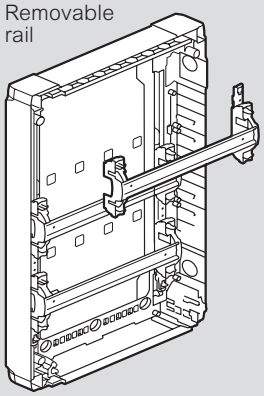
Enclosure Cat.Nos	A (mm)	B (mm)
4 016 76	300	250
4 016 77	450	365
4 016 78	600	515
4 016 79	750	665

Removable and pivoting chassis

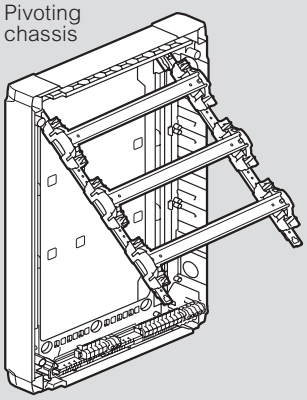
Removable chassis



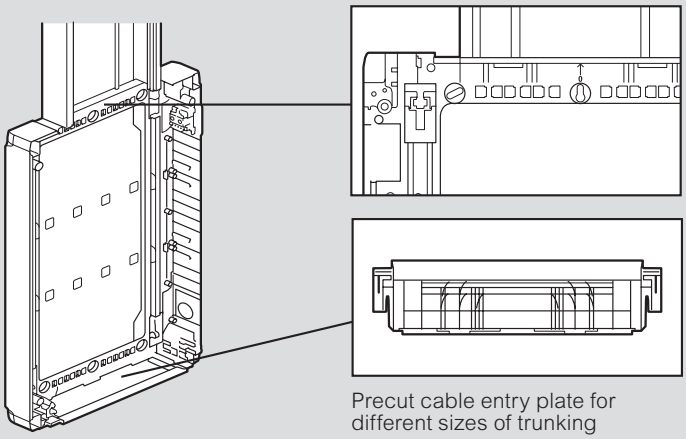
Removable rail



Pivoting chassis



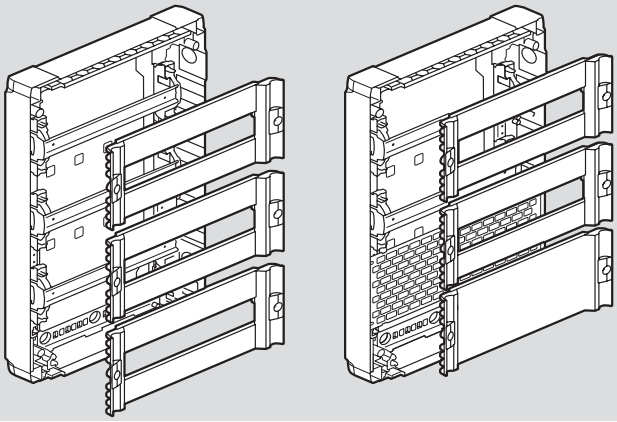
Removable cable entry plate



Precut cable entry plate for different sizes of trunking

Removable faceplate

Cabinet with rails, perforated plate, faceplates for DIN-rail equipment and plain faceplate



XL³ S DISTRIBUTION ENCLOSURES

Strength & simplicity

XL³ S range has been designed to make panels builder's work easier. The strength, rigidity and reliability of XL³ S factory-assembled enclosures, along with the numerous time-saving accessories are the major benefits of this range.

3 sizes of metal enclosures
to fit as close as possible
to the needs of your projects
from 160 A to 4000 A: residential buildings, offices, shopping malls, hotels...

XL³ S 160

Ready to use cabinets up to 160 A

See p. 322 to 325

- IP 30 without door / IP 40 with door
- 24 or 36 modules per row
- Surface or flush-mounting
- Supplied complete with rails and faceplates
- Metal or glass doors to be ordered separately
- Can take: DIN rail equipment, DRX 125 and DPX³ 160 MCCBs

XL³ S 630

Distribution enclosures up to 630 A

See p. 326 to 343

- IP 30 without door / IP 40 with door
- 16, 24 or 36 modules per row
- Height: from 824 mm to 2324 mm
- Equipped with functional uprights and supplied with fixing supports for faceplates
- Metal or glass doors and side panels to be ordered separately
- Take protection devices up to 630 A

XL³ S 4000

Distribution enclosures up to 4000 A

See p. 344 to 375

- IP 30 without door / IP 40 with door
- 16, 24 or 36 modules per row
- Corner enclosures
- Height: 2000 mm or 2200 mm
- Metal or glass doors, side or rear panels, supports for faceplates and functional uprights, to be ordered separately
- Take protection devices up to 4000 A

XL³ DO enclosures

XL³ DO enclosures provide excellent continuity of service, impeccable safety and total flexibility thanks to the choice of customised configurations and a drawer system.

Configurable draw-out enclosures - available on request.

XL³ S 160 - 24 modules per row

“ready to use” metal distribution cabinets

3 372 04

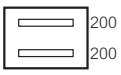
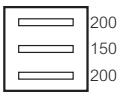
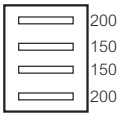
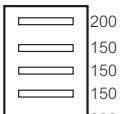
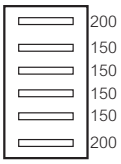
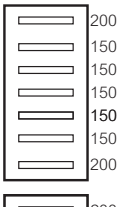
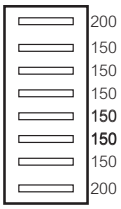
3 372 24

Technical characteristics **p. 325**

Cabinets supplied with ⊔ rails fitted (150 mm fixing centres) and full height faceplates
Doors and terminal blocks to be ordered separately
Take DPX³ 160 and modular protection devices
Used to create assemblies certified IEC 61439-2 and -3
IP 40 with door
IP 30 without door
Cut-outs in top and bottom for feeding cables through
Can take Lina 25 ducting

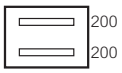
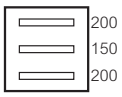
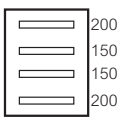
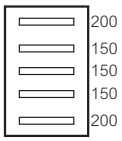
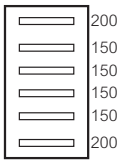
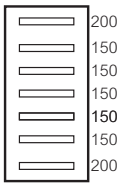
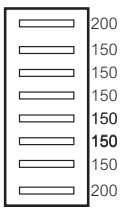
Surface-mounting 24-module cabinets

Faceplates and body: RAL 9003

Pack	Cat.Nos	No. of rows	No. of modules	Height (mm)	Width (mm)	Depth (mm)	
1	3 372 02	2	48	440	595	135	
1	3 372 03	3	72	590	595	135	
1	3 372 04	4	96	740	595	135	
1	3 372 05	5	120	890	595	135	
1	3 372 06	6	144	1040	595	135	
1	3 372 07	7	168	1190	595	135	
1	3 372 08	8	192	1340	595	135	

Flush-mounting 24-module cabinets

Supplied with fixing lugs
Faceplates: RAL 9003

Pack	Cat.Nos	No. of rows	No. of modules	Height (mm)	Width (mm)	Depth (mm)	
1	3 372 22	2	48	512	667	138	
1	3 372 23	3	72	662	667	138	
1	3 372 24	4	96	812	667	138	
1	3 372 25	5	120	962	667	138	
1	3 372 26	6	144	1112	667	138	
1	3 372 27	7	168	1262	667	138	
1	3 372 28	8	192	1412	667	138	

XL³ S 160 - 36 modules per row

“ready to use” metal distribution cabinets

3 372 14

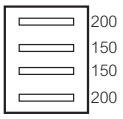
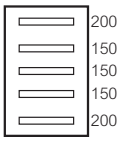
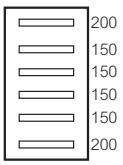
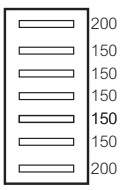
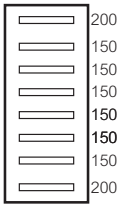
3 372 34

Technical characteristics **p. 325**

Cabinets supplied with ⊥⌐ rails fitted (150 mm fixing centres) and full height faceplates
Doors and terminal blocks to be ordered separately
Take DPX³ 160 and modular protection devices
Used to create assemblies certified IEC 61439-2 and -3
IP 40 with door
IP 30 without door
Cut-outs in top and bottom for feeding cables through
Can take Lina 25 ducting

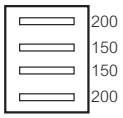
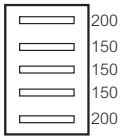
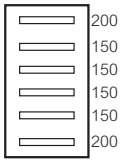
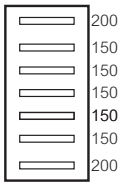
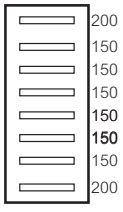
Surface-mounting 36-module cabinets

Faceplates and body: RAL 9003

Pack	Cat.Nos	No. of rows	No. of modules	Height (mm)	Width (mm)	Depth (mm)	
1	3 372 14	4	144	740	810	135	
1	3 372 15	5	180	890	810	135	
1	3 372 16	6	216	1040	810	135	
1	3 372 17	7	252	1190	810	135	
1	3 372 18	8	288	1340	810	135	

Flush-mounting 36-module cabinets

Supplied with fixing lugs
Faceplates: RAL 9003

Pack	Cat.Nos	No. of rows	No. of modules	Height (mm)	Width (mm)	Depth (mm)	
1	3 372 34	4	144	812	883	138	
1	3 372 35	5	180	962	883	138	
1	3 372 36	6	216	1112	883	138	
1	3 372 37	7	252	1262	883	138	
1	3 372 38	8	288	1412	883	138	

XL³ S 160

equipment and accessories

3 372 54

3 372 64

3 372 74

3 372 84

0 203 99

Pack	Cat.Nos	Metal doors
		Supplied with handle Cat.No 3 397 10
		For cabinets with 24 modules per row
		For cabinet (no. of modules)
1	3 372 52	2 × 24
1	3 372 53	3 × 24
1	3 372 54	4 × 24
1	3 372 55	5 × 24
1	3 372 56	6 × 24
1	3 372 57	7 × 24
1	3 372 58	8 × 24
		For cabinets with 36 modules per row
1	3 372 64	4 × 36
1	3 372 65	5 × 36
1	3 372 66	6 × 36
1	3 372 67	7 × 36
1	3 372 68	8 × 36

		Glass doors
		For cabinets with 24 modules per row
		For cabinet (no. of modules)
1	3 372 72	2 × 24
1	3 372 73	3 × 24
1	3 372 74	4 × 24
1	3 372 75	5 × 24
1	3 372 76	6 × 24
1	3 372 77	7 × 24
1	3 372 78	8 × 24
		For cabinets with 36 modules per row
1	3 372 84	4 × 36
1	3 372 85	5 × 36
1	3 372 86	6 × 36
1	3 372 87	7 × 36
1	3 372 88	8 × 36

		Replacement handle for doors
1	3 397 10	Handle for XL³ S 160 door
1	3 397 15	Locking handle no. 405 Supplied with a set of 2 keys

		Accessories
1	3 374 04	**Joining kit** For connecting two surface-mounting XL³ S 160 cabinets vertically
1	3 374 00	**Wall mounting lugs** Set of 4 lugs for wall mounting
1	3 374 06	**Fixing kit for hollow partition** Kit for fixing XL³ S 160 flush-mounting cabinets in hollow partitions
1	3 374 05	**Fixing support for ducting** Set of 2 supports

		Fixing plate and faceplate for DPX³ 160
1	3 374 10	For XL³ S 160 cabinets with 24 modules per row
1	3 374 11	For XL³ S 160 cabinets with 36 modules per row

Pack	Cat.Nos	Rail position adjustment kit for DPX³ 160
1	3 374 07	For positioning the ⊔ rail at the correct height to take DPX³ 160 MCCBs For XL³ S 160 cabinets with 24 and 36 modules per row

		Self-adhesive document holders for plans
		Open - RAL 7035

		External dimensions		Internal dimensions		
		Height (mm)	Width (mm)	Height (mm)	Width (mm)	Depth (mm)
20	0 365 80	235	340	200	310	18
20	0 365 81	165	260	130	230	18

		Closed - RAL 7035
1	0 365 82	Rigid, plastic, IP 50 Internal dimensions: 324 x 120 x 18 mm
		Transparent
10	0 097 99	Soft plastic, A4 - 305 x 220 mm

		Rail height spacer
1	3 382 40	Used to combine modular devices and DPX³ 160/250 on the same row
1	3 382 41	Used to combine modular devices and DRX on the same rail
1	3 382 42	Used to combine DRX and DPX³ 160/250 on the same rail

		White RAL 9003 blanking plates
20	0 016 60	5 modules. Separable into modules or half-modules
20	3 397 54	24 modules, untapped blanking panel which can be cut as required

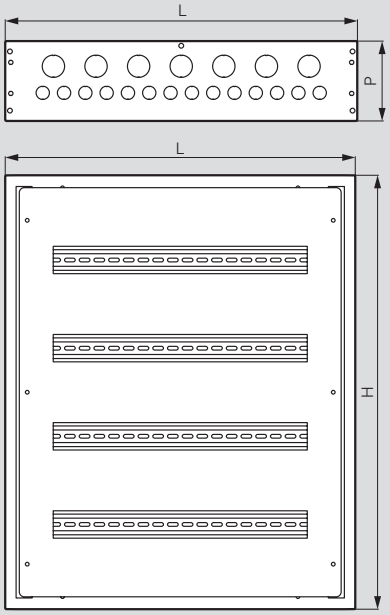
		Clip-on holders for self-adhesive labels
		Supplied with sheet of labels for marking rows on faceplate
10	3 397 55	24 modules
10	3 397 56	36 modules

		Connection of protective conductors
		Additional brass bar For protective conductor. Fits using the lugs supplied with the cabinets
1	0 373 00	For 24-module width enclosure
1	3 397 57	For 36-module width enclosure
		Equipotential link conductor
1	3 397 53	Length 350 mm. Cross-section 6 mm²

XL³ S 160

technical characteristics

Dimensions of surface-mounting cabinets



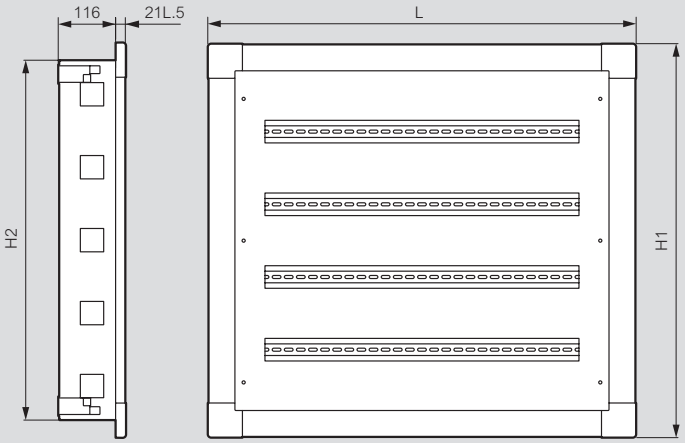
24-module cabinets

Cat.Nos	H (mm)	W (mm)	D (mm)
3 372 02	440	595	135
3 372 03	590	595	135
3 372 04	740	595	135
3 372 05	890	595	135
3 372 06	1040	595	135
3 372 07	1190	595	135
3 372 08	1340	595	135

36-module cabinets

Cat.Nos	H (mm)	W (mm)	D (mm)
3 372 14	740	810	135
3 372 15	890	810	135
3 372 16	1040	810	135
3 372 17	1190	810	135
3 372 18	1340	810	135

Dimensions of flush-mounting cabinets



24-module cabinets

Cat.Nos	H1 (mm)	H2 (mm)	W (mm)
3 372 22	512	440	667
3 372 23	662	590	667
3 372 24	812	740	667
3 372 25	962	890	667
3 372 26	1112	1040	667
3 372 27	1262	1190	667
3 372 28	1412	1340	667

36-module cabinets

Cat.Nos	H1 (mm)	H2 (mm)	W (mm)
3 372 34	812	740	883
3 372 35	962	890	883
3 372 36	1112	1040	883
3 372 37	1262	1190	883
3 372 38	1412	1340	883

XL³ S 630

selection chart

DEVICE	ENCLOSURE	POSITION	CONFIGURATION		FIXING DEVICES			FACEPLATES	
					RAIL	PLATE	BRACKETS	HEIGHT (mm)	
	FIXING ON RAIL				FIXING ON RAIL				
MCBs	16 modules wide	Vertical	-		3 382 20[1]/3 382 21[2]	-	-	150	3 382 51
	24 modules wide	Vertical	-		3 382 23[1]/3 382 24[2]	-	-	150	3 382 52
	36 modules wide	Vertical	-		3 382 26[1]/3 382 27[2]	-	-	150	3 382 53
DPX³ 160	16 modules wide	Vertical	Without side motor-driven handle		3 382 20 + 4 210 71	-	-	300	3 382 71
		Vertical	With e.l.c.b without side motor-driven handle		3 382 20 + 4 210 73	-	-	300	3 382 71
		Vertical	With side motor-driven handle		3 382 20 + 4 210 68	-	-	300	3 382 71
	24 modules wide	Vertical	Without side motor-driven handle		3 382 23 + 4 210 71	-	-	300	3 382 72
		Vertical	With e.l.c.b without side motor-driven handle		3 382 23 + 4 210 73	-	-	300	3 382 72
		Vertical	With side motor-driven handle		3 382 23 + 4 210 68	-	-	300	3 382 72
	36 modules wide	Vertical	Without side motor-driven handle		3 382 26 + 4 210 71	-	-	300	3 382 73
		Vertical	With e.l.c.b without side motor-driven handle		3 382 26 + 4 210 73	-	-	300	3 382 73
		Vertical	With side motor-driven handle		3 382 26 + 4 210 68	-	-	300	3 382 73
DPX³ 250	16 modules wide	Vertical	Without side motor-driven handle		3 382 20 + 4 210 72	-	-	300	3 382 71
		Vertical	With e.l.c.b without side motor-driven handle		3 382 20 + 4 210 74	-	-	300	3 382 71
		Vertical	With side motor-driven handle		3 382 20 + 4 210 69	-	-	300	3 382 71
		Vertical	With e.l.c.b and terminal shield		3 382 20 + 4 210 74	-	-	400	3 382 81
	24 modules wide	Vertical	Without side motor-driven handle		3 382 23 + 4 210 72	-	-	300	3 382 72
		Vertical	With e.l.c.b without side motor-driven handle		3 382 23 + 4 210 74	-	-	300	3 382 72
		Vertical	With side motor-driven handle		3 382 23 + 4 210 69	-	-	300	3 382 72
		Vertical	With e.l.c.b and terminal shield		3 382 23 + 4 210 74	-	-	400	3 382 82
	36 modules wide	Vertical	Without side motor-driven handle		3 382 26 + 4 210 72	-	-	300	3 382 73
		Vertical	With e.l.c.b without side motor-driven handle		3 382 26 + 4 210 74	-	-	300	3 382 73
		Vertical	With side motor-driven handle		3 382 26 + 4 210 69	-	-	300	3 382 73
		Vertical	With e.l.c.b and terminal shield		3 382 26 + 4 210 74	-	-	400	3 382 83
DRX 125 HP	FIXING ON PLATE				FIXING ON PLATE				
	16 modules wide	Horizontal	3P		-	3 385 00	-	100	3 383 50
			4P		-	3 385 01	-	150	3 383 51
	24 modules wide	Horizontal	3P		-	3 385 03	-	100	3 383 53
			4P		-	3 385 04	-	150	3 383 54
	36 modules wide	Horizontal	3P		-	3 385 06	-	100	3 383 56
			4P		-	3 385 07	-	150	3 383 57
	16 modules wide	Vertical	3P/4P		-	3 385 21	-	200	3 382 61
	24 modules wide	Vertical	3P		-	3 385 23	-	200	3 382 62
			4P		-	3 385 24	-	200	3 382 62
	36 modules wide	Vertical	3P		-	3 385 26	-	200	3 382 63
			4P		-	3 385 27	-	200	3 382 63
DPX³ 160	16 modules wide	Horizontal	3P		-	3 383 00	-	100	3 383 50
			3P or 4P with or without e.l.c.b		-	3 383 01	-	150	3 383 51
	24 modules wide	Horizontal	3P		-	3 383 03	-	100	3 383 53
			3P or 4P with or without e.l.c.b		-	3 383 04	-	150	3 383 54
	36 modules wide	Horizontal	3P		-	3 383 06	-	100	3 383 56
			3P or 4P with or without e.l.c.b		-	3 383 07	-	150	3 383 57
	16 modules wide	Vertical	3P or 4P		-	3 383 20	-	300	3 382 71
			4P with e.l.c.b		-	3 383 21	-	300	3 382 71
			3P/4P with rotary handle		-	3 383 80	-	300	3 383 83
	24 modules wide	Vertical	3P		-	3 383 23	-	300	3 382 72
			4P		-	3 383 24	-	300	3 382 72
			4P with e.l.c.b		-	3 383 25	-	300	3 382 72
			3P/4P with rotary handle		-	3 383 81	-	300	3 383 84
	36 modules wide	Vertical	3P		-	3 383 26	-	300	3 382 73
			4P		-	3 383 27	-	300	3 382 73
			4P with e.l.c.b		-	3 383 28	-	300	3 382 73
			3P/4P with rotary handle		-	3 383 82	-	300	3 383 85

1: 3-position adjustable rail
2: 1-position rail

Red catalogue numbers: New products

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XL³ S 630

selection chart (continued)

DEVICE	ENCLOSURE	POSITION	CONFIGURATION		FACEPLATES		
					PLATE	HEIGHT (mm)	
	FIXING ON PLATE				FIXING ON PLATE		
DPX³ 125 HP DPX³ 160 HP	16 modules wide	Horizontal	3P		3 385 00	100	3 385 50
			4P		3 385 01	150	3 385 51
	24 modules wide	Horizontal	3P		3 385 03	100	3 385 53
			4P		3 385 04	150	3 385 54
	36 modules wide	Horizontal	3P		3 385 06	100	3 385 56
			4P		3 385 07	150	3 385 57
	16 modules wide	Vertical	3P		3 385 21	250	3 385 71
			4P		3 385 21	250	3 385 71
	24 modules wide	Vertical	3P		3 385 23	250	3 385 73
			4P		3 385 24	250	3 385 74
	36 modules wide	Horizontal	3P		3 385 26	250	3 385 76
			4P		3 385 27	250	3 385 77
DPX³ 250	16 modules wide	Horizontal	3P		3 384 00	150	3 384 50
			3P or 4P with or without e.l.c.b		3 384 01	200	3 384 51
	24 modules wide	Horizontal	3P		3 384 03	150	3 384 53
			3P or 4P with or without e.l.c.b		3 384 04	200	3 384 54
	36 modules wide	Horizontal	3P		3 384 06	150	3 384 56
			3P or 4P with or without e.l.c.b		3 384 07	200	3 384 57
	16 modules wide	Vertical	3P or 4P		3 384 20	300	3 382 71
			4P with e.l.c.b		3 384 21	300	3 382 71
			3P/4P with rotary handle		3 383 95	300	3 383 83
	24 modules wide	Vertical	3P		3 384 23	300	3 382 72
			4P		3 384 24	300	3 382 72
			4P with e.l.c.b		3 384 25	300	3 382 72
			3P/4P with rotary handle		3 383 96	300	3 383 84
	36 modules wide	Vertical	3P		3 384 26	300	3 382 73
			4P		3 384 27	300	3 382 73
			4P with e.l.c.b		3 384 28	300	3 382 73
			3P/4P with rotary handle		3 383 97	300	3 383 85
DRX 250 HP	16 modules wide	Horizontal	3P		3 386 00	150	3 384 50
			4P		3 386 01	200	3 384 51
	24 modules wide	Horizontal	3P		3 386 03	150	3 384 53
			4P		3 386 04	200	3 384 54
	36 modules wide	Horizontal	3P		3 386 06	150	3 384 56
			4P		3 386 07	200	3 384 57
	16 modules wide	Vertical	3P		3 386 20	300	3 382 71
			4P		3 386 21	300	3 382 71
	24 modules wide	Vertical	3P		3 386 23	300	3 382 72
			4P		3 386 24	300	3 382 72
	36 modules wide	Vertical	3P		3 386 26	300	3 382 73
			4P		3 386 27	300	3 382 73
DPX³ 250 HP	16 modules wide	Horizontal	3P		3 386 00	150	3 386 50
			4P with or without e.l.c.b		3 386 01	200	3 386 51
	24 modules wide	Horizontal	3P		3 386 03	150	3 386 53
			4P with or without e.l.c.b		3 386 04	200	3 386 54
	36 modules wide	Horizontal	3P		3 386 06	150	3 386 56
			4P with or without e.l.c.b		3 386 07	200	3 386 57
	16 modules wide	Vertical	3P		3 386 20	300	3 386 71
			4P with or without e.l.c.b		3 386 21	300	3 386 71
	24 modules wide	Vertical	3P		3 386 23	300	3 386 74
			4P with or without e.l.c.b		3 386 24	300	3 386 74
	36 modules wide	Vertical	3P		3 386 26	300	3 386 77
			4P with or without e.l.c.b		3 386 27	300	3 386 77
DPX-IS 250	24 modules wide	Horizontal	3P or 4P		3 389 02	300	3 389 42
	36 modules wide	Horizontal	3P or 4P		3 389 04	300	3 389 44
	16 modules wide	Vertical	3P or 4P		3 389 20	300	3 382 71
	24 modules wide	Vertical	3P or 4P		3 389 22	300	3 382 72
	36 modules wide	Vertical	3P or 4P		3 389 24	300	3 382 73

Red catalogue numbers: New products

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XL³ S 630

selection chart (continued)

DEVICE	ENCLOSURE	POSITION	CONFIGURATION		FIXING DEVICES			FACEPLATES	
					RAIL	PLATE	BRACKETS	HEIGHT (MM)	
	FIXING ON PLATE				FIXING ON PLATE				
DPX³ 630	16 modules wide	Horizontal	3P		-	3 387 00	-	150	3 387 50
			3P or 4P without e.l.c.b		-	3 387 01	-	200	3 387 51
	24 modules wide	Horizontal	3P		-	3 387 03	-	150	3 387 53
			3P or 4P without e.l.c.b		-	3 387 04	-	200	3 387 54
	36 modules wide	Horizontal	3P		-	3 387 06	-	150	3 387 56
			3P or 4P without e.l.c.b		-	3 387 07	-	200	3 387 57
			4P with e.l.c.b		-	3 387 07	-	200	3 387 58
	16 modules wide	Vertical	3P/4P without e.l.c.b		-	3 387 20	-	400	3 387 70
			4P with e.l.c.b		-	3 387 21	-	600	3 387 71
			3P/4P with rotary handle		-	3 383 86	-	400	3 383 92
			3P/4P with motor-driven handle		-	3 383 89	-	400	3 383 92
	24 modules wide	Vertical	3P/4P without e.l.c.b		-	3 387 24	-	400	3 387 74
			4P with e.l.c.b		-	3 387 25	-	600	3 387 75
			3P/4P with rotary handle		-	3 383 87	-	400	3 383 93
			3P/4P with motor-driven handle		-	3 383 90	-	400	3 383 93
			3P/4P transfer switch without motor-driven handle		-	3 384 80	-	400	3 384 84
	36 modules wide	Vertical	3P/4P without e.l.c.b		-	3 387 27	-	400	3 387 77
			4P with e.l.c.b		-	3 387 28	-	600	3 387 78
			3P/4P with rotary handle		-	3 383 88	-	400	3 383 94
			3P/4P with motor-driven handle		-	3 383 91	-	400	3 383 94
			3P/4P transfer switch without motor-driven handle		-	3 384 81	-	400	3 384 85
DRX 630	16 modules wide	Horizontal	3P		-	3 387 00	-	150	3 387 50
			4P		-	3 387 01	-	200	3 387 51
	24 modules wide	Horizontal	3P		-	3 387 03	-	150	3 387 53
			4P		-	3 387 04	-	200	3 387 54
	36 modules wide	Horizontal	3P		-	3 387 06	-	150	3 387 56
			4P		-	3 387 07	-	200	3 387 57
	16 modules wide	Vertical	3P or 4P		-	3 387 20	-	400	3 387 70
	24 modules wide	Vertical	3P or 4P		-	3 387 24	-	400	3 387 74
	36 modules wide	Vertical	3P or 4P			3 387 27	-	400	3 387 77
DPX-IS 630	24 modules wide	Horizontal	3P or 4P		-	3 390 02	-	300	3 390 41
	36 modules wide	Horizontal	3P or 4P		-	3 390 14	-	300	3 390 43
	16 modules wide	Vertical	3P or 4P		-	3 390 20	-	400	3 390 50
	24 modules wide	Vertical	3P or 4P		-	3 390 22	-	400	3 390 52
	36 modules wide	Vertical	3P or 4P		-	3 390 24	-	400	3 390 54
DSX switch disconnectors Frame 1 (up to 160 A)	16 modules wide	Vertical	3P or 4P		-	3 389 61	-	300	3 382 71
	24 modules wide	Vertical	3P or 4P		-	3 389 62	-	300	3 382 72
		Horizontal	3P or 4P		-	3 389 60	-	300	3 389 64
	36 modules wide	Vertical	3P or 4P		-	3 389 63	-	300	3 382 73
DSX switch disconnectors Frame 2 (up to 320 A)	16 modules wide	Vertical	3P or 4P		-	3 389 66	-	300	3 382 71
	24 modules wide	Vertical	3P or 4P		-	3 389 67	-	300	3 382 72
		Horizontal	3P or 4P		-	3 389 65	-	300	3 389 70
	36 modules wide	Vertical	3P or 4P		-	3 389 68	-	300	3 382 73
DSX transfert switching equipment Frame 1 (up to 160 A)	16 modules wide	Vertical	3P or 4P		-	3 389 72	-	300	3 382 71
	24 modules wide	Vertical	3P or 4P		-	3 389 73	-	300	3 382 72
		Horizontal	3P or 4P		-	3 389 71	-	300	3 389 64
	36 modules wide	Vertical	3P or 4P		-	3 389 74	-	300	3 382 73
DSX transfert switching equipment Frame 2 (up to 320 A)	16 modules wide	Vertical	3P or 4P		-	3 389 76	-	300	3 382 71
	24 modules wide	Vertical	3P or 4P		-	3 389 77	-	300	3 382 72
		Horizontal	3P or 4P		-	3 389 75	-	300	3 389 70
	36 modules wide	Vertical	3P or 4P		-	3 389 78	-	300	3 382 73
DCX-M SIZE 3 UP TO 400 A	24 modules wide	Vertical	-		-	3 390 64	-	300	3 390 65
DCX-M SIZE 4 UP TO 630 A	24 modules wide	Vertical	-		-	3 390 66	-	400	3 390 67

Red catalogue numbers: New products

XL³ S 630

distribution enclosures

3 375 81 + 3 382 00

3 375 82 + 3 382 00

3 375 83

3 375 20

3 378 68

Technical characteristics **p. 343**

Enclosures equipped with functional uprights and supplied with fixing supports for faceplates (fixing accessories for faceplates to be ordered separately p. 341)
Doors and side panels to be ordered separately
Take protection devices up to 630 A
Used to create assemblies certified IEC 61439-2
IP 40 with door
IP 30 without door
Removable, separable top and bottom panels
Can take Lina 25 ducting and IP 55 Cabstop cable gland plates (p. 342)

Enclosures

Pack	Cat.Nos	Height (mm) total	Height (mm) faceplate	Width (mm) total	Width (mm) usable	Depth (mm)
		16 modules wide				
		Faceplates: RAL 9003				
		Body: RAL 7016				
1	3 375 21	824	750	454	350	249
1	3 375 31	974	900	454	350	249
1	3 375 41	1124	1050	454	350	249
1	3 375 51	1274	1200	454	350	249
1	3 375 61	1424	1350	454	350	249
1	3 375 71	1574	1500	454	350	249
1	3 375 81	1724	1650	454	350	249
1	3 375 91	1874	1800	454	350	249
1	3 376 01	2024	1950	454	350	249
1	3 376 11	2174	2100	454	350	249
1	3 376 21	2324	2250	454	350	249
		24 modules wide				
1	3 375 22	824	750	604	500	249
1	3 375 32	974	900	604	500	249
1	3 375 42	1124	1050	604	500	249
1	3 375 52	1274	1200	604	500	249
1	3 375 62	1424	1350	604	500	249
1	3 375 72	1574	1500	604	500	249
1	3 375 82	1724	1650	604	500	249
1	3 375 92	1874	1800	604	500	249
1	3 376 02	2024	1950	604	500	249
1	3 376 12	2174	2100	604	500	249
1	3 376 22	2324	2250	604	500	249
		36 modules wide				
1	3 375 23	824	750	804	700	249
1	3 375 33	974	900	804	700	249
1	3 375 43	1124	1050	804	700	249
1	3 375 53	1274	1200	804	700	249
1	3 375 63	1424	1350	804	700	249
1	3 375 73	1574	1500	804	700	249
1	3 375 83	1724	1650	804	700	249
1	3 375 93	1874	1800	804	700	249
1	3 376 03	2024	1950	804	700	249
1	3 376 13	2174	2100	804	700	249
1	3 376 23	2324	2250	804	700	249

Internal cable sleeves

Internal cable sleeve kits
For mounting on either the right or left inside XL³ S 630 enclosures

Pack	Cat.Nos	Height (mm) total	Height (mm) faceplate
1	3 379 32	824	750
1	3 379 33	974	900
1	3 379 34	1124	1050
1	3 379 35	1274	1200
1	3 379 36	1424	1350
1	3 379 37	1574	1500
1	3 379 38	1724	1650
1	3 379 39	1874	1800
1	3 379 40	2024	1950
1	3 379 41	2174	2100
1	3 379 42	2324	2250

External cable sleeves

Side cable sleeves
Fitted on either the right or left of enclosures using joining kits Cat.Nos 3 379 49/50

Pack	Cat.Nos	Height (mm) total	Height (mm) faceplate	Width total (mm)	Depth (mm)
1	3 375 20	824	750	324	249
1	3 375 30	974	900	324	249
1	3 375 40	1124	1050	324	249
1	3 375 50	1274	1200	324	249
1	3 375 60	1424	1350	324	249
1	3 375 70	1574	1500	324	249
1	3 375 80	1724	1650	324	249
1	3 375 90	1874	1800	324	249
1	3 376 00	2024	1950	324	249
1	3 376 10	2174	2100	324	249
1	3 376 20	2324	2250	324	249

Side panels

Set of 2 panels
For cabinets or cable sleeves with faceplate height (mm)

Pack	Cat.Nos	
1	3 378 62	750
1	3 378 63	900
1	3 378 64	1050
1	3 378 65	1200
1	3 378 66	1350
1	3 378 67	1500
1	3 378 68	1650
1	3 378 69	1800
1	3 378 70	1950
1	3 378 71	2100
1	3 378 72	2250

Functional uprights for internal cable sleeves
p. 334

XL³ S 630

doors for enclosures

3 376 41 | 3 376 91 | 3 376 82 | 3 376 83 | 3 377 91 | 3 377 92 | 3 377 93

Metal doors for XL³ S 630 enclosures

Supplied with fixed handle
Key barrel to be ordered separately
2 or 3 locking points (depending on door height)

Pack	Cat.Nos	
		16 modules wide
		For cabinets with faceplate height (mm)
1	3 376 41	750
1	3 376 51	900
1	3 376 61	1050
1	3 376 71	1200
1	3 376 81	1350
1	3 376 91	1500
1	3 377 01	1650
1	3 377 11	1800
1	3 377 21	1950
1	3 377 31	2100
1	3 377 41	2250
		24 modules wide
1	3 376 42	750
1	3 376 52	900
1	3 376 62	1050
1	3 376 72	1200
1	3 376 82	1350
1	3 376 92	1500
1	3 377 02	1650
1	3 377 12	1800
1	3 377 22	1950
1	3 377 32	2100
1	3 377 42	2250
		36 modules wide
1	3 376 43	750
1	3 376 53	900
1	3 376 63	1050
1	3 376 73	1200
1	3 376 83	1350
1	3 376 93	1500
1	3 377 03	1650
1	3 377 13	1800
1	3 377 23	1950
1	3 377 33	2100
1	3 377 43	2250

Glass doors for XL³ S 630 enclosures

Supplied with fixed handle
Key barrel to be ordered separately
2 or 3 locking points (depending on door height)

Pack	Cat.Nos	
		16 modules wide
		For cabinets with faceplate height (mm)
1	3 377 51	750
1	3 377 61	900
1	3 377 71	1050
1	3 377 81	1200
1	3 377 91	1350
1	3 378 01	1500
1	3 378 11	1650
1	3 378 21	1800
1	3 378 31	1950
1	3 378 41	2100
1	3 378 51	2250
		24 modules wide
1	3 377 52	750
1	3 377 62	900
1	3 377 72	1050
1	3 377 82	1200
1	3 377 92	1350
1	3 378 02	1500
1	3 378 12	1650
1	3 378 22	1800
1	3 378 32	1950
1	3 378 42	2100
1	3 378 52	2250
		36 modules wide
1	3 377 53	750
1	3 377 63	900
1	3 377 73	1050
1	3 377 83	1200
1	3 377 93	1350
1	3 378 03	1500
1	3 378 13	1650
1	3 378 23	1800
1	3 378 33	1950
1	3 378 43	2100
1	3 378 53	2250

Replacement handles for doors **p. 334**

XL³ S 630

equipment

3 376 80

3 378 82

3 379 52

3 382 00

3 382 03

Pack	Cat.Nos	Metal doors for XL³ S 630 cable sleeves
		Supplied with fixed handle Key barrel to be ordered separately 2 or 3 locking points (depending on door height) For cable sleeves with faceplate height (mm)
1	3 376 40	750
1	3 376 50	900
1	3 376 60	1050
1	3 376 70	1200
1	3 376 80	1350
1	3 376 90	1500
1	3 377 00	1650
1	3 377 10	1800
1	3 377 20	1950
1	3 377 30	2100
1	3 377 40	2250
		Replacement handles for doors
1	3 397 11	For XL³ S 630 with faceplate height 750 to 1200 mm
1	3 397 12	For XL³ S 630 with faceplate height 1350 to 2250 mm
1	3 397 16	Locking handle no. 405 for XL³ S 630 with faceplate height 750 to 1200 mm Supplied with a set of 2 keys
1	3 397 17	Locking handle no. 405 for XL³ S 630 with faceplate height 1350 to 2250 mm Supplied with a set of 2 keys
		Faceplate for cable sleeves
		For external cable sleeves
		For cable sleeves with faceplate height (mm)
1	3 378 82	750
1	3 378 84	900
1	3 378 86	1050
1	3 378 88	1200
1	3 378 90	1350
1	3 378 92	1500
1	3 378 94	1650
1	3 378 96	1800
1	3 378 98	1950
1	3 379 00	2100
1	3 379 02	2250
		For internal cable sleeves
1	3 379 12	750
1	3 379 13	900
1	3 379 14	1050
1	3 379 15	1200
1	3 379 16	1350
1	3 379 17	1500
1	3 379 18	1650
1	3 379 19	1800
1	3 379 20	1950
1	3 379 21	2100
1	3 379 22	2250
		Wall mounting
1	3 379 52	Set of 2 lugs for wall mounting

Pack	Cat.Nos	Functional uprights for external cable sleeves
		For fixing equipment in external cable sleeves For cable sleeves with faceplate height (mm)
1	3 379 86	750
1	3 379 87	900
1	3 379 88	1050
1	3 379 89	1200
1	3 379 90	1350
1	3 379 91	1500
1	3 379 92	1650
1	3 379 93	1800
1	3 379 94	1950
1	3 379 95	2100
1	3 379 96	2250
		Plinths for XL³ S 630 and 4000 enclosures
		Height 100 mm
		Corner pieces for plinth
1	3 382 00	Set of 4 corner pieces
		Finishing panel for plinth
		Set of 2 plates
1	3 382 05	For enclosures depth 249 mm
1	3 382 01	For external cable sleeves width 324 mm
1	3 382 02	For enclosures width 424 mm
1	3 382 03	For enclosures width / depth 574 mm
1	3 382 04	For enclosures width / depth 774 mm
		Joining kits
		For connecting two enclosures
1	3 379 50	Joining screws for XL³ S 630 and 4000 enclosures
1	3 379 49	Joining plates for XL³ S 630 and 4000 enclosures (to be used to strengthen joining)
		Seal for IP 43 protection
1	3 379 51	Supplied ready to use for XL³ S 630 and 4000 enclosures
		IP 30 finishing kits
		Set of 2 finishing pieces Allow 1 horizontal kit and 1 vertical kit per enclosure
		Finishing kits - vertical mounting
		For enclosures with faceplate height (mm)
1	3 379 60	750
1	3 379 61	900
1	3 379 62	1050
1	3 379 63	1200
1	3 379 64	1350
1	3 379 65	1500
1	3 379 66	1650
1	3 379 67	1800
1	3 379 68	1950
1	3 379 69	2100
1	3 379 70	2250
		Finishing kits - horizontal mounting
1	3 379 72	For 16-module enclosures
1	3 379 73	For 24-module enclosures
1	3 379 74	For 36-module enclosures
1	3 379 71	For cable sleeves

XL³ S 630 - equipment for mounting modular devices and DPX³ on a ⊔ rail

3 382 24

3 382 23

4 210 71

3 382 52

Selection chart **p. 326 to 331**

Pack	Cat.Nos	
		1-position ⊔ rails
		Used for mounting modular devices
1	3 382 21	For 16-module enclosure
1	3 382 24	For 24-module enclosure
1	3 382 27	For 36-module enclosure
		3-position adjustable ⊔ rails
		Used for mounting modular devices or DPX³ 160/250 equipped with adaptors for ⊔ rail
1	3 382 20	For 16-module enclosure
1	3 382 23	For 24-module enclosure
1	3 382 26	For 36-module enclosure
		Rail height spacer
1	3 382 40	Used to combine modular devices and DPX³ 160/250 on the same rail
1	3 382 41	Used to combine modular devices and DRX on the same rail
1	3 382 42	Used to combine DRX and DPX³ 160/250 on the same rail
		Adaptors for mounting DPX³ 160 and 250 on a ⊔ rail
		Used to mount DPX³ on a ⊔ rail
1	4 210 71	For DPX³ 160 without side motor-driven handle
1	4 210 73	For DPX³ 160 with e.l.c.b without side motor-driven handle
1	4 210 68	For all DPX³ 160 devices with side motor-driven handle
1	4 210 72	For DPX³ 250 without side motor-driven handle
1	4 210 74	For DPX³ 250 with e.l.c.bs without side motor-driven handle
1	4 210 69	For all DPX³ 250 devices with side motor-driven handle
		Window faceplates
		Fixed with 1/4 turn screws or screws
		Height 150 mm for modular devices
1	3 382 51	For 16-module enclosure
1	3 382 52	For 24-module enclosure
1	3 382 53	For 36-module enclosure
		Height 300 mm for DPX³ 160/250 and DPX-IS 250
1	3 382 71	For 16-module enclosure
1	3 382 72	For 24-module enclosure
1	3 382 73	For 36-module enclosure
		Height 400 mm for DPX³ 250 with e.l.c.b and terminal shields
1	3 382 81	For 16-module enclosure
1	3 382 82	For 24-module enclosure
1	3 382 83	For 36-module enclosure

XL³ S 630 - equipment for mounting DPX³ 125/160 HP and DRX 125 HP on a plate

3 385 00

3 385 21

3 382 62

Selection chart **p. 326 to 331**

Pack	Cat.Nos		
			Fixing plates for DPX³ 125/160 HP and DRX 125 HP on side uprights
	3P	4P	**Horizontal mounting**
1	3 385 00	3 385 01	For 16-module enclosure
1	3 385 03	3 385 04	For 24-module enclosure
1	3 385 06	3 385 07	For 36-module enclosure
	3P/4P		**Vertical mounting**
1	3 385 21		For 16-module enclosure
	3P	4P	
1	3 385 23	3 385 24	For 24-module enclosure
1	3 385 26	3 385 27	For 36-module enclosure
			Faceplates for DPX³ 160/250 and DRX 125 HP/250 HP - horizontal mounting
			Fixed with 1/4 turn screws or screws
			DPX³ 160 - DRX 125 HP
			Height: 3P: 100 mm
			4P: 150 mm
	3P	4P	
1	3 383 53	3 383 54	For 24-module enclosure
1	3 383 56	3 383 57	For 36-module enclosure
			Window faceplates
			Fixed with 1/4 turn screws or screws
			Height 200 mm for DRX 125 HP and Vistop up to 160 A
1	3 382 61		For 16-module enclosure
1	3 382 62		For 24-module enclosure
1	3 382 63		For 36-module enclosure
			Faceplates for DPX³ 125/160 HP - horizontal mounting
			Fixed with 1/4 turn screws or screws
			Height: 250 mm
	3P	4P	
1	3 385 50	3 385 51	For 16-module enclosure
1	3 385 53	3 385 54	For 24-module enclosure
1	3 385 56	3 385 57	For 36-module enclosure
			Faceplates for DPX³ 125/160 HP - vertical mounting
			Fixed with 1/4 turn screws or screws
			Height: 250 mm
	3P / 4P		
1	3 385 71		For 16-module enclosure
	3P	4P	
1	3 385 73	3 385 74	For 24-module enclosure
1	3 385 76	3 385 77	For 36-module enclosure

Fixing accessories for faceplates **p. 341**

XL³ S 630

equipment for mounting DPX³ 160/250 on a plate

3 383 06

3 383 23

3 383 80

3 383 50

3 384 54

3 382 73

Selection chart **p. 326 to 331**

Reduced height fixing plates for DPX³ 160/250 - horizontal mounting

Pack	3P	4P	
			DPX³ 160
1	3 383 00	3 383 01	For 16-module enclosure
1	3 383 03	3 383 04	For 24-module enclosure
1	3 383 06	3 383 07	For 36-module enclosure
			DPX³ 250
1	3 384 00	3 384 01	For 16-module enclosure
1	3 384 03	3 384 04	For 24-module enclosure
1	3 384 06	3 384 07	For 36-module enclosure

Fixing plates for DPX³ 160/250 - vertical mounting

Pack	3P/4P	
		DPX³ 160
1	3 383 20	For 16-module enclosure

Pack	3P	4P	
1	3 383 23	3 383 24	For 24-module enclosure
1	3 383 26	3 383 27	For 36-module enclosure

Pack	4P with e.l.c.b	
1	3 383 21	For 16-module enclosure
1	3 383 25	For 24-module enclosure
1	3 383 28	For 36-module enclosure

Pack	3P/4P	
		DPX³ 250
1	3 384 20	For 16-module enclosure

Pack	3P	4P	
1	3 384 23	3 384 24	For 24-module enclosure
1	3 384 26	3 384 27	For 36-module enclosure

Pack	4P with e.l.c.b	
1	3 384 21	For 16-module enclosure
1	3 384 25	For 24-module enclosure
1	3 384 28	For 36-module enclosure

Pack	3P/4P	
		DPX³ 160 with rotary handle
1	3 383 80	For 16-module enclosure
1	3 383 81	For 24-module enclosure
1	3 383 82	For 36-module enclosure

Pack	3P/4P	
		DPX³ 250 with rotary handle
1	3 383 95	For 16-module enclosure
1	3 383 96	For 24-module enclosure
1	3 383 97	For 36-module enclosure

Faceplates for DPX³ 160/250 and DRX 125 HP/250 HP - horizontal mounting

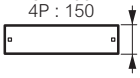
Fixed with 1/4 turn screws or screws

DPX³ 160 - DRX 125 HP

Height: 3P: 100 mm / 4P: 150 mm

Pack	3P	4P	
1	3 383 50	3 383 51	For 16-module enclosure
1	3 383 53	3 383 54	For 24-module enclosure
1	3 383 56	3 383 57	For 36-module enclosure

3P :100
4P : 150

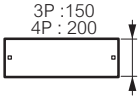


DPX³ 250 - DRX 250 HP

Height: 3P: 150 mm / 4P: 200 mm

Pack	3P	4P	
1	3 384 50	3 384 51	For 16-module enclosure
1	3 384 53	3 384 54	For 24-module enclosure
1	3 384 56	3 384 57	For 36-module enclosure

3P :150
4P : 200

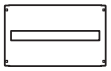


Faceplates for DPX³ 160/250 and DRX 250 HP - vertical mounting

Fixed with 1/4 turn screws or screws

Height 300 mm

Pack		
1	3 382 71	For 16-module enclosure
1	3 382 72	For 24-module enclosure
1	3 382 73	For 36-module enclosure

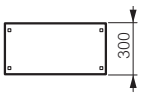


Faceplates for DPX³ 160/250 with rotary handle - vertical mounting

Fixed with 1/4 turn screws or screws

DPX³ 160 and DPX³ 250

Pack		
1	3 383 83	For 16-module enclosure
1	3 383 84	For 24-module enclosure
1	3 383 85	For 36-module enclosure



Fixing accessories for faceplates **p. 341**

Red catalogue numbers: New products

XL³ S 630

equipment for mounting DRX/DPX³ 250 HP on a plate

3 386 03

3 386 01

3 386 56

Selection chart **p. 326 to 331**

Pack	Cat.Nos		
		Reduced height fixing plates for DRX/DPX³ 250 HP - horizontal mounting	
	3P		
1	3 386 00	For 16-module enclosure	
1	3 386 03	For 24-module enclosure	
1	3 386 06	For 36-module enclosure	
		Fixing plates for DRX/DPX³ 250 HP - horizontal mounting	
	3P/4P		
1	3 386 01	For 16-module enclosure	
1	3 386 04	For 24-module enclosure	
1	3 386 07	For 36-module enclosure	
		Fixing plates for DRX/DPX³ 250 HP - vertical mounting	
	3P	**DRX/DPX³ 250 HP**	
1	3 386 20	For 16-module enclosure	
1	3 386 23	For 24-module enclosure	
1	3 386 26	For 36-module enclosure	
	4P	**DRX/DPX³ 250 HP with or without e.l.c.b**	
1	3 386 21	For 16-module enclosure	
1	3 386 24	For 24-module enclosure	
1	3 386 27	For 36-module enclosure	
		Reduced height faceplates for DPX³ 250 HP - horizontal mounting	
		Fixed with 1/4 turn screws or screws	
	3P	Height: 150 mm	
1	3 386 50	For 16-module enclosure	
1	3 386 53	For 24-module enclosure	
1	3 386 56	For 36-module enclosure	
		Faceplates for DPX³ 250 HP - horizontal mounting	
		Fixed with 1/4 turn screws or screws	
		For DPX³ 250 HP with or without e.l.c.b	
	4P	Height: 200 mm	
1	3 386 51	For 16-module enclosure	
1	3 386 54	For 24-module enclosure	
1	3 386 57	For 36-module enclosure	
		Faceplates for DPX³ 250 HP - vertical mounting	
		Fixed with 1/4 turn screws or screws	
		DPX³ 250 HP with or without e.l.c.b	
	3P/4P	Height: 300 mm	
1	3 386 71	For 16-module enclosure	
1	3 386 74	For 24-module enclosure	
1	3 386 77	For 36-module enclosure	

Faceplates for DRX 250 HP **p. 336**

XL³ S 630

equipment for mounting DPX-IS 250 on a plate

3 389 20

3 382 73

Selection chart **p. 326 to 331**

Pack	Cat.Nos		
		Fixing plates for DPX-IS 250 - horizontal mounting	
	3P/4P		
1	3 389 02	For 24-module enclosure	
1	3 389 04	For 36-module enclosure	
		Fixing plates for DPX-IS 250 - vertical mounting	
	3P/4P		
1	3 389 20	For 16-module enclosure	
1	3 389 22	For 24-module enclosure	
1	3 389 24	For 36-module enclosure	
		Faceplates for DPX-IS 250 - horizontal mounting	
		Fixed with 1/4 turn screws or screws	
		Height: 300 mm	
	3P/4P		
1	3 389 42	For 24-module enclosure	
1	3 389 44	For 36-module enclosure	
		Faceplates for DPX-IS 250 - vertical mounting	
		Fixed with 1/4 turn screws or screws	
	3P/4P	**Height 300 mm**	
1	3 382 71	For 16-module enclosure	
1	3 382 72	For 24-module enclosure	
1	3 382 73	For 36-module enclosure	

XL³ S 630

equipment for mounting DPX³ 630 and DRX 630 on a plate

3 387 00

3 387 20

3 383 89

3 384 80

3 387 53

3 387 70

3 383 92

3 384 84

Selection chart **p. 326 to 331**

Fixing plates for DPX³ 630 and DRX 630 - horizontal mounting

Pack	Cat.Nos 3P	Cat.Nos 4P	
1	3 387 00	3 387 01	For 16-module enclosure
1	3 387 03	3 387 04	For 24-module enclosure
1	3 387 06	3 387 07	For 36-module enclosure

Fixing plates for DPX³ 630 and DRX 630 - vertical mounting

Without e.l.c.b

Pack	Cat.Nos 3P/4P	
1	3 387 20	For 16-module enclosure
1	3 387 24	For 24-module enclosure
1	3 387 27	For 36-module enclosure

With e.l.c.b

Pack	Cat.Nos 4P with e.l.c.b	
1	3 387 21	For 16-module enclosure
1	3 387 25	For 24-module enclosure
1	3 387 28	For 36-module enclosure

Fixing plates for DPX³ 630 with rotary handle - vertical mounting

Pack	Cat.Nos 3P/4P	
1	3 383 86	For 16-module enclosure
1	3 383 87	For 24-module enclosure
1	3 383 88	For 36-module enclosure

Fixing plates for DPX³ 630 with motor-driven handle - vertical mounting

Pack	Cat.Nos 3P/4P	
1	3 383 89	For 16-module enclosure
1	3 383 90	For 24-module enclosure
1	3 383 91	For 36-module enclosure

Fixing plates for DPX³ 630 transfer switch version - vertical mounting

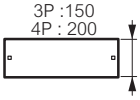
Transfer switch without motor-driven handle

Pack	Cat.Nos 3P/4P	
1	3 384 80	For 24-module enclosure
1	3 384 81	For 36-module enclosure

Faceplates for DPX³ 630 and DRX 630 - horizontal mounting

Height: 3P: 150 mm / 4P: 200 mm

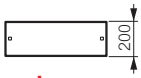
Pack	Cat.Nos 3P	Cat.Nos 4P	
1	3 387 50	3 387 51	For 16-module enclosure
1	3 387 53	3 387 54	For 24-module enclosure
1	3 387 56	3 387 57	For 36-module enclosure



With e.l.c.b

Height: 200 mm

Pack	Cat.Nos 4P with e.l.c.b	
1	3 387 58	For 36-module enclosure



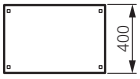
Faceplates for DPX³ 630 and DRX 630 - vertical mounting

Fixed with 1/4 turn screws or screws

Without e.l.c.b

Height: 400 mm

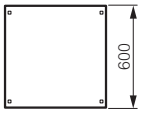
Pack	Cat.Nos 3P/4P	
1	3 387 70	For 16-module enclosure
1	3 387 74	For 24-module enclosure
1	3 387 77	For 36-module enclosure



With e.l.c.b

Height: 600 mm

Pack	Cat.Nos 4P with e.l.c.b	
1	3 387 71	For 16-module enclosure
1	3 387 75	For 24-module enclosure
1	3 387 78	For 36-module enclosure

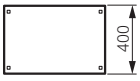


Faceplates for DPX³ 630 with rotary or motor-driven handle - vertical mounting

Fixed with 1/4 turn screws or screws

Height: 400 mm

Pack	Cat.Nos 3P/4P	
1	3 383 92	For 16-module enclosure
1	3 383 93	For 24-module enclosure
1	3 383 94	For 36-module enclosure



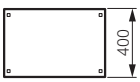
Faceplates for DPX³ 630 transfer switch - vertical mounting

Fixed with 1/4 turn screws or screws

Without motor-driven handle

Height: 400 mm

Pack	Cat.Nos 3P/4P	
1	3 384 84	For 24-module enclosure
1	3 384 85	For 36-module enclosure

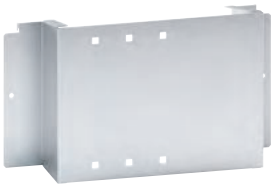


Red catalogue numbers: New products

XL³ S 630

equipment for mounting DPX-IS 630 on a plate

3 390 02



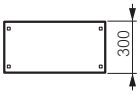
3 390 20

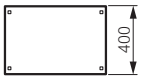
3 390 41

3 390 50

Selection chart **p. 326 to 331**

Pack	Cat.Nos	
		Fixing plates for DPX-IS 630 - horizontal mounting
1	3 390 02	For 24-module enclosure
1	3 390 14	For 36-module enclosure
		Fixing plates for DPX-IS 630 - vertical mounting
	3P/4P	
1	3 390 20	For 16-module enclosure
1	3 390 22	For 24-module enclosure
1	3 390 24	For 36-module enclosure
		Faceplates for DPX-IS 630 - horizontal mounting
		Fixed with 1/4 turn screws or screws Height: 300 mm
	3P/4P	
1	3 390 41	For 24-module enclosure
1	3 390 43	For 36-module enclosure
		Faceplates for DPX-IS 630 - vertical mounting
		Fixed with 1/4 turn screws or screws Height: 400 mm
	3P/4P	
1	3 390 50	For 16-module enclosure
1	3 390 52	For 24-module enclosure
1	3 390 54	For 36-module enclosure





XL³ S 630

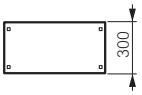
equipment for mounting DCX-M on a plate

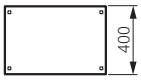
3 390 66

3 390 67

Selection chart **p. 326 to 331**

Pack	Cat.Nos	
		Fixing plates for DCX-M - vertical mounting
1	3 390 64	**For DCX-M size 3 - up to 400 A** For 24-module enclosure
1	3 390 66	**For DCX-M size 4 - up to 630 A** For 24-module enclosure
		Faceplates for DCX-M - vertical mounting
		Fixed with 1/4 turn screws or screws
1	3 390 65	**For DCX-M size 3 - up to 400 A** Height: 300 mm For 24-module enclosure
1	3 390 67	**For DCX-M size 4 - up to 630 A** Height: 400 mm For 24-module enclosure





Fixing accessories for faceplates **p. 341**

Red catalogue numbers: New products

XL³ S 630

equipment for mounting DSX switch disconnectors and transfer switching equipment on plate

3 389 60

3 389 62

3 389 73

3 389 64

3 382 72

Selection chart **p. 326 to 331**

Pack	Cat.Nos	Fixing plates for DSX switch disconnectors - horizontal mounting
		For DSX switch disconnectors frame 1 - up to 160 A
	3P/4P	
1	3 389 60	For 24-module enclosure
		For DSX switch disconnectors frame 2 - up to 320 A
1	3 389 65	For 24-module enclosure

Pack	Cat.Nos	Fixing plates for DSX switch disconnectors - vertical mounting
		For DSX switch disconnectors frame 1 - up to 160 A
	3P/4P	
1	3 389 61	For 16-module enclosure
1	3 389 62	For 24-module enclosure
1	3 389 63	For 36-module enclosure
		For DSX switch disconnectors frame 2 - up to 320 A
		For SPX Cat.No 6 052 04
1	3 389 66	For 16-module enclosure
1	3 389 67	For 24-module enclosure
1	3 389 68	For 36-module enclosure

Pack	Cat.Nos	Fixing plates for DSX transfer switching equipment - horizontal mounting
		For DSX transfer switching equipment frame 1 - up to 160 A
	3P/4P	
1	3 389 71	For 24-module enclosure
		For DSX transfer switching equipment frame 2 - up to 320 A
1	3 389 75	For 24-module enclosure

Pack	Cat.Nos	Fixing plates for DSX transfer switching equipment - vertical mounting
		For DSX transfer switching equipment frame 1 - up to 160 A
	3P/4P	
1	3 389 72	For 16-module enclosure
1	3 389 73	For 24-module enclosure
1	3 389 74	For 36-module enclosure
		For DSX transfer switching equipment frame 2 - up to 320 A
1	3 389 76	For 16-module enclosure
1	3 389 77	For 24-module enclosure
1	3 389 78	For 36-module enclosure

Pack	Cat.Nos	Faceplates for DSX switch disconnectors and transfer switching equipment - horizontal mounting
		Fixed with 1/4 turn screws or screws
	3P/4P	**For DSX frame 1 - up to 160 A** Height: 300 mm
1	3 389 64	For 24-module enclosure
		For DSX frame 2 - up to 320 A Height: 300 mm
1	3 389 70	For 24-module enclosure

Pack	Cat.Nos	Faceplates for DSX switch disconnectors and transfer switching equipment - vertical mounting
		Fixed with 1/4 turn screws or screws
		For DSX frame 1 and frame 2 - up to 320 A
	3P/4P	Height: 300 mm
1	3 382 71	For 16-module enclosure
1	3 382 72	For 24-module enclosure
1	3 382 73	For 36-module enclosure

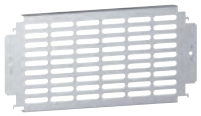
Fixing accessories for faceplates **p. 341**

Red catalogue numbers: New products

XL³ S 630

universal plates and solid metal faceplates

3 395 40


3 395 60

3 395 88

3 395 85

3 390 80

Pack	Cat.Nos	Universal rails
1	3 382 43	For 16-module enclosure
1	3 382 44	For 24-module enclosure
1	3 382 45	For 36-module enclosure

Pack	Cat.Nos	Solid universal plates
		For 16-module enclosures
		Height (mm)
1	3 395 40	200
1	3 395 41	300
1	3 395 42	400
1	3 395 43	600
		For 24-module enclosures
1	3 395 44	200
1	3 395 45	300
1	3 395 46	400
1	3 395 47	600
		For 36-module enclosures
1	3 395 48	200
1	3 395 49	300
1	3 395 50	400
1	3 395 51	600

Pack	Cat.Nos	Perforated universal plates
		For 16-module enclosures
		Height (mm)
1	3 395 60	200
1	3 395 61	300
1	3 395 62	400
1	3 395 63	600
		For 24-module enclosures
1	3 395 64	200
1	3 395 65	300
1	3 395 66	400
1	3 395 67	600
		For 36-module enclosures
1	3 395 68	200
1	3 395 69	300
1	3 395 70	400
1	3 395 71	600

Pack	Cat.Nos	Universal support for cable sleeves
1	3 397 51	Vertical sloping support for cable sleeve

Pack	Cat.Nos	Solid metal faceplates	
		Fixed with 1/4 turn screws or screws	
		Height 50 mm	
		For enclosures (modules)	Faceplate usable height (mm)
1	3 395 92	16	49
1	3 395 95	24	49
1	3 395 98	36	49
		Height 100 mm	
1	3 395 93	16	99
1	3 395 96	24	99
1	3 395 99	36	99
		Height 150 mm	
1	3 395 94	16	149
1	3 395 97	24	149
1	3 396 00	36	149
		Height 200 mm	
1	3 395 80	16	199
1	3 395 84	24	199
1	3 395 88	36	199
		Height 300 mm	
1	3 395 81	16	299
1	3 395 85	24	299
1	3 395 89	36	299
		Height 400 mm	
1	3 395 82	16	399
1	3 395 86	24	399
1	3 395 90	36	399
		Height 600 mm	
1	3 395 83	16	599
1	3 395 87	24	599
1	3 395 91	36	599

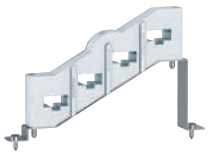
Pack	Cat.Nos	Perforated faceplates for ventilation
		Fixed with 1/4 turn screws or screws
		Height 150 mm
1	3 390 80	For 16-module enclosure
1	3 390 81	For 24-module enclosure
1	3 390 82	For 36-module enclosure
		Height 200 mm
1	3 390 83	For 16-module enclosure
1	3 390 84	For 24-module enclosure
1	3 390 85	For 36-module enclosure

Pack	Cat.Nos	Fixing accessories for faceplates
1	3 397 01	Set of 100 1/4 turn screws
1	3 397 02	Set of 100 screws

Red catalogue numbers: New products

XL³ S 630

busbar supports and accessories


3 399 02

3 399 03

3 399 04

0 373 01

0 016 60

0 205 82

0 365 82

Busbar supports selection chart **p. 370 to 375**

Busbar supports

Pack	Cat.Nos	
		For copper busbars ≤ 400 A
1	3 399 00	Insulating support for flat copper busbars 18 x 4, 25 x 4, 25 x 5 and 32 x 5 mm in staggered position
1	3 399 01	Insulating support for flat copper bars 18 x 4, 25 x 4 and 32 x 5 mm in aligned position
		For aluminium busbars ≤ 630 A Compatible with C-section aluminium bars Cat.Nos 4 044 30/31/32 (p. 375)
1	3 399 02	Insulating support for aluminium bars in staggered position
1	3 399 03	Insulating lug support for aluminium bars in staggered position
1	3 399 04	Insulating support for aluminium bars in aligned position. Can be fixed on the enclosure functional uprights with the help of crosspieces Cat.Nos 3 379 80/81/82 (to be ordered separately)
1	3 399 05	Insulating lug support for aluminium bars in aligned position. Can be fixed on the enclosure functional uprights with the help of crosspieces Cat.Nos 3 379 80/81/82 (to be ordered separately)
		For copper busbars ≤ 800 A
1	3 399 06	Insulating support for flat copper bars 18 x 4, 25 x 5, 32 x 5, 50 x 5 and 63 x 5 mm in sloping position When installed in XL³ S 630 enclosures I ≤ 630 A

Crosspieces

1	3 379 79	For external cable sleeves
1	3 397 37	For internal cable sleeves
1	3 379 80	For 16-module width enclosure/cable sleeve width: 450 mm
1	3 379 81	For 24-module width enclosure
1	3 379 82	For 36-module width enclosure
1	3 379 83	For depthwise installation (compatible with all XL³ S 630 enclosures)

Plate for 630 A aluminium busbar

1	0 373 84	Connection plate for aluminium busbar

Earthing bar supports

1	3 397 21	For XL³ S 630 and 4000 enclosures

Connection of protective conductors

		Additional brass bar For protective conductor. Fits onto functional uprights using the lugs supplied
1	0 373 01	For 24-module width enclosure
1	3 397 57	For 36-module width enclosure
		Equipotential link conductor
1	3 397 53	Length 350 mm. Cross-section 6 mm²

White RAL 9003 blanking plates

20	0 016 60	5 modules, separable into modules or half-modules
20	3 397 54	24 modules, untapped blanking panel which can be cut as required

Clip-on holders for self-adhesive labels

10	3 397 55	24 modules
10	3 397 56	36 modules

Fixing supports for Lina 25 ducting

Pack	Cat.Nos	
1	3 397 58	Set of 2 supports Fit directly onto functional uprights

Lifting rings

1	0 205 82	Set of 4 Maximum load of 340 kg per ring

Self-adhesive document holders for plans

Open - RAL 7035

		External dimensions		Internal dimensions		
		Height (mm)	Width (mm)	Height (mm)	Width (mm)	Depth (mm)
20	0 365 80	235	340	200	310	18
20	0 365 81	165	260	130	230	18

Closed - RAL 7035

1	0 365 82	Rigid, plastic, IP 50 Int. dimensions: 324 x 120 x 18 mm

Transparent

10	0 097 99	Soft plastic, A4 - 305 x 220 mm

Cable gland plates

		Cable gland plates with foam seal
1	3 379 54	For cable sleeve
1	3 379 55	For 16-module width enclosure
1	3 379 56	For 24-module width enclosure
1	3 379 57	For 36-module width enclosure

IP 55 Cabstop plates

Cable gland plates

Cable entries consisting of a cable clamp providing mechanical strength, and elastomer areas ensuring a tight seal.
Can be pierced directly with the cable (no tool required). Fit the cable perfectly
Cable can be replaced
Flame-retardant polypropylene RAL 7035
2 mounting options:
- directly on cabinet cable entry plates
- on even surface with kit Cat.No 0 364 98

Supplied with:
- locking caps which can be used to block up a pierced entry and guarantee IP 55 protection
- cable release tools

		Number of entries Ø5 to 14 (mm)	Number of entries Ø14 to 24 (mm)	Number of spare entries	Direct mounting on cable entry plates on Atlantic cabinets width (mm)
1	0 364 94	13	1	-	300
1	0 364 95	13	1	1	400
1	0 364 96	28	2	1	500-1000
1	0 364 97	28	2	2	600-800-1200

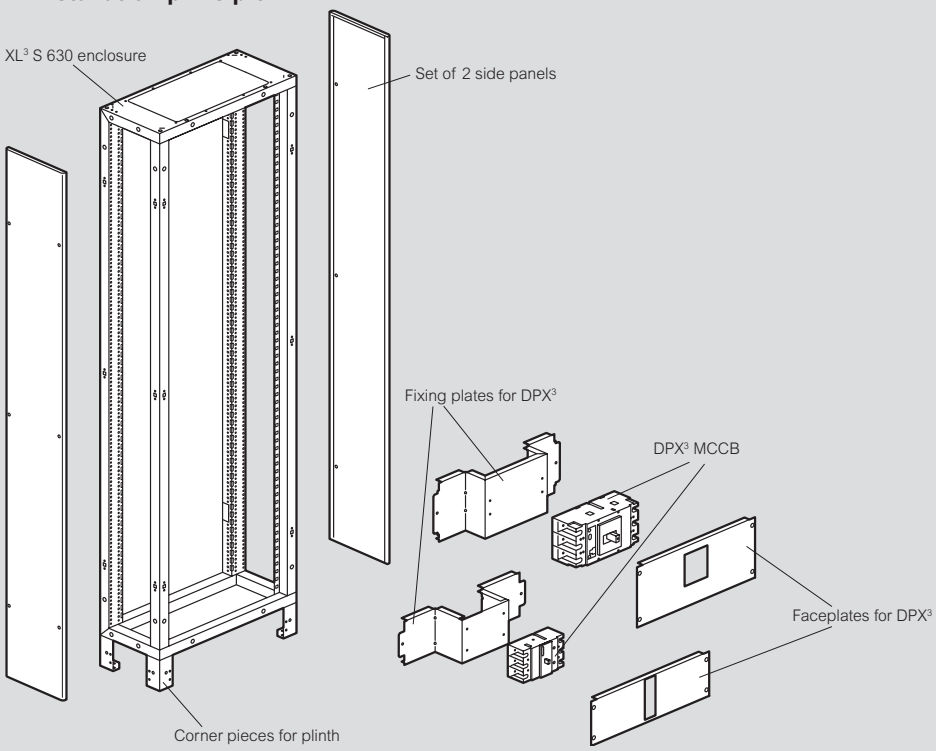
Mounting kit

1	0 364 98	Kit for Cabstop plates For mounting 2 Cabstop plates: Cat.Nos 0 364 94 or 95 and 0 364 96 or 97 (above) Supplied with insulating screws. IP 55 maintained

XL³ S 630

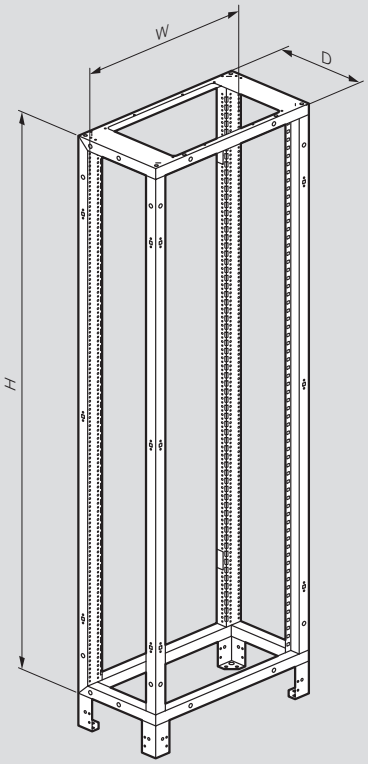
technical characteristics

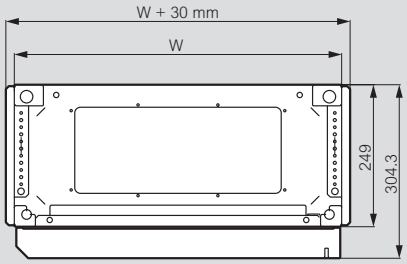
Installation principle



Dimensions

Enclosures and external cable sleeves





16-module enclosures

Cat.Nos	External dimensions (mm)		
	W	H	D
3 375 21	424	824	249
3 375 31	424	974	249
3 375 41	424	1124	249
3 375 51	424	1274	249
3 375 61	424	1424	249
3 375 71	424	1574	249
3 375 81	424	1724	249
3 375 91	424	1874	249
3 376 01	424	2024	249
3 376 11	424	2174	249
3 376 21	424	2324	249

24-module enclosures

Cat.Nos	External dimensions (mm)		
	W	H	D
3 375 22	574	824	249
3 375 32	574	974	249
3 375 42	574	1124	249
3 375 52	574	1274	249
3 375 62	574	1424	249
3 375 72	574	1574	249
3 375 82	574	1724	249
3 375 92	574	1874	249
3 376 02	574	2024	249
3 376 12	574	2174	249
3 376 22	574	2324	249

36-module enclosures

Cat.Nos	External dimensions (mm)		
	W	H	D
3 375 23	774	824	249
3 375 33	774	974	249
3 375 43	774	1124	249
3 375 53	774	1274	249
3 375 63	774	1424	249
3 375 73	774	1574	249
3 375 83	774	1724	249
3 375 93	774	1874	249
3 376 03	774	2024	249
3 376 13	774	2174	249
3 376 23	774	2324	249

External cable sleeves

Cat.Nos	External dimensions (mm)		
	W	H	D
3 375 20	324	824	249
3 375 30	324	974	249
3 375 40	324	1124	249
3 375 50	324	1274	249
3 375 60	324	1424	249
3 375 70	324	1574	249
3 375 80	324	1724	249
3 375 90	324	1874	249
3 376 00	324	2024	249
3 376 10	324	2174	249
3 376 20	324	2324	249

XL³ S 4000
selection chart

DEVICE	ENCLOSURE	POSITION	CONFIGURATION	ACCESSORIES		FIXING DEVICES			FACEPLATES	
						RAIL	PLATE	BRACKETS	HEIGHT (mm)	
	FIXING ON RAIL					FIXING ON RAIL				
MCBs	16 modules wide	Vertical	-	-		3 382 20	-	-	150	3 382 51
	24 modules wide	Vertical	-	-		3 382 23	-	-	150	3 382 52
	36 modules wide	Vertical	-	-		3 382 26	-	-	150	3 382 53
DPX³ 160	16 modules wide	Vertical		Without side motor-driven handle		3 382 20 + 4 210 71	-	-	300	3 382 71
			With e.l.c.b	Without side motor-driven handle		3 382 20 + 4 210 73	-	-	300	3 382 71
				With side motor-driven handle		3 382 20 + 4 210 68	-	-	300	3 382 71
	24 modules wide	Vertical		Without side motor-driven handle		3 382 23 + 4 210 71	-	-	300	3 382 72
			With e.l.c.b	Without side motor-driven handle		3 382 23 + 4 210 73	-	-	300	3 382 72
				With side motor-driven handle		3 382 23 + 4 210 68	-	-	300	3 382 72
	36 modules wide	Vertical		Without side motor-driven handle		3 382 26 + 4 210 71	-	-	300	3 382 73
			With e.l.c.b	Without side motor-driven handle		3 382 26 + 4 210 73	-	-	300	3 382 73
				With side motor-driven handle		3 382 26 + 4 210 68	-	-	300	3 382 73
DPX³ 250	16 modules wide	Vertical		Without side motor-driven handle		3 382 20 + 4 210 72	-	-	300	3 382 71
			With e.l.c.b	Without side motor-driven handle		3 382 20 + 4 210 74	-	-	300	3 382 71
				With side motor-driven handle		3 382 20 + 4 210 69	-	-	300	3 382 71
			With e.l.c.b and terminal shield	-		3 382 20 + 4 210 74	-	-	400	3 382 81
	24 modules wide	Vertical		Without side motor-driven handle		3 382 23 + 4 210 72	-	-	300	3 382 72
			With e.l.c.b	Without side motor-driven handle		3 382 23 + 4 210 74	-	-	300	3 382 72
				With side motor-driven handle		3 382 23 + 4 210 69	-	-	300	3 382 72
			With e.l.c.b and terminal shield	-		3 382 23 + 4 210 74		-	400	3 382 82
	36 modules wide	Vertical		Without side motor-driven handle		3 382 26 + 4 210 72	-	-	300	3 382 73
			With e.l.c.b	Without side motor-driven handle		3 382 26 + 4 210 74	-	-	300	3 382 73
				With side motor-driven handle		3 382 26 + 4 210 69	-	-	300	3 382 73
			With e.l.c.b and terminal shield	-		3 382 26 + 4 210 74	-	-	400	3 382 83
DRX 125 HP	FIXING ON PLATE - CROSSPIECES SYSTEM					FIXING ON PLATE - CROSSPIECES SYSTEM				
	24 modules wide	Horizontal	3P	-		-	3 373 43	-	150	3 383 54
			4P	-		-	3 373 43	-	150	3 383 54
	36 modules wide	Horizontal	3P	-		-	3 373 43	-	150	3 383 57
			4P	-		-	3 373 43	-	150	3 383 57
	16 modules wide	Vertical	3P	-		-	3 373 38	-	200	3 382 61
			4P	-		-	3 373 38	-	200	3 382 61
	24 modules wide	Vertical	3P	-		-	3 373 39	-	200	3 382 62
			4P	-		-	3 373 40	-	200	3 382 62
	36 modules wide	Vertical	3P	-		-	3 373 41	-	200	3 382 63
			4P	-		-	3 373 42	-	200	3 382 63
DPX³ 160	24 modules wide	Horizontal	3P	Without motor-driven handle		-	3 373 27	-	200	3 373 29
			4P with or without e.l.c.b	Without motor-driven handle		-	3 373 27	-	200	3 373 29
	36 modules wide	Horizontal	3P	Without motor-driven handle		-	3 373 27	-	200	3 373 30
			4P with or without e.l.c.b	Without motor-driven handle		-	3 373 27	-	200	3 373 30
	16 modules wide	Vertical	3P	Without rotary or motor-driven handle		-	3 373 21	-	300	3 382 71
				With rotary handle		-	3 373 21	-	300	3 383 83
			4P without e.l.c.b	Without rotary or motor-driven handle		-	3 373 21	-	300	3 382 71
				With rotary handle		-	3 373 21	-	300	3 383 83
			4P with e.l.c.b	Without rotary or motor-driven handle		-	3 373 22	-	300	3 382 71
				With rotary handle		-	3 373 22	-	300	3 383 83
	24 modules wide	Vertical	3P	Without rotary or motor-driven handle		-	3 373 23	-	300	3 382 72
				With rotary handle		-	3 373 23	-	300	3 383 84
			4P without e.l.c.b	Without rotary or motor-driven handle		-	3 373 23	-	300	3 382 72
				With rotary handle		-	3 373 23	-	300	3 383 84
			4P with e.l.c.b	Without rotary or motor-driven handle		-	3 373 24	-	300	3 382 72
				With rotary handle		-	3 373 24	-	300	3 383 84
			3P / 4P transfer switch	-		-	3 373 28	-	300	3 382 72
	36 modules wide	Vertical	3P	Without rotary or motor-driven handle		-	3 373 25	-	300	3 382 73
				With rotary handle		-	3 373 25	-	300	3 383 85
			4P without e.l.c.b	Without rotary or motor-driven handle		-	3 373 25	-	300	3 382 73
				With rotary handle		-	3 373 25	-	300	3 383 85
			4P with e.l.c.b	Without rotary or motor-driven handle		-	3 373 26	-	300	3 382 73
				With rotary handle		-	3 373 26	-	300	3 383 85
			3P / 4P transfer switch			-	3 373 28	-	300	3 382 73
DPX³ 125 HP and DPX³ 160 HP	24 modules wide	Horizontal	3P	Without rotary handle		-	3 373 43	-	150	3 385 53
			4P with or without e.l.c.b	Without rotary handle		-	3 373 43	-	150	3 385 54
	36 modules wide	Horizontal	3P	Without rotary handle		-	3 373 43	-	150	3 385 56
			4P with or without e.l.c.b	Without rotary handle		-	3 373 43	-	150	3 385 57
	16 modules wide	Vertical	3P	Without rotary handle		-	3 373 38	-	250	3 385 71
			4P with or without e.l.c.b	Without rotary handle		-	3 373 38	-	250	3 385 71
	24 modules wide	Vertical	3P	Without rotary handle		-	3 373 39	-	250	3 385 73
			4P with or without e.l.c.b	Without rotary handle		-	3 373 40	-	250	3 385 74
	36 modules wide	Vertical	3P	Without rotary handle		-	3 373 41	-	250	3 385 76
			4P with or without e.l.c.b	Without rotary handle		-	3 373 42	-	250	3 385 77

Red catalogue numbers: New products

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XL³ S 4000

selection chart (continued)

DEVICE	ENCLOSURE	POSITION	VERSION	CONFIGURATION	ACCESSORIES		FIXING DEVICES			FACEPLATES	
							RAIL	PLATE	BRACKETS	HEIGHT (MM)	
	FIXING ON PLATE + CROSSPIECES SYSTEM						FIXING ON PLATE				
DPX³ 250	24 modules wide	Horizontal	Fixed	3P	Without motor-driven handle		-	3 373 37	-	200	3 384 54
				4P with or without e.l.c.b			-	3 373 37	-	200	3 384 54
	36 modules wide	Horizontal	Fixed	3P	Without motor-driven handle		-	3 373 37	-	200	3 384 57
				4P with or without e.l.c.b			-	3 373 37	-	200	3 384 57
	16 modules wide	Vertical	Fixed	3P	Without rotary or motor-driven handle		-	3 373 31	-	300	3 382 71
					With rotary handle		-	3 373 31	-	300	3 383 83
				4P without e.l.c.b	Without rotary or motor-driven handle		-	3 373 31	-	300	3 382 71
					With rotary handle		-	3 373 31	-	300	3 383 83
				4P with e.l.c.b	Without rotary or motor-driven handle		-	3 373 32	-	300	3 382 71
					With rotary handle		-	3 373 32	-	300	3 383 83
	24 modules wide	Vertical	Fixed	3P	Without rotary or motor-driven handle		-	3 373 33	-	300	3 382 72
					With rotary handle		-	3 373 33	-	300	3 383 84
				4P without e.l.c.b	Without rotary or motor-driven handle		-	3 373 33	-	300	3 382 72
					With rotary handle		-	3 373 33	-	300	3 383 84
				4P with e.l.c.b	Without rotary or motor-driven handle		-	3 373 34	-	300	3 382 72
					With rotary handle		-	3 373 34	-	300	3 383 84
				3P / 4P transfer switch	-		-	3 373 28	-	300	3 382 72
	36 modules wide	Vertical	Fixed	3P	Without rotary or motor-driven handle		-	3 373 35	-	300	3 382 73
					With rotary handle		-	3 373 35	-	300	3 383 85
				4P	Without rotary or motor-driven handle		-	3 373 35	-	300	3 382 73
					With rotary handle		-	3 373 35	-	300	3 383 85
				4P with e.l.c.b	Without rotary or motor-driven handle		-	3 373 36	-	300	3 382 73
					With rotary handle		-	3 373 36	-	300	3 383 85
				3P / 4P transfer switch	-		-	3 373 28	-	300	3 382 73
DRX 250 HP	24 modules wide	Horizontal	Fixed	3P	With or without rotary handle		-	3 373 52	-	200	3 384 54
				4P			-	3 373 52	-	200	3 384 54
	36 modules wide	Horizontal	Fixed	3P	With or without rotary handle		-	3 373 52	-	200	3 384 57
				4P			-	3 373 52	-	200	3 384 57
	16 modules wide	Vertical	Fixed	3P	With or without rotary handle		-	3 373 44	-	300	3 382 71
				4P			-	3 373 44	-	300	3 382 71
	24 modules wide	Vertical	Fixed	3P	With or without rotary handle		-	3 373 45	-	300	3 382 72
				4P			-	3 373 45	-	300	3 382 72
	36 modules wide	Vertical	Fixed	3P	With or without rotary handle		-	3 373 46	-	300	3 382 73
				4P			-	3 373 46	-	300	3 382 73
DPX³ 250 HP	24 modules wide	Horizontal	Fixed	3P	With or without rotary or motor-driven handle		-	3 373 52	-	200	3 386 54
				4P with or without e.l.c.b			-	3 373 52	-	200	3 386 54
			Plug-in	3P			-	3 373 55	-	200	3 373 63
				4P with or without e.l.c.b			-	3 373 55	-	200	3 373 63
			Draw-out	3P			-	3 373 48	-	600	3 373 66
				4P with or without e.l.c.b			-	3 373 48	-	600	3 373 66
			Fixed	3P / 4P transfer switch			-	3 373 53	-	400	3 373 61
			Draw-out	3P / 4P transfer switch				3 373 54	-	600	3 373 65
	36 modules wide	Horizontal	Fixed	3P	With or without rotary or motor-driven handle		-	3 373 52	-	200	3 386 57
				4P with or without e.l.c.b			-	3 373 52	-	200	3 386 57
			Plug-in	3P			-	3 373 55	-	200	3 373 64
				4P with or without e.l.c.b			-	3 373 55	-	200	3 373 64
			Draw-out	3P			-	3 373 48	-	600	3 373 67
				4P with or without e.l.c.b			-	3 373 48	-	600	3 373 67
			Fixed	3P / 4P transfer switch			-	3 373 53	-	400	3 373 62
	16 modules wide	Vertical	Fixed	3P	With or without rotary or motor-driven handle		-	3 373 44	-	300	3 386 71
				4P with or without e.l.c.b			-	3 373 44	-	300	3 386 71
			Plug-in	3P			-	3 373 48	-	300	3 386 71
				4P with or without e.l.c.b			-	3 373 48	-	300	3 386 71
			Draw-out	3P			-	3 373 48	-	400	3 373 58
				4P with or without e.l.c.b			-	3 373 48	-	400	3 373 58
	24 modules wide	Vertical	Fixed	3P	With or without rotary or motor-driven handle		-	3 373 45	-	300	3 386 74
				4P with or without e.l.c.b			-	3 373 45	-	300	3 386 74
			Plug-in	3P			-	3 373 50	-	300	3 386 74
				4P with or without e.l.c.b			-	3 373 50	-	300	3 386 74
			Draw-out	3P			-	3 373 48	-	400	3 373 59
				4P with or without e.l.c.b			-	3 373 48	-	400	3 373 59
			Fixed	3P / 4P transfer switch			-	3 373 47	-	300	3 373 56
	36 modules wide	Vertical	Fixed	3P	With or without rotary or motor-driven handle		-	3 373 46	-	300	3 386 77
				4P with or without e.l.c.b			-	3 373 46	-	300	3 386 77
			Plug-in	3P			-	3 373 51	-	300	3 386 77
				4P with or without e.l.c.b			-	3 373 51	-	300	3 386 77
			Draw-out	3P			-	3 373 49	-	400	3 373 60
				4P with or without e.l.c.b			-	3 373 49	-	400	3 373 60
			Fixed	3P / 4P transfer switch			-	3 373 47	-	300	3 373 57
			Draw-out	3P / 4P transfer switch			-	3 373 49	-	400	3 373 60

Red catalogue numbers: New products

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XL³ S 4000

selection chart (continued)

DEVICE	ENCLOSURE	POSITION	VERSION	CONFIGURATION	ACCESSORIES		FIXING DEVICES			FACEPLATES	
							RAIL	PLATE	BRACKETS	HEIGHT (MM)	
	FIXING ON PLATE + CROSSPIECES SYSTEM						FIXING ON PLATE				
DPX-IS 250	24 modules wide	Horizontal	Fixed	3P	-		-	3 374 87	-	300	3 389 42
				4P	-		-	3 374 87	-	300	3 389 42
	36 modules wide	Horizontal	Fixed	3P	-		-	3 374 87	-	300	3 389 44
				4P	-		-	3 374 87	-	300	3 389 44
	16 modules wide	Vertical	Fixed	3P	-		-	3 374 85	-	300	3 382 71
				4P	-		-	3 374 85	-	300	3 382 71
	24 modules wide	Vertical	Fixed	3P	-		-	3 374 86	-	300	3 382 72
				4P	-		-	3 374 86	-	300	3 382 72
	36 modules wide	Vertical	Fixed	3P	-		-	3 374 86	-	300	3 382 73
				4P	-		-	3 374 86	-	300	3 382 73
DRX 630	24 modules wide	Horizontal	Fixed	3P	With or without rotary handle		-	3 373 81	-	300	3 374 58
				4P			-	3 373 81	-	300	3 374 58
	36 modules wide	Horizontal	Fixed	3P	With or without rotary handle		-	3 373 81	-	300	3 374 59
				4P			-	3 373 81	-	300	3 374 59
	16 modules wide	Vertical	Fixed	3P	With or without rotary handle		-	3 373 68	-	400	3 387 70
				4P			-	3 373 68	-	400	3 387 70
	24 modules wide	Vertical	Fixed	3P	With or without rotary handle		-	3 373 69	-	400	3 387 74
				4P			-	3 373 69	-	400	3 387 74
	36 modules wide	Vertical	Fixed	3P	With or without rotary handle		-	3 373 70	-	400	3 387 77
				4P			-	3 373 70	-	400	3 387 77
DPX³ 630	24 modules wide	Horizontal	Fixed	3P	With or without rotary or motor-driven handle		-	3 373 81	-	300	3 374 58
				4P without e.l.c.b			-	3 373 81	-	300	3 374 58
			Plug-in	3P	With or without rotary or motor-driven handle		-	3 373 84	-	300	3 374 62
				4P without e.l.c.b			-	3 373 84	-	300	3 374 62
			Draw-out	3P	With or without rotary handle		-	3 373 86	-	300	3 374 65
				4P without e.l.c.b			-	3 373 86	-	300	3 374 65
			Draw-out	3P	With motor-driven handle		-	3 373 86	-	300	3 374 66
				4P without e.l.c.b			-	3 373 86	-	300	3 374 66
			Fixed	3P / 4P transfer switch	With or without rotary or motor-driven handle		-	3 373 83	-	600	3 374 61
			Draw-out	3P / 4P transfer switch			-	3 373 88	-	600	3 374 71
	36 modules wide	Horizontal	Fixed	3P	With or without rotary or motor-driven handle		-	3 373 81	-	300	3 374 59
				4P without e.l.c.b			-	3 373 81	-	300	3 374 59
				4P with e.l.c.b			-	3 373 82	-	300	3 374 60
			Plug-in	3P	With or without rotary or motor-driven handle		-	3 373 84	-	300	3 374 63
				4P without e.l.c.b			-	3 373 84	-	300	3 374 63
				4P with e.l.c.b			-	3 373 85	-	300	3 374 64
			Draw-out	3P	With or without rotary handle		-	3 373 86	-	300	3 374 67
				4P without e.l.c.b			-	3 373 86	-	300	3 374 67
				4P with e.l.c.b			-	3 373 87	-	300	3 374 69
			Draw-out	3P	With motor-driven handle		-	3 373 86	-	300	3 374 68
				4P without e.l.c.b			-	3 373 86	-	300	3 374 68
				4P with e.l.c.b			-	3 373 87	-	300	3 374 70
	16 modules wide	Vertical	Fixed	3P	With or without rotary or motor-driven handle		-	3 373 68	-	400	3 387 70
				4P without e.l.c.b			-	3 373 68	-	400	3 387 70
				4P with e.l.c.b			-	3 373 71	-	600	3 387 71
			Plug-in	3P			-	3 373 75	-	400	3 374 52
				4P without e.l.c.b			-	3 373 75	-	400	3 374 52
				4P with e.l.c.b			-	3 373 76	-	600	3 374 53
			Draw-out	3P	With or without rotary handle		-	3 373 75	-	400	3 374 41
				4P without e.l.c.b			-	3 373 75	-	400	3 374 41
				4P with e.l.c.b	With or without rotary or motor-driven handle		-	3 373 76	-	600	3 374 43
			Draw-out	3P	With motor-driven handle		-	3 373 75	-	400	3 374 42
				4P without e.l.c.b			-	3 373 75	-	400	3 374 42
	24 modules wide	Vertical	Fixed	3P	With or without rotary or motor-driven handle		-	3 373 69	-	400	3 387 74
				4P without e.l.c.b			-	3 373 69	-	400	3 387 74
				4P with e.l.c.b			-	3 373 72	-	600	3 387 75
			Plug-in	3P			-	3 373 75	-	400	3 374 54
				4P without e.l.c.b			-	3 373 75	-	400	3 374 54
				4P with e.l.c.b			-	3 373 76	-	600	3 374 55
			Draw-out	3P	With or without rotary handle		-	3 373 75	-	400	3 374 44
				4P without e.l.c.b			-	3 373 75	-	400	3 374 44
				4P with e.l.c.b	With or without rotary or motor-driven handle		-	3 373 76	-	600	3 374 46
			Draw-out	3P	With motor-driven handle		-	3 373 75	-	400	3 374 45
				4P without e.l.c.b			-	3 373 75	-	400	3 374 45
				4P with e.l.c.b			-	3 373 76	-	600	3 374 47
			Fixed	3P / 4P transfer switch	With or without rotary or motor-driven handle		-	3 373 74	-	400	3 384 84

Red catalogue numbers: New products

legrand

XL³ S 4000

selection chart (continued)

DEVICE	ENCLOSURE	POSITION	VERSION	CONFIGURATION	ACCESSORIES		FIXING DEVICES			FACEPLATES	
							RAIL	PLATE	BRACKETS	HEIGHT (MM)	
	FIXING ON PLATE + CROSSPIECES SYSTEM						FIXING ON PLATE				
DPX³ 630 (continued)	36 modules wide	Vertical	Fixed	3P	With or without rotary or motor-driven handle		-	3 373 70	-	400	3 387 77
				4P without e.l.c.b			-	3 373 70	-	400	3 387 77
				4P with e.l.c.b			-	3 373 73	-	600	3 387 78
			Plug-in	3P			-	3 373 79	-	400	3 374 56
				4P without e.l.c.b			-	3 373 79	-	400	3 374 56
				4P with e.l.c.b			-	3 373 80	-	600	3 374 57
			Draw-out	3P	With or without rotary handle		-	3 373 77	-	400	3 374 48
				4P without e.l.c.b			-	3 373 77	-	400	3 374 48
				4P with e.l.c.b	With or without rotary or motor-driven handle		-	3 373 78	-	600	3 374 50
			Draw-out	3P	With motor-driven handle		-	3 373 77	-	400	3 374 49
				4P without e.l.c.b			-	3 373 77	-	400	3 374 49
				4P with e.l.c.b			-	3 373 78	-	600	3 374 51
			Fixed	3P / 4P transfer switch	With or without rotary or motor-driven handle		-	3 373 74	-	400	3 384 85
DPX-IS 630	24 modules wide	Horizontal	Fixed	3P	-		-	3 374 90	-	300	3 390 41
				4P	-		-	3 374 90	-	300	3 390 41
	36 modules wide	Horizontal	Fixed	3P	-		-	3 374 90	-	300	3 390 43
				4P	-		-	3 374 90	-	300	3 390 43
	16 modules wide	Vertical	Fixed	3P	-		-	3 374 88	-	400	3 390 50
				4P	-		-	3 374 88	-	400	3 390 50
	24 modules wide	Vertical	Fixed	3P	-		-	3 374 89	-	400	3 390 52
				4P	-		-	3 374 89	-	400	3 390 52
	36 modules wide	Vertical	Fixed	3P	-		-	3 374 89	-	400	3 390 54
				4P	-		-	3 374 89	-	400	3 390 54
DPX³ 1600	24 modules wide	Horizontal	Fixed	3P	With or without rotary or motor-driven handle		-	3 374 75	-	400	3 388 42
				4P			-	3 374 75	-	400	3 388 42
			Draw-out	3P	Without rotary or motor-driven handle		-	3 374 76	-	600	3 374 81
				4P			-	3 374 76	-	600	3 374 81
			Draw-out	3P	With rotary or motor-driven handle		-	3 374 76	-	600	3 374 82
				4P			-	3 374 76	-	600	3 374 82
	36 modules wide	Horizontal	Fixed	3P	With or without rotary or motor-driven handle		-	3 374 75	-	400	3 388 44
				4P			-	3 374 75	-	400	3 388 44
			Draw-out	3P	Without rotary or motor-driven handle		-	3 374 76	-	600	3 374 83
				4P			-	3 374 76	-	600	3 374 83
			Draw-out	3P	With rotary or motor-driven handle		-	3 374 76	-	600	3 374 84
				4P			-	3 374 76	-	600	3 374 84
	16 modules wide	Vertical	Fixed	3P	With or without rotary or motor-driven handle		-	3 374 72	-	350	3 388 50
				4P			-	3 374 72	-	350	3 388 50
	24 modules wide	Vertical	Fixed	3P	With or without rotary or motor-driven handle		-	3 374 73	-	350	3 388 52
				4P			-	3 374 73	-	350	3 388 52
			Draw-out	3P	Without rotary or motor-driven handle		-	3 374 74	-	600	3 374 77
				4P			-	3 374 74	-	600	3 374 77
			Draw-out	3P	With rotary or motor-driven handle		-	3 374 74	-	600	3 374 78
				4P			-	3 374 74	-	600	3 374 78
	36 modules wide	Vertical	Fixed	3P	With or without rotary or motor-driven handle		-	3 374 73	-	350	3 388 54
				4P			-	3 374 73	-	350	3 388 54
			Draw-out	3P	Without rotary or motor-driven handle		-	3 374 74	-	600	3 374 79
				4P			-	3 374 74	-	600	3 374 79
			Draw-out	3P	With rotary or motor-driven handle		-	3 374 74	-	600	3 374 80
				4P			-	3 374 74	-	600	3 374 80
DPX-IS 1600	24 modules wide	Horizontal	Fixed	3P	-		-	3 374 75	-	400	3 388 62
				4P	-		-	3 374 75	-	400	3 388 62
	16 modules wide	Vertical	Fixed	3P	-		-	3 374 72	-	350	3 374 91
	24 modules wide	Vertical	Fixed	3P	-		-	3 374 73	-	350	3 374 92
				4P	-		-	3 374 73	-	350	3 374 92
	36 modules wide	Vertical	Fixed	3P	-		-	3 374 73	-	350	3 374 93
				4P	-		-	3 374 73	-	350	3 374 93

Red catalogue numbers: New products

XL³ S 4000

selection chart (continued)

DEVICE	ENCLOSURE	POSITION	VERSION	CONFIGURATION	ACCESSORIES		FIXING DEVICES			FACEPLATES	
							RAIL	PLATE	BRACKETS	HEIGHT (MM)	
	FIXING ON PLATE + CROSSPIECES SYSTEM						FIXING ON PLATE				
DSX switch disconnectors Frame 1	24 modules wide	Horizontal	Fixed	3P	-		-	3 374 94	-	300	3 389 64
				4P	-		-	3 374 94	-	300	3 389 64
	16 modules wide	Vertical	Fixed	3P	-		-	3 374 95	-	300	3 382 71
				4P	-		-	3 374 95	-	300	3 382 71
	24 modules wide	Vertical	Fixed	3P	-		-	3 374 96	-	300	3 382 72
				4P	-		-	3 374 96	-	300	3 382 72
	36 modules wide	Vertical	Fixed	3P	-		-	3 374 97	-	300	3 382 73
				4P	-		-	3 374 97	-	300	3 382 73
DSX switch disconnectors Frame 2	24 modules wide	Horizontal	Fixed	3P	-		-	3 374 98	-	300	3 389 70
				4P	-		-	3 374 98	-	300	3 389 70
	16 modules wide	Vertical	Fixed	3P	-		-	3 374 99	-	300	3 382 71
				4P	-		-	3 374 99	-	300	3 382 71
	24 modules wide	Vertical	Fixed	3P	-		-	3 375 00	-	300	3 382 72
				4P	-		-	3 375 00	-	300	3 382 72
	36 modules wide	Vertical	Fixed	3P	-		-	3 375 01	-	300	3 382 73
				4P	-		-	3 375 01	-	300	3 382 73
DSX transfer switching equipment Frame 1	24 modules wide	Horizontal	Fixed	3P	-		-	3 375 02	-	300	3 389 64
				4P	-		-	3 375 02	-	300	3 389 64
	16 modules wide	Vertical	Fixed	3P	-		-	3 375 03	-	300	3 382 71
				4P	-		-	3 375 03	-	300	3 382 71
	24 modules wide	Vertical	Fixed	3P	-		-	3 375 04	-	300	3 382 72
				4P	-		-	3 375 04	-	300	3 382 72
	36 modules wide	Vertical	Fixed	3P	-		-	3 375 05	-	300	3 382 73
				4P	-		-	3 375 05	-	300	3 382 73
DSX transfer switching equipment Frame 2	24 modules wide	Horizontal	Fixed	3P	-		-	3 375 06	-	300	3 389 70
				4P	-		-	3 375 06	-	300	3 389 70
	16 modules wide	Vertical	Fixed	3P	-		-	3 375 07	-	300	3 382 71
				4P	-		-	3 375 07	-	300	3 382 71
	24 modules wide	Vertical	Fixed	3P	-		-	3 375 08	-	300	3 382 72
				4P	-		-	3 375 08	-	300	3 382 72
	36 modules wide	Vertical	Fixed	3P	-		-	3 375 09	-	300	3 382 73
				4P	-		-	3 375 09	-	300	3 382 73
DCX-M SIZE 3	24 modules wide	Vertical	Fixed	-	-		-	3 390 64	-	300	3 390 65
DCX-M SIZE 4	24 modules wide	Vertical	Fixed	-	-		-	3 390 66	-	400	3 390 67
DCX-M SIZE 5	24 modules wide	Vertical	Fixed	-	-		-	3 390 68	-	700	3 390 69
DCX-M SIZE 6	36 modules wide	Vertical	Fixed	-	-		-	3 390 70	-	600	3 390 71
SPX³-V	36 modules wide	Horizontal	Fixed	-	-		-	-	3 394 51	800	3 394 54
	24 modules wide	Vertical	Fixed	-	-		-	-	3 394 40 (brackets + faceplate)	800	included
	36 modules wide	Vertical	Fixed	-	-		-	-	3 394 41 (brackets + faceplate)	800	included
DMX-SP SIZE 2500	24 modules wide	Vertical	Fixed	3P / 4P	-		-	3 392 22	-	500	3 392 33
	36 modules wide	Vertical	Fixed	3P / 4P	-		-	3 392 25	-	500	3 392 35
	24 modules wide	Vertical	Draw-out	3P / 4P	-		-	3 392 22	-	500	3 392 43
	36 modules wide	Vertical	Draw-out	3P / 4P	-		-	3 392 25	-	500	3 392 45
DMX-SP SIZE 4000	36 modules wide	Vertical	Fixed	3P / 4P	-		-	3 391 85	-	600	3 392 05
	36 modules wide	Vertical	Draw-out	3P / 4P	-		-	3 391 85	-	600	3 392 05
DMX³ SIZE 1600	16 modules wide	Vertical	Fixed	3P	-		-	3 391 01	-	500	3 391 20
	24 modules wide	Vertical	Fixed	3P / 4P	-		-	3 391 03	-	500	3 391 23
	36 modules wide	Vertical	Fixed	3P / 4P	-		-	3 391 05	-	500	3 391 25
	16 modules wide	Vertical	Draw-out	3P	-		-	3 391 01	-	500	3 391 30
	24 modules wide	Vertical	Draw-out	3P / 4P	-		-	3 391 03	-	500	3 391 33
	36 modules wide	Vertical	Draw-out	3P / 4P	-		-	3 391 05	-	500	3 391 35
DMX³ SIZE 2500	24 modules wide	Vertical	Fixed	3P / 4P	-		-	3 391 43	-	600	3 391 63
	36 modules wide	Vertical	Fixed	3P / 4P	-		-	3 391 45	-	600	3 391 65
	24 modules wide	Vertical	Draw-out	3P / 4P	-		-	3 391 43	-	600	3 391 63
	36 modules wide	Vertical	Draw-out	3P / 4P	-		-	3 391 45	-	600	3 391 65
DMX³ SIZE 4000	36 modules wide	Vertical	Fixed	3P / 4P	-		-	3 391 85	-	600	3 392 05
	36 modules wide	Vertical	Draw-out	3P / 4P	-		-	3 391 85	-	600	3 392 05

Red catalogue numbers: New products

legrand

XL³ S 4000

distribution enclosures and equipment

3 380 05 + 3 382 02 + 3 382 03

3 380 06 + 3 382 03 x 2

3 380 07 + 3 382 03 + 3 382 04

3 380 40

Doors, side or rear panels, supports for faceplates and functional uprights, to be ordered separately (except for corner enclosures).
Enclosures supplied with corner pieces for plinth
Take protection devices up to 4000 A. Used to create assemblies certified IEC 61439-2
IP 30 without door
IP 40 with door; IP 43 with door and sealing kit Cat.No 3 379 51 (p. 355)
External height 2000 or 2200 mm
Capacity 16 modules/row (424 mm wide enclosures), 24 modules/row (574 mm or 800 mm wide enclosures with internal wiring sleeve, 36 modules/row (774 mm wide enclosures)
Usable faceplate height 1800 mm or 2000 mm

Enclosures height 2000 mm

Depth 400 mm

Pack	Cat.Nos	Faceplate height (mm)	Number of modules per row	Width (mm) total	Width (mm) usable
1	3 380 01	1800	16	424	350
1	3 380 02	1800	24	574	500
1	3 380 03	1800	36	774	700

Depth 600 mm

Pack	Cat.Nos	Faceplate height (mm)	Number of modules per row	Width (mm) total	Width (mm) usable
1	3 380 05	1800	16	424	350
1	3 380 06	1800	24	574	500
1	3 380 07	1800	36	774	700

Depth 800 mm

Pack	Cat.Nos	Faceplate height (mm)	Number of modules per row	Width (mm) total	Width (mm) usable
1	3 380 09	1800	16	424	350
1	3 380 10	1800	24	574	500
1	3 380 11	1800	36	774	700

Enclosures height 2200 mm

Depth 400 mm

Pack	Cat.Nos	Faceplate height (mm)	Number of modules per row	Width (mm) total	Width (mm) usable
1	3 380 21	2000	16	424	350
1	3 380 22	2000	24	574	500
1	3 380 23	2000	36	774	700

Depth 600 mm

Pack	Cat.Nos	Faceplate height (mm)	Number of modules per row	Width (mm) total	Width (mm) usable
1	3 380 25	2000	16	424	350
1	3 380 26	2000	24	574	500
1	3 380 27	2000	36	774	700

Depth 800 mm

Pack	Cat.Nos	Faceplate height (mm)	Number of modules per row	Width (mm) total	Width (mm) usable
1	3 380 29	2000	16	424	350
1	3 380 30	2000	24	574	500
1	3 380 31	2000	36	774	700

Corner enclosures

Supplied with side panels, solid door and plinths

Height 2000 mm

Pack	Cat.Nos	For enclosure depth (mm)
1	3 380 40	400
1	3 380 41	600
1	3 380 42	800

Height 2200 mm

Pack	Cat.Nos	For enclosure depth (mm)
1	3 380 50	400
1	3 380 51	600
1	3 380 52	800

External cable sleeves

Fitted on either the right or left of enclosures using joining kits Cat.Nos 3 379 49/50

For enclosures height 2000 mm

Pack	Cat.Nos	Faceplate height (mm)	Width total (mm)	For enclosure depth (mm)
1	3 380 00	1800	350	400
1	3 380 04	1800	350	600
1	3 380 08	1800	350	800

For enclosures height 2200 mm

Pack	Cat.Nos	Faceplate height (mm)	Width total (mm)	For enclosure depth (mm)
1	3 380 20	2000	350	400
1	3 380 24	2000	350	600
1	3 380 28	2000	350	800

Metal doors

Supplied with fixed handle

Height 2000 mm

Pack	Cat.Nos	For enclosures width (mm)
1	3 381 00	350
1	3 381 01	450
1	3 381 02	600
1	3 381 03	800

Height 2200 mm

Pack	Cat.Nos	For enclosures width (mm)
1	3 381 10	350
1	3 381 11	450
1	3 381 12	600
1	3 381 13	800

Glass doors

Supplied with fixed handle

Height 2000 mm

Pack	Cat.Nos	For enclosures width (mm)
1	3 381 20	450
1	3 381 21	600
1	3 381 22	800

Height 2200 mm

Pack	Cat.Nos	For enclosures width (mm)
1	3 381 30	450
1	3 381 31	600
1	3 381 32	800

Replacement handles for doors

Pack	Cat.Nos	
1	3 397 13	For XL³ S 4000
1	3 397 18	Locking handle no. 405 Supplied with a set of 2 keys

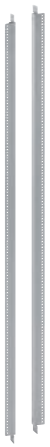
Red catalogue numbers: New products

XL³ S 4000

equipment

3 380 60

3 380 80


3 381 55

3 382 00

3 382 03

Pack	Cat.Nos	Side or rear panels
		Fixed with a 1/4 turn screw
		Height 2000 mm
		Width (mm)
1	3 380 60[1]	200
1	3 380 80	350
1	3 380 61	400
1	3 380 81	450
1	3 380 62	600
1	3 380 63	800
		Height 2200 mm
1	3 380 70[1]	200
1	3 380 90	350
1	3 380 71	400
1	3 380 91	450
1	3 380 72	600
1	3 380 73	800
		Faceplate supports
1	3 381 56	Faceplate supports for enclosure height 2000 mm
1	3 381 58	Faceplate supports for enclosure height 2200 mm
		Crosspieces
		For fixing equipment in horizontal or vertical position To be equipped with fixing plates according to the required configuration
		Side (depth) crosspieces
		Set of 4 crosspieces
1	3 375 17	For enclosures depth 400 mm
1	3 375 18	For enclosures depth 600 mm
1	3 375 19	For enclosures depth 600 mm
		Central (width) crosspieces
		Set of 4 crosspieces
1	3 375 14	For enclosures with 16 modules/row (width)
1	3 375 15	For enclosures with 24 modules/row (width)
1	3 375 16	For enclosures with 36 modules/row (width)
		Side functional uprights
		For fixing equipment in horizontal or vertical position Set of 2 uprights
1	3 381 55	For enclosures height 2000 mm
1	3 381 57	For enclosures height 2200 mm
		Intermediate uprights
1	3 381 46	For enclosures height 2000 mm
1	3 381 47	For enclosures height 2200 mm
		Internal cable sleeve kits
1	3 381 43	For XL³ S 4000 enclosure height 2000 mm
1	3 381 53	For XL³ S 4000 enclosure height 2200 mm

1: Used when joining 2 enclosures of different depths

Pack	Cat.Nos	Plinths for XL³ S 630 and 4000 enclosures
		Height 100 mm
		Corner pieces for plinth
1	3 382 00	Set of 4 corner pieces
		Finishing panel for plinth
		Set of 2 plates
1	3 382 01	For external cable sleeves width 324 mm
1	3 382 06	For enclosures depth 374 mm
1	3 382 02	For enclosures width 424 mm
1	3 382 03	For enclosures width / depth 574 mm
1	3 382 04	For enclosures width / depth 774 mm
		Plinths for corner enclosures
		Kits consisting of screws, corner pieces and finishing panel for plinth Used in addition to the plinth supplied with the enclosure to double the height (200 mm)
1	3 382 10	For corner enclosure 400 x 400 mm
1	3 382 11	For corner enclosure 600 x 600 mm
1	3 382 12	For corner enclosure 800 x 800 mm
		Joining kits
		For connecting two enclosures
1	3 379 50	Joining screws for XL³ S 630 and 4000 enclosures
1	3 379 49	Joining plates for XL³ S 630 and 4000 enclosures (to be used to strengthen joining)
		Seal for IP 43 protection
1	3 379 51	Supplied ready to use for XL³ S 630 and 4000 enclosures
		IP 30 finishing kits
		Set of 2 finishing pieces Allow 1 horizontal kit and 1 vertical kit per enclosure
		Finishing kits - vertical mounting
		For enclosures with faceplate height (mm)
1	3 379 67	1800
1	3 381 80	2000
		Finishing kits - horizontal mounting
		For enclosures with modules/row (width)
1	3 379 72	16 modules
1	3 379 73	24 modules
1	3 379 74	36 modules
1	3 379 71	For cable sleeves

1: Used when joining 2 enclosures of different depths

XL³ S 4000 - equipment for mounting modular devices and DPX³ on a ⊔ rail

3 382 23

4 210 71

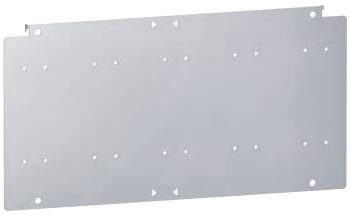
3 382 52

Selection chart **p. 344 to 353**
Installation principle **p. 368**

Pack	Cat.Nos	
		3-position ⊔ rails
		Used for mounting modular devices or DPX³ 160/250 equipped with adaptors for ⊔ rail
1	3 382 20	For 16-module enclosure
1	3 382 23	For 24-module enclosure
1	3 382 26	For 36-module enclosure
		Rail height spacer
1	3 382 40	Used to combine modular devices and DPX³ 160/250 on the same rail
1	3 382 41	Used to combine modular devices and DRX on the same rail
1	3 382 42	Used to combine DRX and DPX³ 160/250 on the same rail
		Fixing plate for ⊔ rail mounting equipment for crosspieces system
1	3 375 13	Used for mounting modular devices on ⊔ rail Can take up to 4 modules To be fixed on the fixing plates for MCCBs
		Adaptors for mounting DPX³ 160 and 250 on a ⊔ rail
		Used to mount DPX³ on a ⊔ rail
1	4 210 71	For DPX³ 160 without side motor-driven handle
1	4 210 73	For DPX³ 160 with e.l.c.b without side motor-driven handle
1	4 210 68	For all DPX³ 160 devices with side motor-driven handle
1	4 210 72	For DPX³ 250 without side motor-driven handle
1	4 210 74	For DPX³ 250 with e.l.c.bs without side motor-driven handle
1	4 210 69	For all DPX³ 250 devices with side motor-driven handle
		Window faceplates
		Fixed with 1/4 turn screws or screws
		Height 150 mm for modular devices
1	3 382 51	For 16-module enclosure
1	3 382 52	For 24-module enclosure
1	3 382 53	For 36-module enclosure
		Height 300 mm for DPX³ 160/250 and DPX-IS 250
1	3 382 71	For 16-module enclosure
1	3 382 72	For 24-module enclosure
1	3 382 73	For 36-module enclosure
		Height 400 mm for DPX³ 250 with e.l.c.b and terminal shield
1	3 382 81	For 16-module enclosure
1	3 382 82	For 24-module enclosure
1	3 382 83	For 36-module enclosure

XL³ S 4000 - equipment for mounting DRX 125 HP and DPX³ 125/160 HP on a plate

3 373 43



3 373 39

3 382 62

Selection chart **p. 344 to 353**
Installation principle **p. 368**

Pack	Cat.Nos	
		Fixing plates for DPX³ 125/160 HP and DRX 125 HP on crosspieces
	3P/4P	**Horizontal mounting**
1	3 373 43	For 24 and 36-module enclosure
		Vertical mounting
1	3 373 38	For 16-module enclosure
	3P / 4P	
1	3 373 39 / 3 373 40	For 24-module enclosure
1	3 373 41 / 3 373 42	For 36-module enclosure
		Faceplates for DPX³ 160/250 and DRX 125 HP/250 HP - horizontal mounting
		Fixed with 1/4 turn screws or screws
		DPX³ 160 and DRX 125 HP, 3P/4P fixed on side uprights or 4P on central upright
	3P/4P	Height: 150 mm
1	3 383 51	For 16-module enclosure
1	3 383 54	For 24-module enclosure
1	3 383 57	For 36-module enclosure
		Window faceplates
		Fixed with 1/4 turn screws or screws
		Height 200 mm for DRX 125 HP and Vistop up to 160 A
1	3 382 61	For 16-module enclosure
1	3 382 62	For 24-module enclosure
1	3 382 63	For 36-module enclosure
		Faceplates for DPX³ 125/160 HP - horizontal mounting
		Fixed with 1/4 turn screws or screws
		Height: 250 mm
	3P / 4P	
1	3 385 50 / 3 385 51	For 16-module enclosure
1	3 385 53 / 3 385 54	For 24-module enclosure
1	3 385 56 / 3 385 57	For 36-module enclosure
		Faceplates for DPX³ 125/160 HP - vertical mounting
		Fixed with 1/4 turn screws or screws
		Height: 250 mm
1	3P/4P 3 385 71	For 16-module enclosure
	3P / 4P	
1	3 385 73 / 3 385 74	For 24-module enclosure
1	3 385 76 / 3 385 77	For 36-module enclosure

Fixing accessories for faceplates **p. 366**

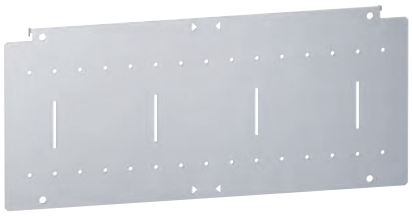
Red catalogue numbers: New products

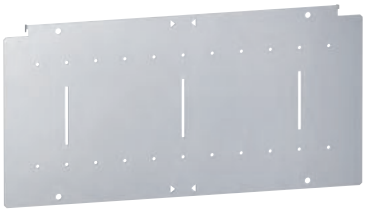
XL³ S 4000

equipment for mounting DPX³ 160/250 on a plate

3 373 27

3 373 37


3 373 23


3 373 33

3 373 29

3 384 54

3 382 72

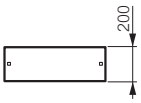
3 383 84

Selection chart **p. 344 to 353**
Installation principle **p. 368**

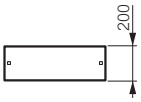
Pack	Cat.Nos	Fixing plates for DPX³ 160/250 horizontal mounting on crosspieces
		For devices with or without e.l.c.b and with or without rotary or motor driven handle
	3P/4P	**DPX³ 160**
1	3 373 27	For 24 or 36-module enclosure
		DPX³ 250
1	3 373 37	For 24 and 36-module enclosure

Pack	Cat.Nos	Fixing plates for DPX³ 160/250 - vertical mounting on crosspieces
		For devices with or without rotary or motor-driven handle
	3P/4P	**DPX³ 160 without e.l.c.b**
1	3 373 21	For 16-module enclosure
1	3 373 23	For 24-module enclosure
1	3 373 25	For 36-module enclosure
	4P	**DPX³ 160 with e.l.c.b**
1	3 373 22	For 16-module enclosure
1	3 373 24	For 24-module enclosure
1	3 373 26	For 36-module enclosure
	3P/4P	**DPX³ 250 without e.l.c.b**
1	3 373 31	For 16-module enclosure
1	3 373 33	For 24-module enclosure
1	3 373 35	For 36-module enclosure
	4P	**DPX³ 250 with e.l.c.b**
1	3 373 32	For 16-module enclosure
1	3 373 34	For 24-module enclosure
1	3 373 36	For 36-module enclosure
		DPX³ 160/250 transfer switch with or without e.l.c.b
	3P/4P	
1	3 373 28	For 24 and 36-module enclosure

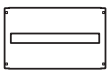
Pack	Cat.Nos	Faceplates for DPX³ 160/250 and DRX 125 HP/250 HP - horizontal mounting
		Fixed with 1/4 turn screws or screws
		DPX³ 160 with or without e.l.c.b and without rotary or motor-driven handle
	3P/4P	Height: 200 mm
1	3 373 29	For 24-module enclosure
1	3 373 30	For 36-module enclosure



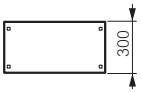
		DPX³ 250 with or without e.l.c.b and without rotary or motor-driven handle
		Height: 200 mm
1	3 384 54	For 24-module enclosure
1	3 384 57	For 36-module enclosure



Pack	Cat.Nos	Faceplates for DPX³ 160/250, DRX 250 HP and DPX-IS 250 - vertical mounting
		Fixed with 1/4 turn screws or screws
	3P/4P	**Height 300 mm**
1	3 382 71	For 16-module enclosure
1	3 382 72	For 24-module enclosure
1	3 382 73	For 36-module enclosure



		DPX³ 160/250 with or without e.l.c.b and with rotary handle
		Height: 300 mm
1	3 383 83	For 16-module enclosure
1	3 383 84	For 24-module enclosure
1	3 383 85	For 36-module enclosure



Fixing accessories for faceplates **p. 366**

Fixing plates for DRX 250 HP **p. 358**

Red catalogue numbers: New products

XL³ S 4000

equipment for mounting DRX/DPX³ 250 HP on a plate

3 373 54

3 373 50

3 373 45

3 373 52

3 373 63

3 373 59

3 386 77

Selection chart **p. 344 to 353**
Installation principle **p. 368**

Pack	Cat.Nos	Fixing plates for DRX/DPX³ 250 HP - horizontal mounting on crosspieces
		For devices with or without e.l.c.b and with or without rotary or motor driven handle
	3P/4P	**DRX/DPX³ 250 HP fixed version**
1	3 373 52	For 24 and 36-module enclosure
		DPX³ 250 HP plug-in version
1	3 373 55	For 24 and 36-module enclosure
		DPX³ 250 HP plug-in or draw-out version
1	3 373 48	For 16-module enclosure: DPX³ 250 HP plug-in or draw-out version For 24 and 36-module enclosure: DPX³ 250 HP draw-out version
		DPX³ 250 HP transfer switch, fixed version
1	3 373 53	For 24 and 36-module enclosure
		DPX³ 250 HP transfer switch, draw-out version
1	3 373 54	For 24-module enclosure

Pack	Cat.Nos	Fixing plates for DRX/DPX³ 250 HP - vertical mounting on crosspieces
		For devices with or without e.l.c.b and with or without rotary or motor driven handle
	3P/4P	**DRX/DPX³ 250 HP fixed version**
1	3 373 44	For 16-module enclosure
1	3 373 45	For 24-module enclosure
1	3 373 46	For 36-module enclosure
		DPX³ 250 HP, plug-in version
1	3 373 50	For 24-module enclosure
1	3 373 51	For 36-module enclosure
		DPX³ 250 HP, plug-in or draw-out version
1	3 373 48	For 16-module enclosure: DPX³ 250 HP plug-in or draw-out version For 24-module enclosure: DPX³ 250 HP draw-out version
		DPX³ 250 HP alone or transfer switch, draw-out version
1	3 373 49	For 36-module enclosure
		DPX³ 250 HP transfer switch, fixed version
1	3 373 47	For 24 and 36-module enclosure

Faceplates for DRX 250 HP **p. 357**

Pack	Cat.Nos	Faceplates for DPX³ 250 HP - horizontal mounting on crosspieces
		Fixed with 1/4 turn screws or screws For devices with or without e.l.c.b and with or without rotary or motor driven handle
		DPX³ 250 HP fixed version
	3P/4P	Height: 200 mm
1	3 386 54	For 24-module enclosure
1	3 386 57	For 36-module enclosure
		DPX³ 250 HP plug-in version
		Height: 200 mm
1	3 373 63	For 24-module enclosure
1	3 373 64	For 36-module enclosure
		DPX³ 250 HP draw-out version
		Height: 600 mm
1	3 373 66	For 24-module enclosure
1	3 373 67	For 36-module enclosure
		DPX³ 250 HP transfer switch, fixed version
		Height: 400 mm
1	3 373 61	For 24-module enclosure
1	3 373 62	For 36-module enclosure
		DPX³ 250 HP transfer switch, draw-out version
		Height: 600 mm
1	3 373 65	For 24-module enclosure

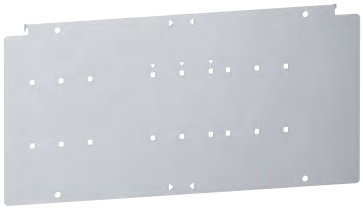
Pack	Cat.Nos	Faceplates for DPX³ 250 HP - vertical mounting on crosspieces
		Fixed with 1/4 turn screws or screws For devices with or without e.l.c.b and with or without rotary or motor driven handle
		DPX³ 250 HP fixed or plug-in version
	3P/4P	Height: 300 mm
1	3 386 71	For 16-module enclosure
1	3 386 74	For 24-module enclosure
1	3 386 77	For 36-module enclosure
		DPX³ 250 HP, draw-out version
		Height: 400 mm
1	3 373 58	For 16-module enclosure
1	3 373 59	For 24-module enclosure
		DPX³ 250 HP alone, draw-out version and transfer switch, draw-out version
		Height: 400 mm
1	3 373 60	For 36-module enclosure
		DPX³ 250 HP transfer switch, fixed version
		Height: 300 mm
1	3 373 56	For 24-module enclosure
1	3 373 57	For 36-module enclosure

Red catalogue numbers: New products

XL³ S 4000

equipment for mounting DPX-IS 250 on a plate

3 374 87

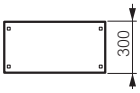

3 374 86

3 389 42

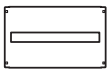
3 382 72

Selection chart **p. 344 to 353**
Installation principle **p. 368**

Pack	Cat.Nos	
		Fixing plates for DPX-IS 250 - horizontal mounting on crosspieces
	3P/4P	
1	3 374 87	For 24 and 36-module enclosure
		Fixing plates for DPX-IS 250 - vertical mounting on crosspieces
	3P/4P	
1	3 374 85	For 16-module enclosure
1	3 374 86	For 24 and 36-module enclosure
		Faceplates for DPX-IS 250 - horizontal mounting on crosspieces
		Fixed with 1/4 turn screws or screws
		Height: 300 mm
	3P/4P	
1	3 389 42	For 24-module enclosure
1	3 389 44	For 36-module enclosure



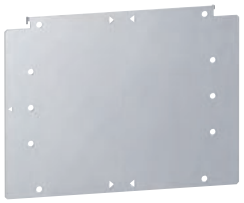
		Faceplates for DPX-IS 250 - vertical mounting on crosspieces
		Fixed with 1/4 turn screws or screws
	3P/4P	**Height 300 mm**
1	3 382 71	For 16-module enclosure
1	3 382 72	For 24-module enclosure
1	3 382 73	For 36-module enclosure



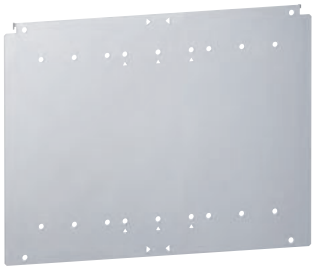
Fixing accessories for faceplates **p. 366**

XL³ S 4000 - equipment for mounting

DPX³ 630 and DRX 630 on a plate


3 373 81

3 373 84


3 373 69

3 373 75

Selection chart **p. 344 to 353**
Installation principle **p. 368**

Pack	Cat.Nos	
		Fixing plates for DPX³ 630 and DRX 630 - horizontal mounting on crosspieces
		For devices with or without rotary or motor driven handle
	3P/4P	**DRX/DPX³ 630 without e.l.c.b, fixed version**
1	3 373 81	For 24 and 36-module enclosure
	4P	**DPX³ 630 with e.l.c.b, fixed version**
1	3 373 82	For 36-module enclosure
	3P/4P	**DPX³ 630 without e.l.c.b, plug-in version**
1	3 373 84	For 24 and 36-module enclosure
	4P	**DPX³ 630 with e.l.c.b, plug-in version**
1	3 373 85	For 36-module enclosure
	3P/4P	**DPX³ 630 without e.l.c.b, draw-out version**
1	3 373 86	For 24 and 36-module enclosure
	4P	**DPX³ 630 with e.l.c.b, draw-out version**
1	3 373 87	For 36-module enclosure
	3P/4P	**DPX³ 630 transfer switch, fixed version,**
1	3 373 83	For 24-module enclosure
	4P	**DPX³ 630 transfer switch, draw-out version,**
1	3 373 88	For 24-module enclosure
		Fixing plates for DPX³ 630 and DRX 630 - vertical mounting on crosspieces
		For devices with or without rotary or motor driven handle
	3P/4P	**DRX/DPX³ 630 without e.l.c.b, fixed version**
1	3 373 68	For 16-module enclosure
1	3 373 69	For 24-module enclosure
1	3 373 70	For 36-module enclosure
	4P	**DPX³ 630 with e.l.c.b, fixed version**
1	3 373 71	For 16-module enclosure
1	3 373 72	For 24-module enclosure
1	3 373 73	For 36-module enclosure
	3P/4P	**DPX³ 630 transfer switch, fixed version,**
1	3 373 74	For 24 and 36-module enclosure
		DPX³ 630 without e.l.c.b, plug-in / draw-out version
1	3 373 75	For 16 and 24-module enclosure
	4P	**DPX³ 630 with e.l.c.b, plug-in / draw-out version**
1	3 373 76	For 16 and 24-module enclosure
	3P/4P	**DPX³ 630 without e.l.c.b, plug-in version**
1	3 373 79	For 36-module enclosure
	4P	**DPX³ 630 with e.l.c.b, plug-in version**
1	3 373 80	For 36-module enclosure
	3P/4P	**DPX³ 630 without e.l.c.b draw-out version**
1	3 373 77	For 36-module enclosure
	4P	**DPX³ 630 with e.l.c.b, draw-out version**
1	3 373 78	For 36-module enclosure

Red catalogue numbers: New products

equipment for mounting DPX³ 630 and DRX 630 on a plate (continued)

3 374 58

3 374 65

3 387 74

3 374 54

3 374 44

Selection chart **p. 344 to 353**
Installation principle **p. 368**

Faceplates for DPX³ 630 and DRX 630 - horizontal mounting on crosspieces

Fixed with 1/4 turn screws or screws

Pack	Cat.Nos	
		DRX/DPX³ 630 without e.l.c.b, with or without rotary or motor driven handle, fixed version
	3P/4P	Height: 300 mm
1	3 374 58	For 24-module enclosure
1	3 374 59	For 36-module enclosure
		DPX³ 630 with e.l.c.b, with or without rotary or motor driven handle, fixed version,
	4P	Height: 300 mm
1	3 374 60	For 36-module enclosure
		DPX³ 630 without e.l.c.b, with or without rotary or motor driven handle, plug-in version
	3P/4P	Height: 300 mm
1	3 374 62	For 24-module enclosure
1	3 374 63	For 36-module enclosure
		DPX³ 630 with e.l.c.b, with or without rotary or motor driven handle, plug-in version
	4P	Height: 300 mm
1	3 374 64	For 36-module enclosure
		DPX³ 630 without e.l.c.b, with or without rotary handle, draw-out version
	3P/4P	Height: 300 mm
1	3 374 65	For 24-module enclosure
1	3 374 67	For 36-module enclosure
		DPX³ 630 with e.l.c.b, with or without rotary handle, draw-out version
	4P	Height: 300 mm
1	3 374 69	For 36-module enclosure
		DPX³ 630 without e.l.c.b, with motor-driven handle, draw-out version
	3P/4P	Height: 300 mm
1	3 374 66	For 24-module enclosure
1	3 374 68	For 36-module enclosure
		DPX³ 630 with e.l.c.b, with motor-driven handle, draw-out version,
	4P	Height: 300 mm
1	3 374 70	For 36-module enclosure
		DPX³ 630 transfer switch, fixed version
	3P/4P	Height: 600 mm
1	3 374 61	For 24-module enclosure
		DPX³ 630 transfer switch, draw-out version,
	3P/4P	Height: 600 mm
1	3 374 71	For 24-module enclosure

Faceplates for DPX³ 630 and DRX 630 - vertical mounting on crosspieces

Fixed with 1/4 turn screws or screws

Pack	Cat.Nos	
		DRX/DPX³ 630 without e.l.c.b, with or without rotary or motor-driven handle, fixed version
	3P/4P	Height: 400 mm
1	3 387 70	For 16-module enclosure
1	3 387 74	For 24-module enclosure
1	3 387 77	For 36-module enclosure
		DPX³ 630 with e.l.c.b, with or without rotary or motor-driven handle, fixed version
	4P	Height: 600 mm
1	3 387 71	For 16-module enclosure
1	3 387 75	For 24-module enclosure
1	3 387 78	For 36-module enclosure
		DRX/DPX³ 630 without e.l.c.b, with rotary or motor-driven handle, fixed version
	3P/4P	Height: 400 mm
1	3 383 92	For 16-module enclosure
1	3 383 93	For 24-module enclosure
1	3 383 94	For 36-module enclosure
		DPX³ 630 without e.l.c.b, with or without rotary or motor-driven handle, plug-in version
	3P/4P	Height: 400 mm
1	3 374 52	For 16-module enclosure
1	3 374 54	For 24-module enclosure
	3 374 56	For 36-module enclosure
		DPX³ 630 with e.l.c.b, with or without rotary or motor-driven handle, plug-in version
	4P	Height: 600 mm
1	3 374 53	For 16-module enclosure
1	3 374 55	For 24-module enclosure
1	3 374 57	For 36-module enclosure
		DPX³ 630 without e.l.c.b, with or without rotary handle, draw-out version
	3P/4P	Height: 400 mm
1	3 374 41	For 16-module enclosure
1	3 374 44	For 24-module enclosure
1	3 374 48	For 36-module enclosure
		DPX³ 630 with e.l.c.b, with or without rotary or motor-driven handle, draw-out version
	4P	Height: 600 mm
1	3 374 43	For 16-module enclosure
1	3 374 46	For 24-module enclosure
1	3 374 50	For 36-module enclosure
		DPX³ 630 without e.l.c.b, with motor-driven handle, draw-out version
	3P/4P	Height: 400 mm
1	3 374 42	For 16-module enclosure
1	3 374 45	For 24-module enclosure
1	3 374 49	For 36-module enclosure

Red catalogue numbers: New products

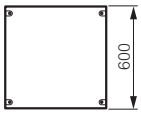
XL³ S 4000 - equipment for mounting
DPX³ 630 and DRX 630 on a plate (continued)

3 374 47

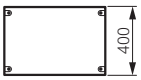
3 384 84

Selection chart **p. 344 to 353**
Installation principle **p. 368**

Pack	Cat.Nos	Faceplates for DPX³ 630 and DRX 630 - vertical mounting on crosspieces (continued)
		Fixed with 1/4 turn screws or screws
		DPX³ 630 with e.l.c.b, with motor-driven handle, draw-out version
	4P	Height: 600 mm
1	3 374 47	For 24-module enclosure
1	3 374 51	For 36-module enclosure



		DPX³ 630 transfer switch, fixed version
	3P/4P	Height: 400 mm
1	3 384 84	For 24-module enclosure
1	3 384 85	For 36-module enclosure



XL³ S 4000
equipment for mounting DPX-IS 630 on a plate

3 374 90

3 374 88

3 390 41

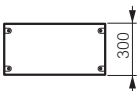
3 390 50

Selection chart **p. 344 to 353**
Installation principle **p. 368**

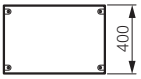
Pack	Cat.Nos	Fixing plates for DPX-IS 630 - horizontal mounting on crosspieces
	3P/4P	
1	3 374 90	For 24 and 36-module enclosure

		Fixing plates for DPX-IS 630 - vertical mounting on crosspieces
	3P/4P	
1	3 374 88	For 16-module enclosure
1	3 374 89	For 24 and 36-module enclosure

		Faceplates for DPX-IS 630 - horizontal mounting on crosspieces
		Fixed with 1/4 turn screws or screws
	3P/4P	Height: 300 mm
1	3 390 41	For 24-module enclosure
1	3 390 43	For 36-module enclosure



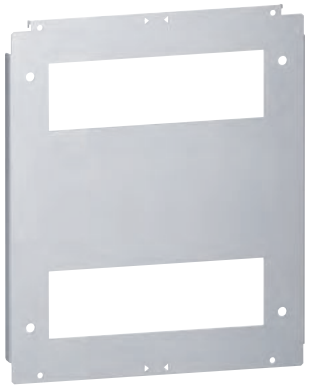
		Faceplates for DPX-IS 630 - vertical mounting on crosspieces
		Fixed with 1/4 turn screws or screws
	3P/4P	Height: 400 mm
1	3 390 50	For 16-module enclosure
1	3 390 52	For 24-module enclosure
1	3 390 54	For 36-module enclosure



XL³ S 4000

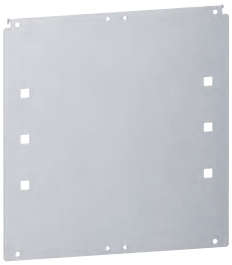
equipment for mounting DPX³ 1600 and DPX-IS 1600 on a plate

3 374 76


3 374 74

3 374 81

3 374 77


3 374 75

3 374 73

Selection chart **p. 344 to 353**
Installation principle **p. 368**

Pack	Cat.Nos	Fixing plates for DPX³ 1600 and DPX-IS 1600 - horizontal mounting on crosspieces
		For devices with or without rotary or motor driven handle
	3P/4P	**DPX³ 1600 and DPX³-IS 1600, fixed version**
1	3 374 75	For 24 and 36-module enclosure
		DPX³ 1600 and DPX³-IS 1600, draw-out version
1	3 374 76	For 24 and 36-module enclosure

Pack	Cat.Nos	Fixing plates for DPX³ 1600 and DPX-IS 1600 - vertical mounting on crosspieces
		For devices with or without rotary or motor driven handle
	3P	**DPX³ 1600 and DPX³-IS 1600, fixed version**
1	3 374 72	For 16-module enclosure
	3P/4P	
1	3 374 73	For 24 and 36-module enclosure
		DPX³ 1600 and DPX³-IS 1600, draw-out version
1	3 374 74	For 24 and 36-module enclosure

Pack	Cat.Nos	Faceplates for DPX³ 1600 - horizontal mounting on crosspieces
		Fixed with 1/4 turn screws or screws
		DPX³ 1600 with or without rotary or motor driven handle, fixed version
	3P/4P	Height: 400 mm
1	3 388 42	For 24-module enclosure
1	3 388 44	For 36-module enclosure
		DPX³ 1600 without rotary or motor-driven handle, draw-out version
		Height: 600 mm
1	3 374 81	For 24-module enclosure
1	3 374 83	For 36-module enclosure
		DPX³ 1600 with rotary or motor-driven handle, draw-out version
		Height: 600 mm
1	3 374 82	For 24-module enclosure
1	3 374 84	For 36-module enclosure

Pack	Cat.Nos	Faceplates for DPX³ 1600 - vertical mounting on crosspieces
		Fixed with 1/4 turn screws or screws
		DPX³ 1600 with or without rotary or motor-driven handle, fixed version,
	3P	Height: 350 mm
1	3 388 50	For 16-module enclosure
	3P/4P	
1	3 388 52	For 24-module enclosure
1	3 388 54	For 36-module enclosure
		DPX³ 1600 without rotary or motor-driven handle, draw-out version
		Height: 600 mm
1	3 374 77	For 24-module enclosure
1	3 374 79	For 36-module enclosure
		DPX³ 1600 with rotary or motor-driven handle, draw-out version
		Height: 600 mm
1	3 374 78	For 24-module enclosure
1	3 374 80	For 36-module enclosure

Pack	Cat.Nos	Faceplates for DPX-IS 1600 - horizontal mounting on crosspieces
		Fixed with 1/4 turn screws or screws
		DPX³-IS 1600 fixed version
	3P/4P	Height: 400 mm
1	3 388 62	For 24-module enclosure

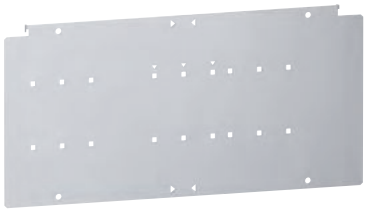
Pack	Cat.Nos	Faceplates for DPX-IS 1600 - vertical mounting on crosspieces
		Fixed with 1/4 turn screws or screws
		DPX³-IS 1600 fixed version
	3P	Height: 350 mm
1	3 374 91	For 16-module enclosure
	3P/4P	
1	3 374 92	For 24-module enclosure
1	3 374 93	For 36-module enclosure

Red catalogue numbers: New products

XL³ S 4000

equipment for mounting DSX switch diconnectors and transfer switching equipment on plate

3 374 94


3 374 96

3 389 64

3 382 72

Selection chart **p. 344 to 353**
Installation principle **p. 368**

Fixing plates for DSX switch disconnectors - horizontal mounting on crosspieces

Pack	Cat.Nos	
	3P/4P	**For DSX switch disconnectors frame 1 - up to 160 A**
1	3 374 94	For 24-module enclosure
		For DSX switch disconnectors frame 2 - up to 320 A
1	3 374 98	For 24-module enclosure

Fixing plates for DSX switch disconnectors - vertical mounting on crosspieces

Pack	Cat.Nos	
	3P/4P	**For DSX switch disconnectors frame 1 - up to 160 A**
1	3 374 95	For 16-module enclosure
1	3 374 96	For 24-module enclosure
1	3 374 97	For 36-module enclosure
		For DSX switch disconnectors frame 2 - up to 320 A
1	3 374 99	For 16-module enclosure
1	3 375 00	For 24-module enclosure
1	3 375 01	For 36-module enclosure

Fixing plates for DSX transfer switching equipment - horizontal mounting on crosspieces

Pack	Cat.Nos	
	3P/4P	**For DSX transfer switching equipment frame 1 - up to 160 A**
1	3 375 02	For 24-module enclosure
		For DSX transfer switching equipment frame 2 - up to 320 A
1	3 375 06	For 24-module enclosure

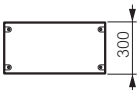
Fixing plates for DSX transfer switching equipment - vertical mounting on crosspieces

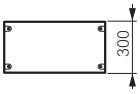
Pack	Cat.Nos	
	3P/4P	**For DSX transfer switching equipment frame 1 - up to 160 A**
1	3 375 03	For 16-module enclosure
1	3 375 04	For 24-module enclosure
1	3 375 05	For 36-module enclosure
		For DSX transfer switching equipment frame 2 - up to 320 A
1	3 375 07	For 16-module enclosure
1	3 375 08	For 24-module enclosure
1	3 375 09	For 36-module enclosure

Faceplates for DSX switch disconnectors and transfer switching equipment - horizontal mounting on crosspieces

Fixed with 1/4 turn screws or screws

Pack	Cat.Nos	
		For DSX frame 1 - up to 160 A
	3P/4P	Height: 300 mm
1	3 389 64	For 24-module enclosure
		For DSX frame 2 - up to 320 A
		Height: 300 mm
1	3 389 70	For 24-module enclosure

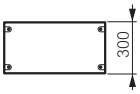




Faceplates for DSX switch disconnectors and transfer switching equipment- vertical mounting on crosspieces

Fixed with 1/4 turn screws or screws
Height: 300 mm

Pack	Cat.Nos	
		For DSX frame 1 and frame 2 - up to 320 A
	3P/4P	Height: 300 mm
1	3 382 71	For 16-module enclosure
1	3 382 72	For 24-module enclosure
1	3 382 73	For 36-module enclosure



Red catalogue numbers: New products

XL³ S 4000

equipment for mounting DCX-M on a plate

3 390 66

3 390 67

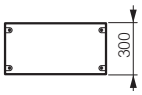
Selection chart **p. 344 to 353**
Installation principle **p. 368**

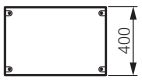
Pack	Cat.Nos	Fixing plates for DCX-M - vertical mounting
1	3 390 64	**For DCX-M size 3 - up to 400 A** For 24-module enclosure
1	3 390 66	**For DCX-M size 4 - up to 800 A** For 24-module enclosure
1	3 390 68	**For DCX-M size 5 - up to 1250 A** For 24-module enclosure
1	3 390 70	**For DCX-M size 6 - up to 1600 A** For 36-module enclosure

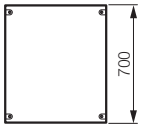
Faceplates for DCX-M - vertical mounting

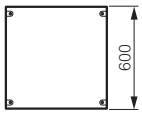
Fixed with 1/4 turn screws or screws

1	3 390 65	**For DCX-M size 3 - up to 400 A** Height: 300 mm For 24-module enclosure
1	3 390 67	**For DCX-M size 4 - up to 800 A** Height: 400 mm For 24-module enclosure
1	3 390 69	**For DCX-M size 5 - up to 1250 A** Height: 700 mm For 24-module enclosure
1	3 390 71	**For DCX-M size 6 - up to 1600 A** Height: 600 mm For 36-module enclosure









XL³ S 4000

equipment for mounting SPX³-V on a busbar

3 394 40

3 394 42

Selection chart **p. 344 to 353**
Installation principle **p. 368**

Pack	Cat.Nos	Fixing brackets for SPX³-V - insulating supports - horizontal mounting
1	3 394 51	For fixing insulating supports Cat.No 6 058 80 for SPX³-V on a busbar and a faceplate For SPX³-V - horizontal mounting

Faceplates for SPX³-V - horizontal mounting

Fixed with 1/4 turn screws or screws

1	3 394 54	**For SPX³-V - horizontal mounting** Height: 800 For 36-module enclosure

Fixing kits for SPX³-V - vertical mounting

Fixing kits containing: a set of 2 fixing brackets for fixing insulating supports Cat.No 6 058 80 for SPX³-V on a busbar and a faceplate
Height: 800 mm

1	3 394 40	For 24-module enclosure
1	3 394 41	For 36-module enclosure

Blanking plate for SPX³-V faceplate

1	3 394 42	For SPX³-V faceplate

Red catalogue numbers: New products

XL³ S 4000

equipment for mounting DMX³ and DMX-SP on a plate

3 391 43

3 391 63

3 391 85

3 392 05

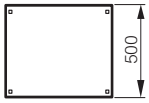
3 392 22

3 392 33

Selection chart **p. 344 to 353**
Installation principle **p. 3687**

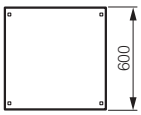
Pack	Cat.Nos	Fixing plates for DMX³ size 1600
	3P/4P	**Fixed or draw-out version**
1	3 391 01	For 16-module enclosure
1	3 391 03	For 24-module enclosure
1	3 391 05	For 36-module enclosure

Pack	Cat.Nos	Faceplates for DMX³ size 1600
		Fixed with 1/4 turn screws or screws
		Fixed version
	3P	Height: 500 mm
1	3 391 20	For 16-module enclosure
	3P/4P	
1	3 391 23	For 24-module enclosure
1	3 391 25	For 36-module enclosure
		Draw-out version
	3P	Height: 500 mm
1	3 391 30	For 16-module enclosure
	3P/4P	
1	3 391 33	For 24-module enclosure
1	3 391 35	For 36-module enclosure



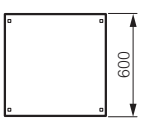
Pack	Cat.Nos	Fixing plates for DMX³ size 2500
	3P/4P	**Fixed and draw-out version**
1	3 391 43	For 24-module enclosure
1	3 391 45	For 36-module enclosure

Pack	Cat.Nos	Faceplates for DMX³ size 2500
		Fixed with 1/4 turn screws or screws
	3P/4P	**Fixed and draw-out version**
		Height: 600 mm
1	3 391 63	For 24-module enclosure
1	3 391 65	For 36-module enclosure



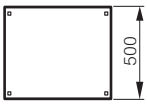
Pack	Cat.Nos	Fixing plates for DMX³ and DMX-SP size 4000
	3P/4P	**Fixed and draw-out version**
1	3 391 85	For 36-module enclosure

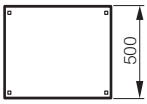
Pack	Cat.Nos	Faceplates for DMX³ and DMX-SP size 4000
		Fixed with 1/4 turn screws or screws
		Fixed and draw-out version
	3P/4P	Height: 600 mm
1	3 392 05	For 36-module enclosure



Pack	Cat.Nos	Fixing plates for DMX-SP size 2500
	3P/4P	**Fixed and draw-out version**
1	3 392 22	For 24-module enclosure
1	3 392 25	For 36-module enclosure

Pack	Cat.Nos	Faceplates for DMX-SP size 2500
		Fixed with 1/4 turn screws or screws
		Fixed version
	3P/4P	Height: 500 mm
1	3 392 33	For 24-module enclosure
1	3 392 35	For 36-module enclosure
		Draw-out version
		Height: 500 mm
1	3 392 43	For 24-module enclosure
1	3 392 45	For 36-module enclosure



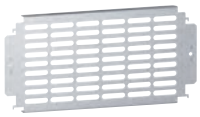


Red catalogue numbers: New products

XL³ S 4000

universal accessories and mounting plates

3 395 40



3 395 60

Pack	Cat.Nos	Solid universal plates
		For 16-module enclosures
		Height (mm)
1	3 395 40	200
1	3 395 41	300
1	3 395 42	400
1	3 395 43	600
		For 24-module enclosures
1	3 395 44	200
1	3 395 45	300
1	3 395 46	400
1	3 395 47	600
		For 36-module enclosures
1	3 395 48	200
1	3 395 49	300
1	3 395 50	400
1	3 395 51	600

		Perforated universal plates
		For 16-module enclosures
		Height (mm)
1	3 395 60	200
1	3 395 61	300
1	3 395 62	400
1	3 395 63	600
		For 24-module enclosures
1	3 395 64	200
1	3 395 65	300
1	3 395 66	400
1	3 395 67	600
		For 36-module enclosures
1	3 395 68	200
1	3 395 69	300
1	3 395 70	400
1	3 395 71	600

		Universal support for cable sleeve
1	3 397 51	Vertical sloping support for cable sleeve

		Full-height solid mounting plates		
		For installation in XL³ S 4000 enclosures		
		For enclosures		
		Height (mm)	Width (mm)	
1	3 381 70	2000	600	
1	3 381 71	2000	800	
1	3 381 72	2200	600	
1	3 381 73	2200	800	

		Intermediate plate
1	3 381 74	For installation in XL³ S 4000 enclosures For enclosures height 2200 mm Can be cut to height 2000 mm

XL³ S 4000

solid faceplates and fixing accessories for faceplates

3 395 88

3 395 85

3 390 80

Pack	Cat.Nos	Full-height solid metal faceplates			
		Fixed with 1/4 turn screws or screws			
		Faceplate total height (mm)	Faceplate usable height (mm)	Faceplate total width (mm)	Faceplate usable width (mm)
1	3 378 96	2000	1800	350	343
1	3 381 50	2200	2000	350	343

		Solid metal faceplates		
		Fixed with 1/4 turn screws or screws		
		Height 50 mm		
		For enclosures (modules)	Faceplate usable height (mm)	
1	3 395 92	16	49	
1	3 395 95	24	49	
1	3 395 98	36	49	
		Height 100 mm		
1	3 395 93	16	99	
1	3 395 96	24	99	
1	3 395 99	36	99	
		Height 150 mm		
1	3 395 94	16	149	
1	3 395 97	24	149	
1	3 396 00	36	149	
		Height 200 mm		
1	3 395 80	16	199	
1	3 395 84	24	199	
1	3 395 88	36	199	
		Height 300 mm		
1	3 395 81	16	299	
1	3 395 85	24	299	
1	3 395 89	36	299	
		Height 400 mm		
1	3 395 82	16	399	
1	3 395 86	24	399	
1	3 395 90	36	399	
		Height 600 mm		
1	3 395 83	16	599	
1	3 395 87	24	599	
1	3 395 91	36	599	

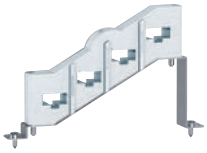
		Perforated plates for ventilation
		Fixed with 1/4 turn screws or screws
		Height 150 mm
1	3 390 80	For 16-module enclosure
1	3 390 81	For 24-module enclosure
1	3 390 82	For 36-module enclosure
		Height 200 mm
1	3 390 83	For 16-module enclosure
1	3 390 84	For 24-module enclosure
1	3 390 85	For 36-module enclosure

		Fixing accessories for faceplates
1	3 397 01	Set of 100 1/4 turn screws
1	3 397 02	Set of 100 screws

Red catalogue numbers: New products

XL³ S 4000

busbar supports and accessories


3 399 02

3 399 20 + 3 399 36

3 399 29 for enclosure depth 600 mm

0 205 82

3 399 04

3 399 20 + 3 399 40

3 399 29 for enclosure depth 800 mm

0 373 01

Busbar supports selection chart **p. 370 to 375**

Pack	Cat.Nos	Busbar supports
		For copper busbars ≤ 400 A
1	3 399 00	Insulating support for flat copper bars 18 x 4, 25 x 4, 25 x 5 and 32 x 5 mm in staggered position
1	3 399 01	Insulating support for flat copper bars18 x 4, 25 x 4 and 32 x 5 mm in aligned position Can be fixed on the enclosure functional uprights with the help of crosspieces Cat.Nos 3 379 81/82 (to be ordered separately) (p. 342)
		For aluminium busbars ≤ 630 A Compatible with C-section aluminium bars Cat.Nos 4 044 30/31/32 (p. 375)
1	3 399 02	Insulating support for aluminium bars in staggered position
1	3 399 03	Insulating lug support for aluminium bars in staggered position
1	3 399 04	Insulating support for aluminium bars in aligned position. Can be fixed on the enclosure functional uprights with the help of crosspieces Cat.Nos 3 379 81/82 (to be ordered separately) (p. 342)
1	3 399 05	Insulating lug support for aluminium bars in aligned position. Can be fixed on the enclosure functional uprights with the help of crosspieces Cat.Nos 3 379 81/82 (to be ordered separately) (p. 342)
		For copper busbars ≤ 800 A
1	3 399 06	Insulating support for flat copper busbars 18 x 4, 25 x 5, 32 x 5, 50 x 5 and 63 x 5 mm in sloping position
		For aluminium busbars ≤ 1600 A Compatible with C-section aluminium bars Cat.Nos 0 373 54/55/56/57/58 (p. 358) in staggered position. Fixing centres: 75 mm
1	3 399 31	Length: 300 mm (for enclosure depth 400 mm)
1	3 399 32	Length: 500 mm (for enclosure depth 600 mm)
1	3 399 33	Length: 700 mm (for enclosure depth 800 mm)
		For copper/aluminium busbars ≤ 3200 A Compatible with C-section aluminium bars Cat.Nos 0 373 54/55/56/57/58 (p. 358) To be equipped with the kits for busbar supports Cat.Nos 3 399 24/36/37/38/39/40 according to the busbar dimensions and type
1	3 399 20	For copper/aluminium busbars in aligned position. Fixing centres: 75 mm For enclosures depth/width: 400/450 mm
1	3 399 21	For copper/aluminium busbars in aligned position. Fixing centres: 75 mm For enclosures depth/width: 600 mm
1	3 399 22	For copper/aluminium busbars in aligned position. Fixing centres: 75 mm For enclosures depth/width: 800 mm
1	3 399 23	Additional support for copper/aluminium busbars. Fixing centres: 75 mm. Mounted in addition to fixed supports Cat.Nos 3 399 20/21/22 to comply with clearance distances (Isc withstand)
1	3 399 25	For aluminium busbars in aligned position. Fixing centres: 125 mm. For enclosures depth/width: 600 mm
1	3 399 26	For aluminium busbars in aligned position. Fixing centres: 125 mm. For enclosures depth/width: 800 mm
1	3 399 27	Additional support for aluminium busbars Fixing centres: 125 mm. Mounted in addition to fixed supports Cat.Nos 3 399 25/26 to comply with clearance distances (Isc withstand)
		For copper busbars ≤ 4000 A
1	3 399 29	For copper busbars in aligned position Fixing centres: 125 mm For enclosures depth: 600/800 mm
1	3 399 30	Additional support for copper busbars in aligned position. Fixing centres: 125 mm. Mounted in addition to fixed supports Cat.No 3 399 29 to comply with clearance distances (Isc withstand)

Pack	Cat.Nos	Kits for busbar supports
		Used to make aluminium busbars with supports Cat.Nos. 3 399 25/26/27 and either copper or aluminium busbars with supports Cat.Nos 3 399 20/21/22/23
1	3 399 36	For flat copper bars Bar thickness: 5 mm; bar height: up to 63 mm
1	3 399 37	For flat copper bars Bar thickness: 5 mm; bar height: from 75 to 125 mm
1	3 399 38	For flat copper bars Bar thickness: 10 mm; bar height: up to 60 mm
1	3 399 39	For flat copper bars Bar thickness: 10 mm; bar height: from 80 to 120 mm
1	3 399 40	For aluminium C-section bars (1600 A max.) Supplied with accessories to transform busbar support into lug support
1	3 399 24	For double aluminium C-section bars (3200 A max.) Supplied with accessories to transform busbar support into lug support
		Crosspieces
1	3 397 30	For external cable sleeves width: 350 mm
1	3 397 31	For 16-module enclosure or width: 450 mm
1	3 397 34	For enclosure depth: 400 mm
1	3 397 35	For 24-module enclosure or depth 600 mm
1	3 397 36	For 36-module enclosure or depth 800 mm
		Plate for 630 A aluminium busbar
1	0 373 84	Connection plate for aluminium busbar
		Earthing bar supports
1	3 397 21	For XL³ S 630 and 4000 enclosures
		Connection of protective conductors
		Additional brass bar For protective conductor. Fits onto functional uprights using the lugs supplied
1	0 373 01	For 24-module width enclosure
1	3 397 57	For 36-module width enclosure
		Equipotential link conductor
1	3 397 53	Length 350 mm. Cross-section 6 mm²
		White RAL 9003 blanking plates
20	0 016 60	5 modules, separable into modules or half-modules
20	3 397 54	24 modules, untapped blanking panel which can be cut as required
		Clip-on holders for self-adhesive labels
10	3 397 55	24 modules
10	3 397 56	36 modules
		Fixing supports for Lina 25 ducting
1	3 397 58	Set of 2 supports Fits directly onto functional uprights
		Lifting rings
1	0 205 82	Set of 4 Maximum load of 340 kg per ring

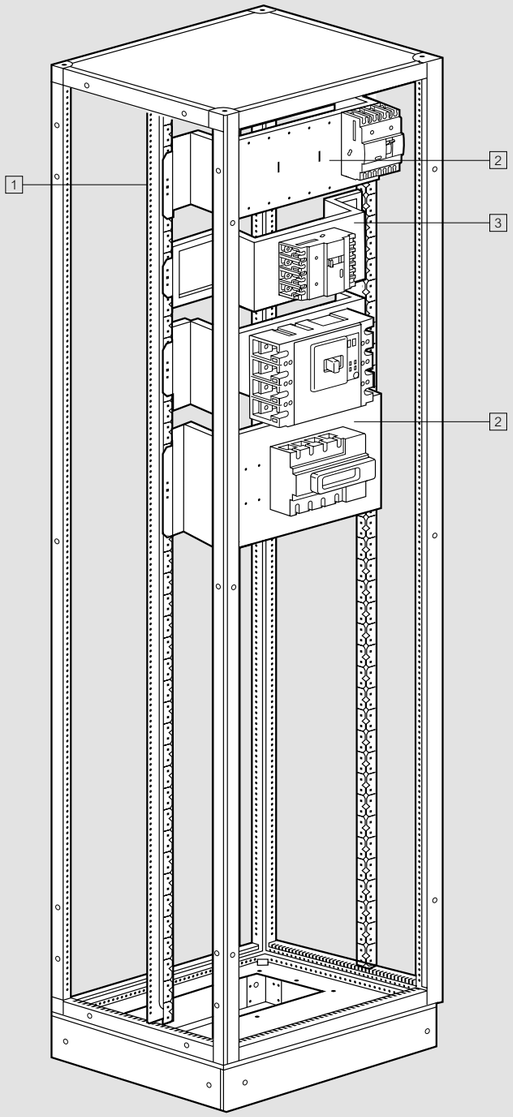
Self-adhesive document holders for plans **p. 342**

IP 55 Cabstop plates **p. 342**

XL³ S 4000

technical characteristics

Installation principle functionnal uprights system

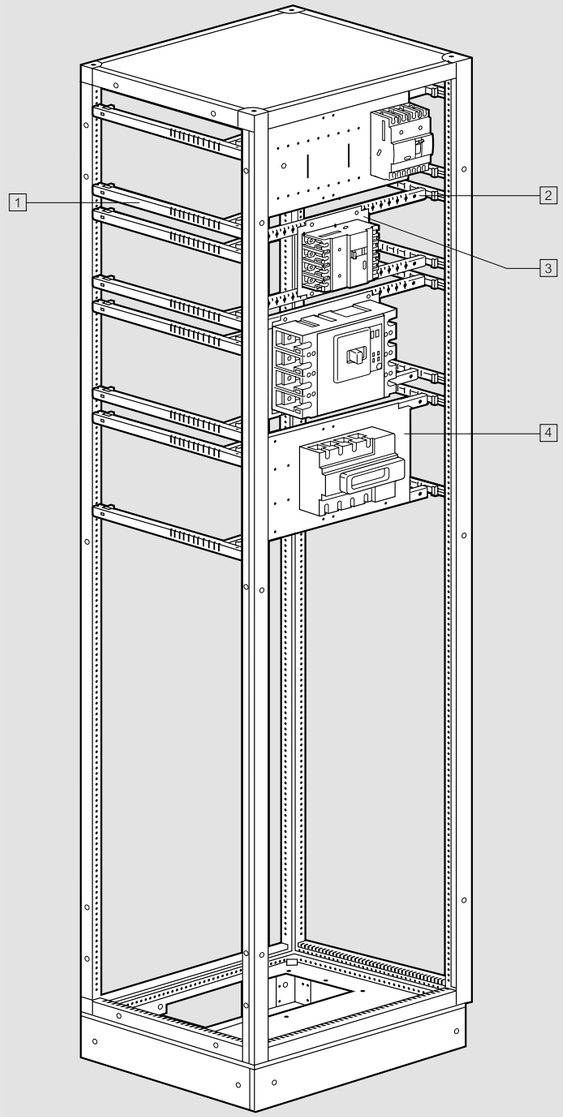


1 Side functional uprights

2 Fixing plate for devices in vertical position

3 Fixing plate for devices in horizontal position

Installation principle functionnal crosspieces system



1 Side (depth) crosspieces

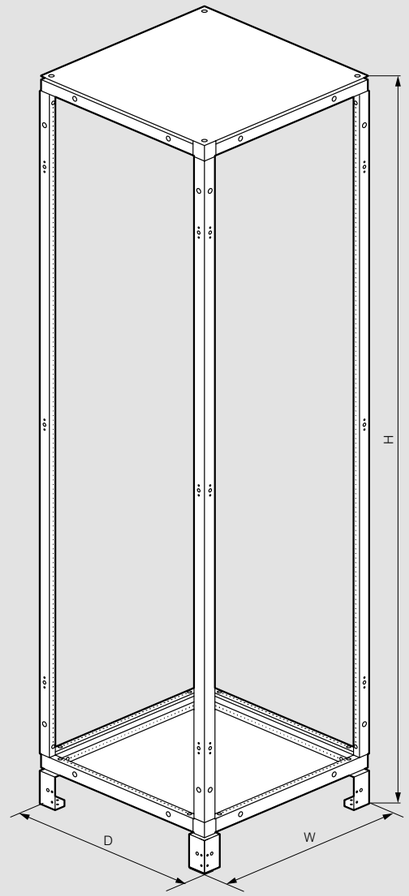
2 Central (width) crospieces

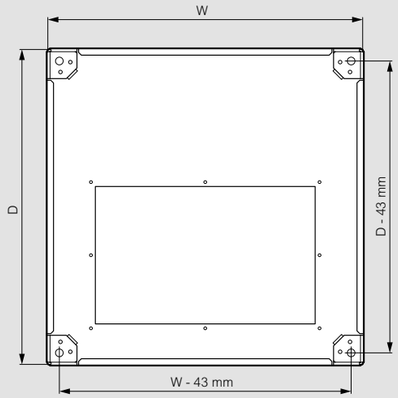
3 Fixing plate for devices in horizontal position

4 Fixing plate for devices in vertical position

Dimensions

Fixing to the floor





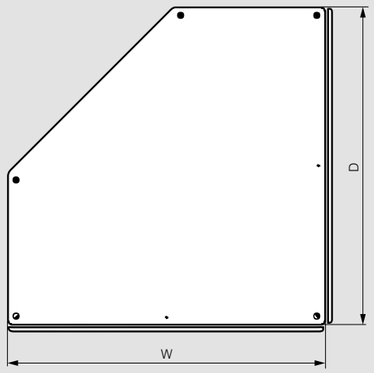
Enclosures

Cat.Nos	External dimensions (mm)		
	W	H	D
3 380 01	424	1981	374
3 380 02	574	1981	374
3 380 03	774	1981	374
3 380 05	424	1981	574
3 380 06	574	1981	574
3 380 07	774	1981	574
3 380 09	424	1981	774
3 380 10	574	1981	774
3 380 11	774	1981	774
3 380 21	424	2181	374
3 380 22	574	2181	374
3 380 23	774	2181	374
3 380 25	424	2181	574
3 380 26	574	2181	574
3 380 27	774	2181	574
3 380 29	424	2181	774
3 380 30	574	2181	774
3 380 31	774	2181	774

External cable sleeves

Cat.Nos	External dimensions (mm)		
	W	H	D
3 380 00	324	1981	374
3 380 04	324	1981	574
3 380 08	324	1981	774
3 380 20	324	2181	374
3 380 24	324	2181	574
3 380 28	324	2181	774

Corner enclosures



Cat.Nos	External dimensions (mm)		
	W	H	D
3 380 40	774	1981	774
3 380 41	974	1981	974
3 380 42	1174	1981	1174
3 380 50	774	2181	774
3 380 51	974	2181	974
3 380 52	1174	2181	1174

XL³ S 630 and XL³ S 4000

insulating busbar supports selection chart

Mounting		Max. In (A)	Flat copper bars: 400		800	3000	4000	C-section aluminium bars: 630		1600			3200	
		Supports	3 399 00	3 399 01	3 399 06	3 399 20/21/22/23 (fixing centres: 75 mm)	3 399 29/30 (fixing centres: 125 mm)	3 399 02/03	3 399 04/05	3 399 20/21/22/23 (fixing centres: 75 mm)	3 399 31/32/33 (fixing centres: 75 mm)	3 399 25/26/27 (fixing centres: 125 mm)	3 399 20/21/22/23 (fixing centres: 75 mm)	3 399 25/26/27 (fixing centres: 125 mm)
XL³ S 630														
Vertical at back of cable sleeve	W: 450 mm		3 399 00 + 3 379 80		3 399 06[11]			3 399 02/03 + 3 379 79						
Vertical at back of cabinet or enclosure	W: 16 modules								3 399 04/05 + 3 379 80					
	W: 24 modules			3 399 01 + 3 379 81					3 399 04/05 + 3 379 81					
	W: 36 modules			3 399 01 + 3 379 82					3 399 04/05 + 3 379 82					
Main horizontal at back of enclosure	Cable sleeve width: 350 mm		3 399 00 + 3 379 79 x 2[1]		3 399 06[11] + 3 379 79 x 2[1]			3 399 02/03 + 3 379 79 x 2[1]						
	W: 16 modules		3 399 00 + 3 379 80 x 2[1]		3 399 06[11] + 3 379 80 x 2[1]			3 399 02/03 + 3 379 80 x 2[1]						
	W: 24 modules		3 399 00 + 3 379 81 x 2[1]		3 399 06[11] + 3 379 81 x 2[1]			3 399 02/03 + 3 379 81 x 2[1]						
	W: 36 modules		3 399 00 + 3 379 82 x 2[1]		3 399 06[11] + 3 379 82 x 2[1]			3 399 02/03 + 3 379 82 x 2[1]						
XL³ S 4000														
Main horizontal at top or bottom of enclosure	D: 400					3 399 20/23 + 3 399 36/37/38/39[5]				3 399 20/23 + 3 399 40[5]			3 399 20 + 3 399 23 + 3 399 24[5]	
	D: 600	Front access[2]				3 399 21/23 + 3 399 36/37/38/39[5]				3 399 21/23 + 3 399 40[5]		3 399 25/27 + 3 399 40[5]	3 399 21 + 3 399 23 + 3 399 24[5]	3 399 25 + 3 399 27 + 3 399 24[5]
		Rear access[3]				3 399 21/23 + 3 399 36/37/38/39	3 399 29/30			3 399 21/23 + 3 399 40		3 399 25/27 + 3 399 40[5]	3 399 21 + 3 399 23 + 3 399 24	3 399 25 + 3 399 27 + 3 399 24[5]
	D: 800	Front access[2]				3 399 22/23 + 3 399 36/37/38/39[5]				3 399 22/23 + 3 399 40[5]		3 399 26/27 + 3 399 40[5]	3 399 22 + 3 399 23 + 3 399 24[5]	3 399 26 + 3 399 27 + 3 399 24[5]
		Rear access[3]				3 399 22/23 + 3 399 36/37/38/39[5]	3 399 29/30[5]			3 399 22/23 + 3 399 40[5]		3 399 26/27 + 3 399 40[5]	3 399 22 + 3 399 23 + 3 399 24	3 399 26 + 3 399 27 + 3 399 24
Horizontal transfer	D: 400					3 399 20/23 + 3 399 36/37/38/39[7]				3 399 20/23 + 3 399 40[7]			3 399 20 + 3 399 23 + 3 399 24[7]	
	D: 600	Front access[2]				3 399 21/23 + 3 399 36/37/38/39[7]				3 399 21/23 + 3 399 40[7]		3 399 25/27 + 3 399 40[7]	3 399 21 + 3 399 23 + 3 399 24[7]	3 399 25 + 3 399 27 + 3 399 24[7]
		Rear access[3]				3 399 21/23 + 3 399 36/37/38/39[7]	3 399 29/30			3 399 21/23 + 3 399 40[7]		3 399 25/27 + 3 399 40[7]	3 399 21 + 3 399 23 + 3 399 24[7]	3 399 25 + 3 399 27 + 3 399 24[7]
	D: 800	Front access[2]				3 399 22/23 + 3 399 36/37/38/39[7]				3 399 22/23 + 3 399 40[7]		3 399 26/27 + 3 399 40[7]	3 399 22 + 3 399 23 + 3 399 24[7]	3 399 26 + 3 399 27 + 3 399 24[7]
		Rear access[3]				3 399 22/23 + 3 399 36/37/38/39[5][7]	3 399 29/30[5]			3 399 22/23 + 3 399 40[5] [7]		3 399 26/27 + 3 399 40[5] [7]	3 399 22 + 3 399 23 + 3 399 24[5] [7]	3 399 26 + 3 399 27 + 3 399 24[5] [7]
Vertical lateral inside cable sleeve	D: 400		3 399 00 + 3 397 34			3 399 20/23 + 3 399 36/37/38/39[4]		3 399 02/03 + 3 397 34		3 399 20/23 + 3 399 40[4]				
	D: 600	Front access[2]	3 399 00 + 3 397 35		3 399 06 + 3 397 35	3 399 21/23 + 3 399 36/37/38/39		3 399 02/03 + 3 397 35		3 399 21/23 + 3 399 40		3 399 25/27 + 3 399 40		
		Rear access[3]	3 399 00 + 3 397 35		3 399 06 + 3 397 35	3 399 21/23 + 3 399 36/37/38/39		3 399 02/03 + 3 397 35		3 399 21/23 + 3 399 40		3 399 25/27 + 3 399 40		
	D: 800	Front access[2]	3 399 00 + 3 397 36		3 399 06 + 3 397 36	3 399 22/23 + 3 399 36/37/38/39		3 399 02/03 + 3 397 36		3 399 22/23 + 3 399 40		3 399 26/27 + 3 399 40		
		Rear access[3]	3 399 00 + 3 397 36		3 399 06 + 3 397 36	3 399 22/23 + 3 399 36/37/38/39		3 399 02/03 + 3 397 36		3 399 22/23 + 3 399 40		3 399 26/27 + 3 399 40		

1: Only if fixed supports are added between the cabinet structural uprights (depending on required Ipk)
2: The horizontal main busbar is in the front position in the cabinet. The vertical busbars are therefore accessible from the front of the enclosure, behind the front panel (mainly via the cable sleeves).
3: The horizontal main busbar is at the back of the enclosure. The vertical busbars are accessible from the back of the enclosure, by removing the rear panels.
4: Connection possible only with a horizontal top or bottom busbar made of C-section aluminium bars. 5: Partial chassis.
6: Mounting behind the crosspiece of the central upright.
7: Mounting on crosspieces in the enclosure.
8: Mounting behind functional uprights.
9: Except depth 400 mm. 10: The 2 sets of bars are placed one above the other in the height of the cabinet. 11: 630 A max.

XL³ S 4000

insulating busbar supports selection chart (continued)

Mounting			Max. In (A)	Flat copper bars 400		800	3000	4000	C-section aluminium busbars 630		1600			3200	
			Supports	3 399 00	3 399 01	3 399 06	3 399 20/21/22/23 (fixing centres: 75 mm)	3 399 29/30 (fixing centres: 25 mm)	3 399 02/03	3 399 04/05	3 399 20/21/22/23 (fixing centres: 75 mm)	3 399 31/32/33 (fixing centres: 75 mm)	3 399 25/26/27 (fixing centres: 125 mm)	3 399 20/21/22/23 (fixing centres:75 mm)	3 399 25/26/27 (fixing centres: 125 mm)
				XL³ S 4000					XL³ S 4000						
Vertical lateral inside cable sleeve W: 350 mm	D: 400			3 399 00 + 3 397 34			3 399 20/23 + 3 399 36/37/38/39[3]		3 399 02/03 + 3 397 34		3 399 20/23 + 3 399 40[3]	3 399 31[3]			
	D: 600	Front access[1]		3 399 00 + 3 397 35		3 399 06 + 3 397 35	3 399 21/23 + 3 399 36/37/38/39		3 399 02/03 + 3 397 35		3 399 21/23 + 3 399 40	3 399 32	3 399 25/27 + 3 399 40	3 399 21 + 3 399 23 + 3 399 24	3 399 25 + 3 399 27 + 3 399 24
		Rear access[2]		3 399 00 + 3 397 35		3 399 06 + 3 397 35	3 399 21/23 + 3 399 36/37/38/39		3 399 02/03 + 3 397 35		3 399 21/23 + 3 399 40	3 399 32	3 399 25/27 + 3 399 40	3 399 21 + 3 399 23 + 3 399 24	3 399 25 + 3 399 27 + 3 399 24
	D: 800	Front access[1]		3 399 00 + 3 397 36		3 399 06 + 3 397 36	3 399 22/23 + 3 399 36/37/38/39		3 399 02/03 + 3 397 36		3 399 22/23 + 3 399 40	3 399 33	3 399 26/27 + 3 399 40	3 399 22 + 3 399 23 + 3 399 24	3 399 26 + 3 399 27 + 3 399 24
		Rear access[2]		3 399 00 + 3 397 36		3 399 06 + 3 397 36	3 399 22/23 + 3 399 36/37/38/39		3 399 02/03 + 3 397 36		3 399 22/23 + 3 399 40	3 399 33	3 399 26/27 + 3 399 40	3 399 22 + 3 399 23 + 3 399 24	3 399 26 + 3 399 27 + 3 399 24
Vertical lateral inside cable sleeve W: 450 mm	D: 400			3 399 00 + 3 397 34			3 399 20/23 + 3 399 36/37/38/39[3]		3 399 02/03 + 3 397 34		3 399 20/23 + 3 399 40[3]	3 399 31[3]			
	D: 600	Front access[1]		3 399 00 + 3 397 35		3 399 06 + 3 397 35	3 399 21/23 + 3 399 36/37/38/39		3 399 02/03 + 3 397 35		3 399 21/23 + 3 399 40	3 399 32	3 399 25/27 + 3 399 40	3 399 21 + 3 399 23 + 3 399 24	3 399 25 + 3 399 27 + 3 399 24
		Rear access[2]		3 399 00 + 3 397 35		3 399 06 + 3 397 35	3 399 21/23 + 3 399 36/37/38/39	3 399 29/30	3 399 02/03 + 3 397 35		3 399 21/23 + 3 399 40	3 399 32	3 399 25/27 + 3 399 40	3 399 21 + 3 399 23 + 3 399 24	3 399 25 + 3 399 27 + 3 399 24
	D: 800	Front access[1]		3 399 00 + 3 397 36		3 399 06 + 3 397 36	3 399 22/23 + 3 399 36/37/38/39		3 399 02/03 + 3 397 36		3 399 22/23 + 3 399 40	3 399 33	3 399 26/27 + 3 399 40	3 399 22 + 3 399 23 + 3 399 24	3 399 26 + 3 399 27 + 3 399 24
		Rear access[2]		3 399 00 + 3 397 36		3 399 06 + 3 397 36	3 399 22/23 + 3 399 36/37/38/39	3 399 29/30	3 399 02/03 + 3 397 36		3 399 22/23 + 3 399 40	3 399 33	3 399 26/27 + 3 399 40	3 399 22 + 3 399 23 + 3 399 24	3 399 26 + 3 399 27 + 3 399 24
Vertical lateral in enclosure behind functional uprights[10]	D: 600 mm						3 399 20/23 + 3 399 36/37/38/39		3 399 02/03 + 3 397 34		3 399 20/23 + 3 399 40				
	D: 800 mm					3 399 06 + 3 397 35	3 399 21/23 + 3 399 36/37/38/39		3 399 02/03 + 3 397 35		3 399 21/23 + 3 399 40		3 399 25/27 + 3 399 40		
Vertical at back of enclosures between functional uprights	W: 16 modules									3 399 04/05 + 3 379 80					
	W: 24 modules			3 399 01 + 3 379 81						3 399 04/05 + 3 379 81					
	W: 36 modules			3 399 01 + 3 379 82						3 399 04/05 + 3 379 82					
Vertical at back of enclosure or cable sleeve	W: 16 modules/450 mm						3 399 20/23 + 3 399 36/37/38/39[8]				3 399 20/23 + 3 399 40[8]				
	W: 24 modules					3 399 06 + 3 397 35	3 399 21/23 + 3 399 36/37/38/39[8]				3 399 21/23 + 3 399 40[8]		3 399 25/27 + 3 399 40[8]		
	W: 36 modules					3 399 06 + 3 397 36	3 399 22/23 + 3 399 36/37/38/39[8]				3 399 22/23 + 3 399 40[8]		3 399 26/27 + 3 399 40[8]		
Main horizontal at the back of the enclosure(8)	Internal cable sleeve						3 399 20 + 3 399 36/37/38/39 + 3 397 36 x 2				3 399 20 + 3 399 40 + 3 397 36 x 2		3 399 25 + 3 399 40 + 397 36 x 2	3 399 20 x 2[9] + 3 397 36 x 3	3 399 25 x 2[9] + 3 397 36 x 3
	Internal cable sleeve with intermediate upright at back						3 399 20 + 3 399 36/37/38/39 + 3 397 37 x 2				3 399 20 + 3 399 40 + 3 397 37 x 2		3 399 25 + 3 399 40 + 3 97 37 x 2	3 399 20 x 2[9] + 3 397 37 x 3	3 399 25 x 2[9] + 3 397 37 x 3
	Cable sleeve width: 350 mm						3 399 20 + 3 399 36/37/38/39 + 3 397 30 x 2	3 399 29 + 3 397 30 x 2			3 399 20 + 3 399 40 + 3 397 30 x 2		3 399 25 + 3 399 40 + 3 97 30 x 2	3 399 20 x 2[9] + 3 397 30 x 3	3 399 25 x 2[9] + 3 397 30 x 3
	Cable sleeve width: 450 mm/16 modules						3 399 20 + 3 399 36/37/38/39 + 3 397 31 x 2	3 399 29 + 3 397 31 x 2			3 399 20 + 3 399 40 + 3 397 31 x 2		3 399 25 + 3 399 40 + 3 97 31 x 2	3 399 20 x 2[9] + 3 397 31 x 3	3 399 25 x 2[9] + 3 397 31 x 3
	W: 24 modules						3 399 20 + 3 399 36/37/38/39 + 3 397 35 x 2	3 399 29 + 3 397 35 x 2			3 399 20 + 3 399 40 + 3 397 35 x 2		3 399 25 + 3 399 40 + 3 97 35 x 2	3 399 20 x 2[9] + 3 397 35 x 3	3 399 25 x 2[9] + 3 397 35 x 3
	W: 36 modules						3 399 20 + 3 399 36/37/38/39 + 3 397 36 x 2	3 399 29 + 3 397 36 x 2			3 399 20 + 3 399 40 + 3 397 36 x 2		3 399 25 + 3 399 40 + 3 97 36 x 2	3 399 20 x 2[9] + 3 397 36 x 3	3 399 25 x 2[9] + 3 397 36 x 3

1: The horizontal main busbar is in the front position in the cabinet. The vertical busbars are therefore accessible from the front of the enclosure, behind the front panel (mainly via the cable sleeves).
2: The horizontal main busbar is at the back of the enclosure. The vertical busbars are accessible from the back of the enclosure, by removing the rear panels.
3: Connection possible only with a horizontal top or bottom busbar made of C-section aluminium bars.
4: Partial chassis. 5: Mounting behind the crosspiece of the central upright.
6: Mounting on crosspieces in the enclosure.
7: Mounting behind functional uprights.
8: Except depth 400 mm.
9: The 2 sets of bars are placed one above the other in the height of the cabinet.
10: Functional uprights Cat.Nos 3 381 55/57 (p. 355)

legrand

XL³ S 630 and XL³ S 4000

Busbar selection

Flat copper busbar supports			≤ 400						≤ 800						≤ 3000				≤ 4000			
			3 399 00				3 399 01		3 399 06						3 399 20/21/22/23 (fixing centres: 75 mm)				3 399 29/30 (fixing centres: 125 mm)			
			Vertical busbar		Horizontal busbar		Vertical busbar		Vertical busbar		Horizontal busbar				Vertical busbar		Horizontal busbar		Vertical busbar		Horizontal busbar	
Flat copper bars			I (A)		I (A)		I (A)		I (A)		I (A)				I (A)		I (A)		I (A)		I (A)	
Cat.Nos	Cross-section (mm)	Number of bars per pole	IP ≤ 30	IP > 30	IP ≤ 30	IP > 30	IP ≤ 30	IP > 30	IP ≤ 30	IP > 30	IP ≤ 30	IP > 30			IP ≤ 30	IP > 30	IP ≤ 30	IP > 30	IP ≤ 30	IP > 30	IP ≤ 30	IP > 30
0 374 34	18 × 4	1	245	200	245	200	245	200	245	200	245	200			-	-	-	-	-	-	-	-
0 374 38	25 × 4	1	280	250	280	250	-	-	-	-	-	-			-	-	-	-	-	-	-	-
0 374 18	25 × 5	1	330	270	330	270	330	270	330	270	330	270			-	-	-	-	-	-	-	-
0 374 19	32 × 5	1	450	400	450	400	450	400	450	400	450	400			-	-	-	-	-	-	-	-
0 374 40	50 × 5	1	-	-	-	-	-	-	700	630	630	550			700	630	430	350	700	630	500	420
		2	-	-	-	-	-	-	-	-	-	-			1150	1000	650	510	1180	1020	750	630
		3	-	-	-	-	-	-	-	-	-	-			1600	1380	1000	900	1600	1380	1000	900
		4					-								-	-	-	-	2020	1720	1120	1000
0 374 41	63 × 5	1	-	-	-	-	-	-	800	700	720	630			800	700	500	400	800	700	600	500
		2	-	-	-	-	-	-	-	-	-	-			1350	1150	770	590	1380	1180	750	630
		3	-	-	-	-	-	-	-	-	-	-			1900	1600	1100	1000	1900	1600	1100	1000
		4	-	-	-	-	-	-	-	-	-	-			-	-	-	-	2350	1950	1350	1200
0 374 59	75 × 5	1	-	-	-	-	-	-	-	-	-	-			950	850	600	475	950	850	700	600
		2	-	-	-	-	-	-	-	-	-	-			1500	1300	890	700	1600	1400	1000	850
		3	-	-	-	-	-	-	-	-	-	-			2200	1900	1250	1100	2200	1900	1250	1100
		4	-	-	-	-	-	-	-	-	-	-			-	-	-	-	2700	2300	1600	1400
0 374 43	80 × 5	1	-	-	-	-	-	-	-	-	-	-			1000	900	630	500	1000	900	750	630
		2	-	-	-	-	-	-	-	-	-	-			1650	1450	940	740	1700	1480	1050	900
		3	-	-	-	-	-	-	-	-	-	-			2350	2000	1300	1150	2350	2000	1300	1150
		4	-	-	-	-	-	-	-	-	-	-			-	-	-	-	2850	2400	1650	1450
0 374 46	100 × 5	1	-	-	-	-	-	-	-	-	-	-			1250	1050	750	580	1250	1050	850	700
		2	-	-	-	-	-	-	-	-	-	-			1900	1600	1120	900	2050	1800	1200	1050
		3	-	-	-	-	-	-	-	-	-	-			2900	2450	1600	1400	2900	2450	1600	1400
		4	-	-	-	-	-	-	-	-	-	-			-	-	-	-	3500	2900	1900	1650
	125 × 5	1	-	-	-	-	-	-	-	-	-	-			1450	1270	1000	800	1450	1270	1000	800
		2	-	-	-	-	-	-	-	-	-	-			2500	2150	1450	1250	2500	2150	1450	1250
		3	-	-	-	-	-	-	-	-	-	-			3450	2900	1800	1600	3450	2900	1800	1600
		4	-	-	-	-	-	-	-	-	-	-			-	-	-	-	4150	3450	2150	1950
	50 × 10	1	-	-	-	-	-	-	-	-	-	-			950	850	880	650	950	850	880	650
		2	-	-	-	-	-	-	-	-	-	-			1680	1470	1250	1050	1680	1470	1250	1050
		3	-	-	-	-	-	-	-	-	-	-			-	-	-	-	2300	2030	2000	1600
	60 × 10	1	-	-	-	-	-	-	-	-	-	-			1150	1020	1000	800	1150	1020	1000	800
		2	-	-	-	-	-	-	-	-	-	-			2030	1750	1600	1250	2030	1750	1600	1250
		3	-	-	-	-	-	-	-	-	-	-			-	-	-	-	2800	2400	2250	1850
	80 × 10	1	-	-	-	-	-	-	-	-	-	-			1460	1270	1150	950	1460	1270	1150	950
		2	-	-	-	-	-	-	-	-	-	-			2500	2150	1700	1500	2500	2150	1700	1500
		3	-	-	-	-	-	-	-	-	-	-			-	-	-	-	3450	2900	2500	2000
	100 × 10	1	-	-	-	-	-	-	-	-	-	-			1750	1500	1350	1150	1750	1500	1350	1150
		2	-	-	-	-	-	-	-	-	-	-			3050	2550	2000	1650	3050	2550	2000	1650
		3	-	-	-	-	-	-	-	-	-	-			-	-	-	-	4150	3500	2900	2400
	120 × 10	1	-	-	-	-	-	-	-	-	-	-			2000	1750	1650	1450	2000	1750	1650	1450
		2	-	-	-	-	-	-	-	-	-	-			3600	3000	2500	2000	3600	3000	2500	2000
		3	-	-	-	-	-	-	-	-	-	-			-	-	-	-	4800	4000	3500	3000

C-section aluminium busbar supports			≤ 630						≤ 1600				≤ 1600/3200									
			3 399 02/03				3 399 04/05		3 399 31/32/33 (fixing centres: 75 mm)				3 399 20/21/22/23 (fixing centres: 75 mm)				3 399 25/26/27 (fixing centres: 125 mm)					
			Vertical busbar		Horizontal busbar		Vertical busbar		Vertical busbar				Vertical busbar		Horizontal busbar		Vertical busbar		Horizontal busbar			
C-section aluminium bars			I (A)		I (A)		I (A)		I (A)				I (A)		I (A)		I (A)		I (A)			
Cat.Nos	Cross-section (mm)	Number of bars per pole	IP ≤ 30	IP > 30	IP ≤ 30	IP > 30	IP ≤ 30	IP > 30	IP ≤ 30	IP > 30			IP ≤ 30	IP > 30	IP ≤ 30	IP > 30	IP ≤ 30	IP > 30	IP ≤ 30	IP > 30		
4 044 30	187	1	320	250	320	250	320	250	-	-			-	-	-	-	-	-	-	-		
4 044 31	238	1	500	400	500	400	500	400	-	-			-	-	-	-	-	-	-	-		
4 044 32	323	1	700	630	700	630	700	630	-	-			-	-	-	-	-	-	-	-		
0 373 54	524	1	-	-	-	-	-	-	800	630			800	630	630	500	800	630	630	500		
0 373 55	549	1	-	-	-	-	-	-	1000	800			1000	800	800	630	1000	800	800	630		
0 373 56	586	1	-	-	-	-	-	-	1250	1000			1250	1000	1000	800	1250	1000	1000	800		
0 373 57	686	1	-	-	-	-	-	-	1450	1250			1450	1250	1250	1000	1450	1250	1250	1000		
0 373 58	824	1	-	-	-	-	-	-	1750	1600			1750	1600	1400	1250	1750	1600	1400	1250		
0,373 58 x 2	824 × 2	2	-	-	-	-	-	-	-	-			3500(1)	3200(1)	2400	2000	3500(2)	3200(2)	2400	2000		

1: One support Cat.No 3 399 20/21/22 combined with one support Cat.No 3 399 23.
2: One support Cat.No 3 399 25/26 combined with one support Cat.No 3 399 27.

Busbars and accessories

4 044 32 + 3 399 02 (p. 367) + 3 379 80 (p. 342)

C-section aluminium bars

Tinned copper aluminium C-section busbars
Electrolytic compatibility with copper guaranteed

30 x 14 mm - length 1600 mm

Pack	Cat.Nos	Cross-section (mm)	I permissible (A) IP ≤ 30	I permissible (A) IP > 30
1	4 044 30	187	320	250
1	4 044 31	238	500	400
1	4 044 32	323	700	630

40 x 30 mm - length 1780 mm

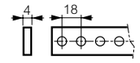
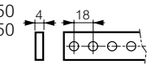
Pack	Cat.Nos	Cross-section (mm)	I permissible (A) IP ≤ 30	I permissible (A) IP > 30
1	0 373 54	524	800	630
1	0 373 55	549	1000	800
1	0 373 56	586	1250	1000
1	0 373 57	686	1450	1250
1	0 373 58	824	1750	1600

Insulating caps for nuts

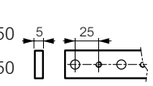
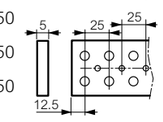
Pack	Cat.Nos	
1	3 399 41	Pack of 50 M8 caps
1	3 399 42	Pack of 50 M10 caps
1	3 399 43	Pack of 50 M12 caps

Copper busbars

Rigid, flat, threaded holes

Pack	Cat.Nos		Cross-section (mm)	I permissible (A) IP ≤ 30	I permissible (A) IP > 30	Holes Ø mm	Length (mm)	
10	0 373 88	12 × 2	110	80	M5	990	
10	0 373 89	12 × 4	160	125	M5	990	
10	0 374 33	15 × 4	200	160	M6	990	
10	0 374 34	18 × 4	245	200	M6	990	
10	0 374 38	25 × 4	280	250	M6	990	
4	0 374 18	25 × 5	330	270	M6	1750	
4	0 374 19	32 × 5	450	400	M6	1750	

Rigid, flat, clearance holes

Pack	Cat.Nos		Cross-section (mm)	I permissible (A) IP ≤ 30	I permissible (A) IP > 30	Holes Ø mm	Length (mm)	
1	0 374 40	50 × 5	700	630	10.5 - 6.5	1750	
1	0 374 41	63 × 5	800	700	10.5 - 8.5	1750	
1	0 374 59	75 × 5	950	850	10.5 - 6.5	1750	
1	0 374 43	80 × 5	1000	900	10.5 - 6.5	1750	
1	0 374 46	100 × 5	1250	1050	10.5 - 6.5	1750	

Accessories

Insulating strip

Pack	Cat.Nos	
10	0 373 11	Insulating strip for flat copper bars 18 x 4, 25 x 4, 25 x 5 and 32 x 5 mm, length 1 m Supplied with fixing clips

Insulating screws

Pack	Cat.Nos	
50	0 367 74	M6 x 10

HF screws with contact washer

Pack	Cat.Nos	
50	0 367 75	M6 x 10

Enclosures for any configurations

XL³ 4000 enclosures are fully modular, enable different configurations (back to back, or side by side) and take all equipment up to 4000 A, whatever level of partitioning is required.

XL³ 4000 enclosure with Legrand protection devices

Discover the range

- Enclosure:
  2 Heights: 2 m and 2.2 m
  3 Widths: 475, 725 or 975 mm
  3 Depths: 475, 725 or 975 mm
  IP 30 or IP 55 (with door and seal)
- Takes: DIN rail equipment, DMX³, DPX³, DPX-IS and Vistop up to 4000 A

XL³ 4000/6300 workshop specifications.

Available for download on **www.export.legrand.com**

Equipment selection for XL³ 4000

Device	Version	Position	Configuration	Connection terminals		XL³ 4000 - 24 modules							XL³ 4000 - 36 modules			
						Spacer	Fixing devices	Plate	Metal faceplate Height (mm)	Metal faceplate 1/4 turn	Metal faceplate Screw	Lock	Fixing devices	Plate	Metal faceplate Height (mm)	Metal faceplate Screw
Fixing on din-rail																
DX³ < 63 A		vertical				-	0 206 01	-	150	0 208 00	0 209 00	-	0 206 51	-	150	0 209 50
DX³ > 63 A		vertical				-	0 206 01	-	200	0 208 01	0 209 01	0 212 09	0 206 51	-	200	0 209 51
Vistop 63 to 160 A	modular	vertical				-	0 206 01	-	200	0 208 01	0 209 01	0 212 09	0 206 51	-	200	0 209 51
DPX-IS 250	fixed	vertical	with modular devices	front or rear		-	0 206 01	0 262 39	300	0 208 10	0 209 10	-	0 206 51	0 262 39	300	0 209 60
Fixing on Plate																
DPX³ 160 (Combination possible with DPX³ 250)	fixed	vertical	without side motor-driven handle	front		-	-	0 206 11 + 4 210 71/73[1]	300	0 208 10	0 209 10	-	-	0 206 61 + 4 210 71/73[1]	300	0 209 60
			with side motor-driven handle	front		-	-	0 206 11 + 4 210 68	300	0 208 10	0 209 10	-	-	0 206 61 + 4 210 68	300	0 209 60
			without front motor-driven handle	front or rear		0 207 50	0 207 90	0 207 49	300	0 208 10	0 209 10	-	0 207 61	0 207 49	300	0 209 60
			with front motor-driven handle	front or rear		-	0 207 90	0 207 49	300	0 208 10	0 209 10	-	0 207 61	0 207 49	300	0 209 60
			with direct rotary handle	front		-	-	0 206 08 + 4 210 71/73[1]	300	0 208 05	0 209 05	-	-	-	-	-
				front or rear		0 207 50	0 207 90	0 207 49	300	0 208 05	0 209 05	-	0 207 61	0 207 49	300	0 209 65
			manual transfer switch	front		-	-	0 206 11 + 4 210 58	300	0 208 10	0 209 10	-	-	-	-	-
				front or rear		0 207 50	0 206 63	0 206 71	300	0 208 10	0 209 10	-	-	-	-	-
			motor-driven transfer switch	front		-	-	0 206 13 + 4 210 58	300	0 208 10	0 209 10	-	-	-	-	-
				front or rear		-	0 206 63	0 206 71	300	0 208 10	0 209 10	-	-	-	-	-
		horizontal	-	front		-	-	0 206 15	150	0 208 13	0 209 13	-	-	-	-	-
			with front motor-driven handle	front or rear		-	-	0 207 94	150	0 208 17	0 209 17	-	-	-	-	-
	draw-out	vertical	with or without front motor-driven handle	front or rear		0 207 50	0 207 91	0 207 59	400	-	-	0 212 11	-	-	-	-
			with direct rotary handle	front or rear		-	0 207 91	0 207 59	400	-	-	0 212 08	-	-	-	-
			manual or motor-driven transfer switch	front or rear		0 207 50	0 206 69	0 206 81	400	-	-	0 212 11	-	-	-	-
		horizontal	with or without front motor-driven handle	front or rear		-	-	0 207 95	200	-	-	0 212 13	-	-	-	-
DPX³ 250 (Combination possible with thermal-magnetic DPX³ 160)	fixed	vertical	without side motor-driven handle	front		-	-	0 206 11 + 4 210 72/74[1]	300	0 208 10	0 209 10	-	-	0 206 61 + 4 210 72/74[1]	300	0 209 60
			with side motor-driven handle	front		-	-	0 206 11 + 4 210 69	300	0 208 10	0 209 10	-	-	0 206 61 + 4 210 69	300	0 209 60
			without front motor-driven handle	front or rear		-	0 207 90	0 207 64	300	0 208 10	0 209 10	-	0 207 61	0 207 49	300	0 209 60
			with front motor-driven handle	front or rear		0 207 50	0 207 90	0 207 64	300	0 208 10	0 209 10	-	0 207 61	0 207 49	300	0 209 60
			with direct rotary handle	front		0 207 50	-	0 206 08 + 4 210 72/74[1]	300	0 208 05	0 209 05	-	-	-	-	-
				front or rear		0 207 50	0 207 90	0 207 64	300	0 208 05	0 209 05	-	0 207 61	0 207 49	300	0 209 65
			manual transfer switch	front		-	-	0 206 11 + 4 210 58	300	0 208 10	0 209 10	-	-	-	-	-
				front or rear		0 207 50	0 206 63	0 206 73	300	0 208 10	0 209 10	-	-	-	-	-
			motor-driven transfer switch	front		-	-	0 206 13 + 4 210 58	300	0 208 10	0 209 10	-	-	-	-	-
				front or rear		-	0 206 63	0 206 73	300	0 208 10	0 209 10	-	-	-	-	-
		horizontal	-	front		-	-	0 206 17	200	0 208 17	0 209 17	-	-	-	-	-
			with or without front motor-driven handle	front or rear		-	-	0 207 96	200	0 208 17	0 209 17	-	-	-	-	-
	draw-out	vertical	with or without front motor-driven handle	front or rear		0 207 50	0 207 91	0 207 69	400	-	-	0 212 11	-	-	-	-
			with direct rotary handle	front or rear		-	0 207 91	0 207 69	400	-	-	0 212 08	-	-	-	-
			manual or motor-driven transfer switch	front or rear		0 207 50	0 206 69	0 206 83	400	-	-	0 212 11	-	-	-	-
		horizontal	with or without front motor-driven handle	front or rear		-	-	0 207 97	200	-	-	0 212 13	-	-	-	-
DPX-IS 250	fixed	vertical	centred device only	front or rear		-	-	0 206 05	300	0 208 10	0 209 10	-	-	0 206 55	300	0 209 60
			1 or 2 devices	front or rear		-	-	0 206 05	300	0 208 06	0 209 06	-	-	0 206 55	300	0 209 60
		horizontal	1 device	front or rear		-	-	0 206 18	300	-	0 209 18	-	-	-	-	-

1: Cat.Nos 4 210 73/74 for DPX³ with earth leakage module

Equipment selection for XL³ 4000

legrand

Device	Version	Position	Configuration	Connection (terminals)	Rotary handle/ motor-driven		XL³ 4000 - 24 modules							XL³ 4000 - 36 modules				
							Spacer	Fixing devices	Plate	Metal faceplate Height (mm)	1/4 turn	Screw	Lock	Fixing devices	Plate	Metal faceplate Height (mm)	Screw	Lock
FIXING ON PLATE																		
DPX³ 125 HP	fixed	vertical	1 to 3 devices, with or without elcbs	front	-		-	-	0 213 00	300	-	0 213 02	-	-	-	-	-	-
		horizontal	1 device, with or without elcbs	front	-		-	-	0 213 01	200	-	0 213 03	-	-	-	-	-	-
DPX³ 250 HP	fixed	vertical	1 to 3 devices, with or without elcbs	front	-			-	0 213 04	400	-	0 213 10	-	-	-	-	-	-
			1 to 3 devices, with or without elcbs	front	with rotary or motor-driven handle		-	-	0 213 05	400	-	0 213 10	-	-	-	-	-	-
		horizontal	1 device, with or without elcbs	front	-		-	-	0 213 08	200	-	0 213 13	-	-	-	-	-	-
		vertical	transfer switches	front	with or without mot. control		-	-	0 213 07	300	-	0 213 12	-	-	-	-	-	-
	plug-in	vertical	1 to 3 devices, with or without elcbs	front	-		-	-	0 213 06	400	-	0 213 10	-	-	-	-	-	-
		horizontal	1 device, with or without elcbs	front	-		-	-	0 213 09	200	-	0 213 13	-	-	-	-	-	-
	draw-out	vertical	1 to 2 devices, with or without elcbs	front	-		-	-	0 213 06	400	-	-	0 213 11	-	-	-	-	-
		horizontal	1 device, with or without elcbs	front	-		-	-	0 213 09	300	-	-	0 213 14	-	-	-	-	-
DPX³ 630	fixed	vertical	1 to 3 devices, no elcbs	front	-		-	-	0 206 20	400	0 208 20	0 209 20	-	-	0 206 70	400	0 209 70	-
			1 to 3 devices, no elcbs	front or rear	with or without		0 207 50[1]	0 207 20	0 207 85	400	0 208 20	0 209 20	-	0 207 70	0 207 85	400	0 209 70	-
			1 to 3 devices, with elcbs	front	-		-	-	0 206 22	600	0 208 22	0 209 22	-	-	0 206 72	600	0 209 72	-
			1 to 3 devices, with elcbs	front or rear	with or without		0 207 50[1]	0 207 22	0 207 86	600	0 208 22	0 209 22	-	0 207 72	0 207 86	600	0 209 72	-
		horizontal	with or without elcbs	front	-		-	-	0 206 23	300	0 208 23	0 209 21	-	-	-	-	-	-
			with or without elcbs	front or rear	with or without		-	-	0 207 93	300	-	0 209 23	-	-	-	-	-	-
		vertical	transfer switches	front or rear	with or without mot. control		0 207 50[1]	-	0 210 66	400	-	0 210 67	-	-	-	-	-	-
		horizontal	transfer switches	front or rear	with or without mot. control		0 207 50[1]	-	0 210 73	600	-	0 210 76	-	-	-	-	-	-
	plug-in	vertical	1 to 2 devices, no elcbs	front or rear	with or without		-	0 210 60	0 210 62	400	-	-	0 210 64	-	-	-	-	-
			1 to 2 devices, no elcbs	front or rear	with or without		-	0 210 61	0 210 63	400	-	-	0 210 65	-	-	-	-	-
		horizontal	with or without elcbs	front or rear	with or without		-	-	0 207 98	300	-	-	0 212 17	-	-	-	-	-
	draw-out	vertical	no elcbs	front or rear	with or without rotary handle		0 207 50	0 210 60	0 210 62	400	-	-	0 210 70	-	-	-	-	-
			no elcbs	front or rear	motor-driven		0 207 50	0 210 60	0 210 62	400	-	-	0 210 72	-	-	-	-	-
			with elcbs	front or rear	with or without rotary handle		0 207 50	0 210 61	0 210 63	600	-	-	0 210 71	-	-	-	-	-
		horizontal	with or without elcbs	front or rear	with or without rotary handle		-	-	0 207 98	300	-	-	0 212 18	-	-	-	-	-
			with or without elcbs	front or rear	motor-driven		-	-	0 207 98	300	-	-	0 212 19	-	-	-	-	-
		vertical	transfer switches	front or rear	motor-driven		0 207 50	-	0 210 66	400	-	-	0 210 69	-	-	-	-	-
			transfer switches	front or rear	-		0 207 50	-	0 210 66	400	-	-	0 210 68	-	-	-	-	-
		horizontal	transfer switches	front or rear	motor-driven		0 207 50	-	0 210 73	600	-	-	0 210 75	-	-	-	-	-
			transfer switches	front or rear	-		0 207 50	-	0 210 73	600	-	-	0 210 74	-	-	-	-	-
DPX-IS 630	fixed	vertical	device only	front or rear	-		-	-	0 206 07	300	0 208 07	0 209 07	-	-	0 206 57	300	0 209 57	-
		horizontal	device only	front or rear	-		-		0 206 19	300	-	0 209 19	-	-	-	-	-	-
DPX-IS 1600	fixed	vertical	device only	front terminals	-		-	-	0 211 00	400	-	0 211 13	-	-	-	-	-	-
			device only	rear terminals	-		-	-	0 211 06	400	-	0 211 13	-	-	-	-	-	-
		horizontal	device only	-	-		-	-	0 211 00	400	-	0 208 36	-	-	-	-	-	-
DPX³ 1600	fixed	vertical	no elcbs	front terminals	-		-	-	0 211 00	400	0 211 10	0 211 11	-	-	0 211 02	400	0 211 12	-
			no elcbs	front terminals	rotary handle or motor-driven		0 207 50[1][2]	-	0 211 04	400	-	0 211 14	-	-	-	-	-	-
			no elcbs	rear terminals	-		0 207 50[1][2]	-	0 211 06	400	0 211 10	0 211 11	-	-	0 211 03	400	0 211 12	-
			no elcbs	rear terminals	rotary handle or motor-driven		0 207 50[1][2]	-	0 211 06	400	-	0 211 14	-	-	-	-	-	-
		horizontal	no elcbs	front terminals	-		-	-	0 211 00	400	0 208 34	0 209 34	-	-	0 206 80	400	0 209 84	-
			no elcbs	front terminals	motor-driven		-	-	0 211 00	400	-	0 209 36	-	-	-	-	-	-
			no elcbs	rear terminals	motor-driven		-	-	0 211 00	400	-	0 209 35	-	-	-	-	-	-
			no elcbs	front or rear	-		0 207 50[1][2]	-	0 207 36	400	0 208 34	0 209 34	-	-	-	-	-	-
			no elcbs	front or rear	rotary handle or motor-driven		0 207 50[1][2]	-	0 207 36	400	-	0 209 35	-	-	-	-	-	-
		horizontal	transfer switches	front or rear	-		-	-	0 206 86	800	-	0 209 86	-	-	-	-	-	-
			transfer switches	front or rear	motor-driven		-	-	0 206 86	800	-	0 209 87	-	-	-	-	-	-
	draw-out	vertical	no elcbs	front terminals	-		-	-	0 211 05	600	-	-	0 211 15	-	-	-	-	-
			no elcbs	front terminals	rotary handle or motor-driven		-	-	0 211 05	600	-	-	0 211 16	-	-	-	-	-
		horizontal	no elcbs	rear terminals	-		-	-	0 207 35	400	-	-	0 212 34	-	-	-	-	-
			no elcbs	rear terminals	rotary handle or motor-driven		-	-	0 207 35	400	-	-	0 212 35	-	-	-	-	-
			transfer switches	rear terminals	-		-	-	0 206 87	800	-	-	0 212 34 x 2	-	-	-	-	-
			transfer switches	rear terminals	motor-driven		-	-	0 206 87	800	-	-	0 212 35 x 2	-	-	-	-	-
DMX³ 1600	fixed	vertical	device only	rear terminals	-		-	0 207 80	-	600	-	-	0 210 84	0 207 81	-	600	-	0 210 86
	draw-out		device only	rear terminals	-		-	0 207 80	-	600	-	-	0 210 85	0 207 81	-	600	-	0 210 87
	fixed		2 devices side by side	rear terminals	-		-	-	-	-	-	-	-	0 207 81	-	600	-	0 210 88
	draw-out		2 devices side by side	rear terminals	-		-	-	-	-	-	-	-	0 207 81	-	600	-	0 210 89
DMX³ 2500, N/H/L, 3P DMX³ 2500, N/H, 4P	fixed	vertical	device only	rear terminals	-		-	0 207 51	-	600	-	-	0 209 38	0 207 52	-	600	-	0 209 48
	draw-out		device only	rear terminals	-		-	0 207 53	-	600	-	-	0 209 38	0 207 54	-	600	-	0 209 48
DMX³-L 2500 4P	fixed	vertical	device only	rear terminals	-		-	0 207 51	-	600	-	-	0 209 39	0 207 52	-	600	-	0 209 48
	draw-out		device only	rear terminals	-		-	0 207 53	-	600	-	-	0 209 39	0 207 54	-	600	-	0 209 48
DMX³ 4000, N/H/L, 3P	fixed	vertical	device only	rear terminals	-		-	0 207 51	-	600	-	-	0 209 38	0 207 52	-	600	-	0 209 48
	draw-out		device only	rear terminals	-		-	0 207 53	-	600	-	-	0 209 38	0 207 54	-	600	-	0 209 48
DMX³-L 4000, N/H/L, 4P	fixed	vertical	device only	rear terminals	-			0 207 51	-	600	-	-	0 209 39	0 207 52	-	600	-	0 209 48
	draw-out		device only	rear terminals	-		-	0 207 53	-	600	-	-	0 209 39	0 207 54	-	600	-	0 209 48

1: No height spacer if motor-driven
2: Two sets of spacers for adjustable plate

Red catalogue number: New products

Distribution enclosures XL³ 4000

Assembly consisting of:
- Structural upright Cat.Nos 0 205 00
- "Roof-base" Cat.Nos 0 205 03/06/09
- Plinth Cat.Nos 0 205 17/18/19
- Functional uprights Cat.Nos 0 205 24/27
- Intermediate structural uprights Cat.No 0 205 20

0 205 12

Dimensions and installation principle **p. 383**
Composition table **p. 382**

IP 30 - IK 07
IP 55 - IK 10 with metal door or IK 08 with glass door and sealing kit for use when joining enclosures
Consist of the combination of a "roof-base" assembly, structural uprights, functional uprights, rear and side panels RAL 7035, plinths RAL 7004
Height 2000 or 2200 mm.
Capacity 24 modules (enclosures width 725 or width 975 with internal cable sleeve), 36 modules (enclosures width 975)
Usable faceplate height 1800 mm (1700 mm only if using the pivoting support frame) or 2000 mm

Enclosures and cable sleeves modular metal

Pack	Cat.Nos Height (mm) 2000	Cat.Nos Height (mm) 2200	
			Structural uprights Fit onto the "roof-base" assembly Take the side and rear panels
1	0 205 00	0 208 50	Set of 4 uprights
			Intermediate structural upright
1	0 205 20	0 208 51	Fits on the structure of the enclosure "roof-base"

"Roof-base" for enclosure
Fitted with cable entry plates
Take the structural uprights

Pack	Cat.Nos	Depth (mm)	Width (mm) external	Width (mm) usable
1	0 205 04	475	725	600
1	0 205 05	725	725	600
1	0 205 07	475	975	850
1	0 205 08	725	975	850
1	0 205 06	975	725	600
1	0 205 09	975	975	850

"Roof-base" for cable sleeves
Fitted with cable entry plates
Take the structural uprights

Pack	Cat.Nos	Depth (mm)	Width (mm) external	Width (mm) usable
1	0 205 01	475	475	350
1	0 205 02	925	475	350
1	0 205 03	975	475	350

Rear and side panels
Fixed with screws

Pack	Cat.Nos Height (mm) 2000	Cat.Nos Height (mm) 2200	
1	0 205 41	0 208 57	Width 475 mm
1	0 205 42	0 208 58	Width 725 mm
1	0 205 43	0 208 59	Width 975 mm

Finishing panels IP 30

Pack	Cat.Nos		
1	0 205 61	0 208 31	IP 30 width 475 mm
1	0 205 62	0 208 32	IP 30 width 725 mm
1	0 205 63	0 208 33	IP 30 width 975 mm

IP 55 strip

Pack	Cat.Nos		
1	0 205 65	0 208 47	IP 55 strip (for use when joining enclosures)

Plinths that can be placed side by side

Pack	Cat.Nos	Height (mm)	Width (mm)	Depth (mm)
1	0 205 11	100	475	475
1	0 205 14	100	725	475
1	0 205 15	100	725	725
1	0 205 17	100	975	475
1	0 205 18	100	975	725
1	0 205 19	100	975	975

Equipment

Functional uprights
Set of 2 functional uprights
For fixing mounting equipment (faceplate, rails…)

Pack	Cat.Nos Height (mm) 2000	Cat.Nos Height (mm) 2200	
1	0 205 12	0 208 52	Reduced functional uprights for enclosure depth 475 mm
1	0 205 13	0 208 53	For enclosure without internal cable sleeve
1	0 205 16	0 208 54	For enclosure with cable sleeve

Support frame for faceplates

Pack	Cat.Nos		
1	0 205 58	0 208 55	Fixed for enclosure width 725 mm or enclosure width 975 mm without internal cable sleeves
1	0 205 59	0 208 56	Fixed for enclosure width 975 mm with internal cable sleeves
1	0 205 68		Pivoting for enclosure width 725 mm
1	0 205 69		Pivoting for enclosure width 975 mm without internal cable sleeves
1	0 205 79		Pivoting for enclosure width 975 mm with internal cable sleeves

Spacer for functional uprights

Pack	Cat.Nos	
1	0 207 50	For fitting DPX on fixing devices or adjustable plates

Fixed crosspieces
Fit onto structural uprights
Fixed crosspieces are required for creating an internal cable sleeve

Pack	Cat.Nos	
1	0 205 21	Set of 2 crosspieces length 350 mm
1	0 205 22	Set of 2 crosspieces length 600 mm
1	0 205 23	Set of 2 crosspieces length 850 mm

Adjustable crosspieces
Fit onto structural uprights
Specifically for busbar supports

Pack	Cat.Nos	
1	0 205 51	Set of 2 crosspieces length 350 mm
1	0 205 52	Set of 2 crosspieces length 600 mm
1	0 205 53	Set of 2 crosspieces length 850 mm

Equipments for partial chassis

Pack	Cat.Nos	
2	0 205 30	Kit consisting of 4 fixing plates for reduced functional uprights Cat.No 0 205 12 To be used when assembling a double partial chassis
1	0 205 31	Set of 2 fixed crosspieces length 350 mm
1	0 205 32	Set of 2 fixed crosspieces length 600 mm

Front covers with hinges and lock

Pack	Cat.Nos Height (mm) 2000	Cat.Nos Height (mm) 2200	
1	0 205 47	0 208 66	For internal cable sleeve
1	0 205 48	0 208 67	For external cable sleeve

Distribution enclosures XL³ 4000 (continued)

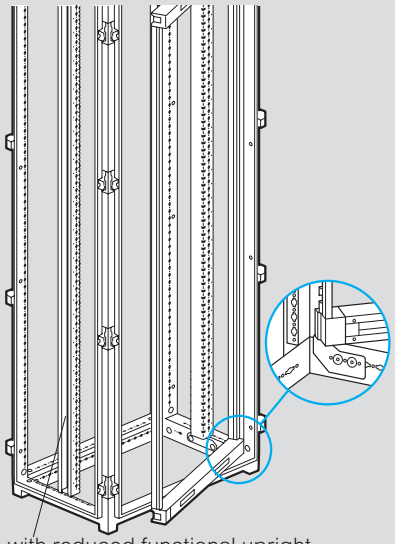
0 205 77

0 205 82

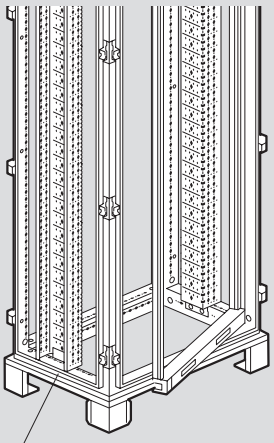
Pack	Cat.Nos	
		Reversible doors
		Supplied with handle Interchangeable key barrels, to be ordered separately For mounting on front, rear or side
	Height (mm) 2000 | 2200	**Curved - metal**
1	0 205 54 | 0 208 61	Width 725 mm
1	0 205 57 | 0 208 62	Width 975 mm
		Curved - glass
1	0 205 64 | 0 208 63	Width 725 mm
1	0 205 67 | 0 208 64	Width 975 mm
		Flat - metal
1	0 205 71 | 0 208 65	Width 475 mm
1	0 205 74	Width 725 mm
1	0 205 77	Width 975 mm
	Height 2000 mm	**Flat - glass**
1	0 205 84	Width 725 mm
1	0 205 87	Width 975 mm
		Mounting equipment
		Joining
1	0 205 86	Screws for structural joining
1	0 205 88	Set of 2 L-shaped reinforcement plates
1	0 205 89	Set of 2 flat reinforcement plates
1	0 205 85	Sealing kit IP 55 for use when joining cabinets - length 5 m
1	0 205 10	Kit for joining plinths
		Lifting rings
1	0 205 82	Set of 4 Max. load: 340 kg per ring

For dimensions and installation principle **p. 383**

Distribution enclosures XL³ 4000

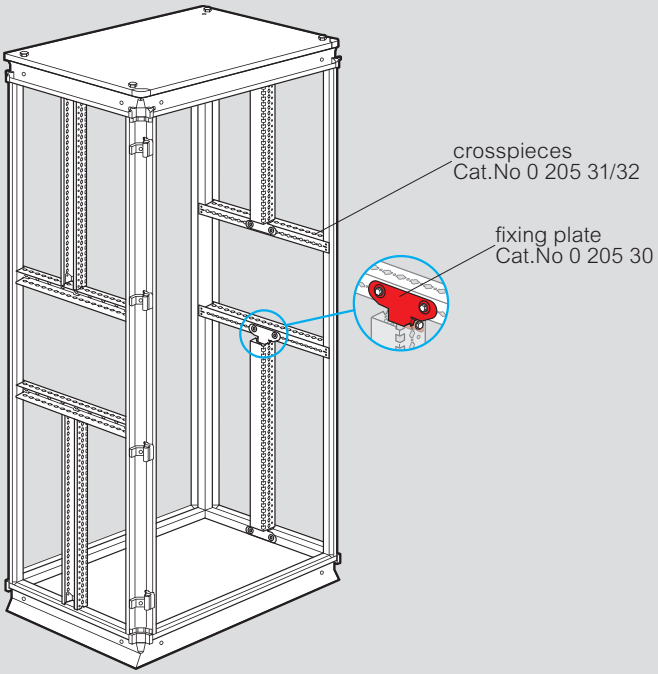


with reduced functional upright
Cat.No 0 205 12



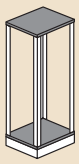
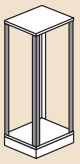
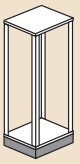
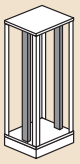
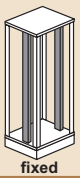
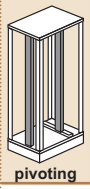
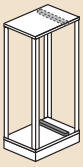
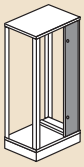
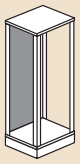
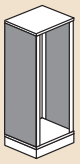
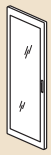
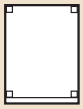
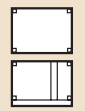
with functional upright
Cat.No 0 205 13

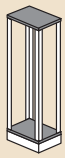
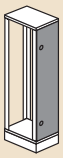
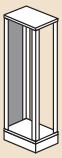
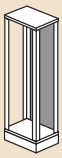
Example of double partial chassis with reduced functional uprights Cat.No 0 205 12



Distribution enclosures XL³ 4000

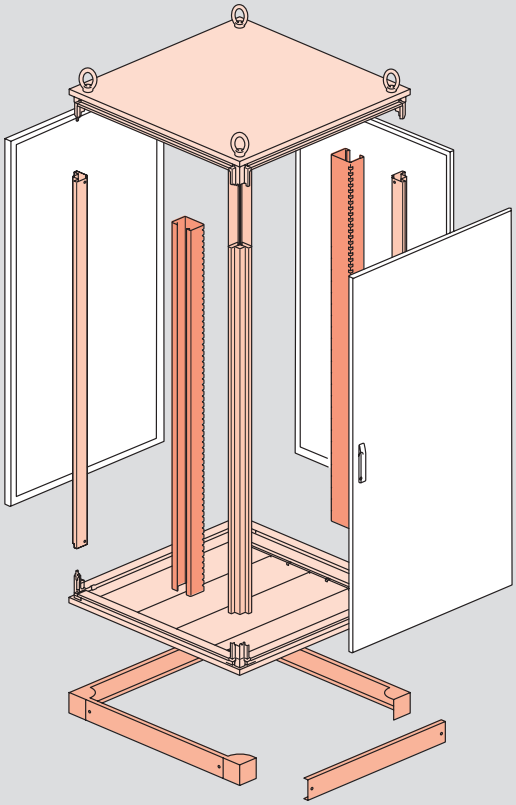
composition table

Enclosures	"Roof-base" assembly	Structural uprights	Plinths	Functional uprights	Faceplate supports		Int. cable sleeves crosspcs	Int. cable sleeves fr. covers	Rear panels	Side panels	Doors			
											Curved		Flat	
											Metal	Glass	Metal	Glass
Height 2000 or 2200 mm Width x Depth					 fixed	 pivoting								
725 x 425	0 205 04	0 205 00 0 208 50(2)	0 205 14	0 205 12 0 208 52(2)	0 205 58 0 208 55(2)	0 205 68	-	-	0 205 42 0 208 58(2)	0 205 41 0 208 57(2)	0 205 54 0 208 61(2)	0 205 64 0 208 63(2)	0 205 74	0 205 84
725 x 725	0 205 05	0 205 00 0 208 50(2)	0 205 15	0 205 13 0 208 53(2)	0 205 58 0 208 55(2)	0 205 68	-	-	0 205 42 0 208 58(2)	0 205 42 0 208 58(2)	0 205 54 0 208 61(2)	0 205 64 0 208 63(2)	0 205 74	0 205 84
 725 x 975	0 205 06	0 205 00 0 208 50(2)	0 205 18	0 205 13 0 208 53(2)	0 205 58 0 208 55(2)	0 205 68	-	-	0 205 42 0 208 58(2)	0 205 43 0 208 59(2)	0 205 54 0 208 61(2)	0 205 64 0 208 63(2)	0 205 74	0 205 84
975 x 475(1)	0 205 07	0 205 00 0 208 50(2)	0 205 17	0 205 12 0 208 52(2) 0 205 16 0 208 54(2)	0 205 58 0 208 55(2) 0 205 59 0 208 56(2)	0 205 69 0 205 79	0 205 21	0 205 47	0 205 43 0 208 59(2)	0 205 41 0 208 57(2)	0 205 57 0 208 62(2)	0 205 67 0 208 64(2)	0 205 77	0 205 87
 975 x 725(1)	0 205 08	0 205 00 0 208 50(2)	0 205 18	0 205 13 0 208 53(2) 0 205 16 0 208 54(2)	0 205 58 0 208 55(2) 0 205 59 0 208 56(2)	0 205 69 0 205 79	0 205 22	0 205 47	0 205 43 0 208 59(2)	0 205 42 0 208 58(2)	0 205 57 0 208 62(2)	0 205 67 0 208 64(2)	0 205 77	0 205 87
975 x 975(1)	0 205 09	0 205 00 0 208 50(2)	0 205 19	0 205 13 0 208 53(2) 0 205 16 0 208 54(2)	0 205 58 0 208 55(2) 0 205 59 0 208 56(2)	0 205 69 0 205 79	0 205 23	0 205 47	0 205 43 0 208 59(2)	0 205 43 0 208 59(2)	0 205 57 0 208 62(2)	0 205 67 0 208 64(2)	0 205 77	0 205 87

External cable sleeves	"Roof-base" assemblie	Structural uprights	Plinths	Front covers	Rear panels	Side panels	Metal doors
Height 2000 or 2200 mm Width x Depth							
475 x 475	0 205 01	0 205 00 0 208 50(2)	0 205 11	0 205 48 0 208 67(2)	0 205 41 0 208 57(2)	0 205 41 0 208 57(2)	0 205 71 0 208 65(2)
475 x 725	0 205 02	0 205 00 0 208 50(2)	0 205 14	0 205 48 0 208 67(2)	0 205 41 0 208 57(2)	0 205 42 0 208 58(2)	0 205 71 0 208 65(2)
475 x 975	0 205 03	0 205 00 0 208 50(2)	0 205 17	0 205 48 0 208 67(2)	0 205 41 0 208 57(2)	0 205 43 0 208 59(2)	0 205 71 0 208 65(2)

1: With internal cable sleeve
2: For enclosure height 2200 mm

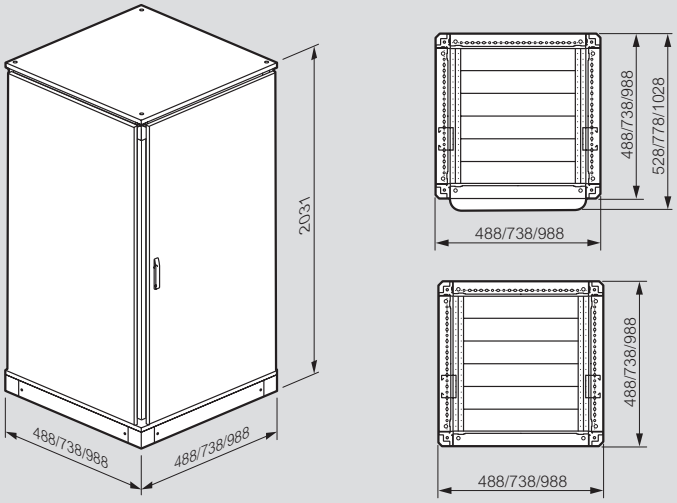
Installation principle



- Roof base
- Structural uprights
- Intermediate structural uprights
- Rear and side panels
- Plinths

Dimensions

External dimensions (mm)



Equipment for XL³ 4000 - for modular devices, Vistop, DPX³ 160/250, DPX-IS 250 on rail

0 206 01

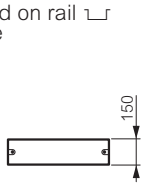
0 262 39

0 208 00

0 209 01

Selection chart **p. 376 to 379**

Pack	Cat.Nos	
		Fixing devices on rail
		Rails
		Comprising: an aluminium profile rail and two 2-position fixing brackets Accept HX³ 125 A plug-in connection row distribution blocks Fit onto functional uprights For mounting DPX³ using fixing plates
	24 modules | 36 modules	
1	0 206 01 | 0 206 51	For fixing on XL³ 800 and XL³ 4000 functional uprights Accept wire guide Cat.No 4 052 25 (p. 395)
		Fixing plates for mounting DPX³ on rail
		For mounting DPX³ on aluminium rail or on plate Cat.Nos 0 206 11/61
1	4 210 71	For DPX³ 160 without side motor-driven handle
1	4 210 73	For DPX³ 160 with earth leakage module without side motor-driven handle
1	4 210 68	For all DPX³ 160 devices with side motor-driven handle
1	4 210 72	For DPX³ 250 without side motor-driven handle
1	4 210 74	For DPX³ 250 with earth leakage module without side motor-driven handle
1	4 210 69	For all DPX³ 250 devices with side motor-driven handle
		Fixing plate for mounting DPX-IS 250 on rail
		For mounting devices on aluminium rail or on plate Cat.Nos 0 206 11/61
1	0 262 39	For DPX-IS 250
		Rail height spacer
		Designed for simultaneous mounting of modular devices and DPX³ 160/250 and DPX-IS 250 devices mounted on rail Cat.Nos 0 206 01/51 or plate Cat.Nos 0 206 11/61
1	4 052 26	For 20 modules
		Metal faceplates
	24 modules | 36 modules	
1	0 208 00[1]	**For modular devices** 1/4 turn
1	0 209 00[2] | 0 209 50[2]	With captive screws
		For Vistop up to 160 A
1	0 208 01[1]	1/4 turn
1	0 209 01[2] | 0 209 51[2]	With captive screws
		For DPX³ and DPX-IS 250
1	0 208 10[1]	1/4 turn
1	0 209 10[2] | 0 209 60[2]	With captive screws



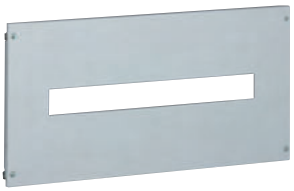
1: For fastening and sealing
2: Hinges Cat.No 0 209 59 (p. 394) available as an option

Equipment for XL³ 4000

for mounting on plate: DPX-IS 250, 630 and 1600

0 206 05

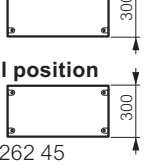
0 208 10



0 209 10

Selection chart **p. 376 to 379**

Pack	Cat.Nos	
		Plates for DPX-IS
		Direct fixing on functional uprights
	24 modules | 36 modules	**Fixed plates for device in vertical position**
1	0 206 05 | 0 206 55	For 1 or 2 DPX-IS 250 front or rear terminals
1	0 206 07 | 0 206 57	For 1 DPX-IS 630 front or rear terminals
1	0 211 00	For 1 DPX-IS 1600 or 1 DPX 1600 front terminals
1	0 211 06 | 0 211 03	For 1 DPX-IS 1600 or 1 DPX 1600 rear terminals
		Fixed plates for device in horizontal position
1	0 206 18	For 1 DPX-IS 250 front or rear terminals
1	0 206 19	For 1 DPX-IS 630 front or rear terminals
		Metal faceplates
	24 modules | 36 modules	**For 1 DPX-IS 250 in vertical position**
1	0 208 10[1]	1/4 turn
1	0 209 10[2] | 0 209 60[2]	With captive screws(2)
		For 2 DPX-IS 250 in vertical position
1	0 208 06[1]	1/4 turn
1	0 209 06[2] | 0 209 60[2]	With captive screws
		For 1 DPX-IS 250 in horizontal position
1	0 209 18[2]	With captive screws
		For 1 DPX-IS 630 in vertical position
1	0 208 07[1]	1/4 turn
1	0 209 07[2] | 0 209 57[2]	With captive screws Does not allow the use of terminal shields Cat.No 0 262 45
		For 1 DPX-IS 630 in horizontal position
1	0 209 19[2]	With captive screws
	24 modules	**For 1 DPX-IS 1600 in vertical position**
1	0 211 13[2]	With captive screws
		For 1 DPX-IS 1600 in horizontal position
1	0 208 36[2]	With captive screws



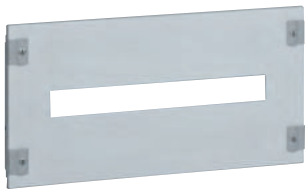
1: For fastening and sealing
2: Hinges Cat.No 0 209 59 (p. 394) available as an option

Download XL³ 4000/6300 Workshop specifications on **www.export.legrand.com**

Equipment for XL³ 4000

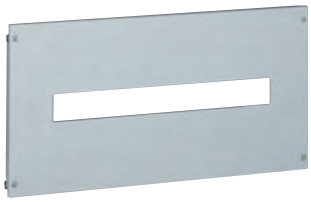
for mounting on fixed plate: DPX³ 160 and DPX³ 250

0 206 11



0 208 10

0 206 17



0 209 10

Selection chart **p. 376 to 379**

Pack	Cat.Nos	
	24 modules | 36 modules	**Plates for fixed version DPX³ 160/250 with front terminals**
		Direct fixing on functional uprights
		Devices in vertical position
1	0 206 11 | 0 206 61	Equipped with a rail ⊔ for fixing DPX³ The DPX³ must be equipped with a fixing plate Cat.Nos 4 210 68/69/71/72 or plate for manual supply inverter Cat.No 4 210 58 Designed for simultaneous mounting of DPX³ 160/250 and modular equipment (with spacer Cat.No 0 262 99)
1	0 206 08	Plate for DPX³ with direct rotary handle The DPX³ must be equipped with a fixing plate Cat.Nos 4 210 68/69
1	0 206 13	Plate for motor-driven transfer switch The transfer switch must be equipped with a fixing plate Cat.Nos 4 210 58
		Devices in horizontal position
		For cut-out protection for cable passing, use seal Cat.No 0 202 40 (p. 394)
	24 modules	
1	0 206 15	For 1 DPX³ 160
1	0 206 17	For 1 DPX³ 250
	24 modules | 36 modules	**Metal faceplates for devices in vertical position**
		For DPX³ without direct rotary handle
1	0 208 10[1]	1/4 turn
1	0 209 10[2] | 0 209 60[2]	With captive screws
1	0 209 27	With captive screws for DPX³ 250 with terminal shields
	24 modules	**For DPX³ with direct rotary handle**
1	0 208 05[1]	1/4 turn
1	0 209 05[2]	With captive screws
		Metal faceplates for devices in horizontal position
		For DPX³ 160 without motor-driven handle
1	0 208 13[1]	1/4 turn
1	0 209 13[2]	With captive screws
		For DPX³ 160 with motor-driven handle and DPX³ 250
1	0 208 17[1]	1/4 turn
1	0 209 17[2]	With captive screws

1: For fastening and sealing
2: Hinges Cat.No 0 209 59 (p. 394) available as an option

Equipment for XL³ 4000

for mounting on fixed plate: DPX³ 125 HP

0 213 00

0 213 02

0 213 01

0 213 03

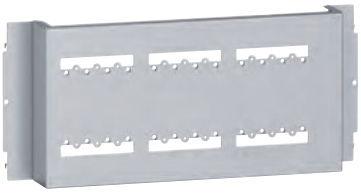
Selection chart **p. 376 to 379**

Pack	Cat.Nos	
		Plates for DPX³ 125 HP, with front terminals
		Direct fixing on functional uprights
	24 modules	**Devices in vertical position**
1	0 213 00	For 1 to 3 DPX³ 125 HP
		Devices in horizontal position
1	0 213 01	For 1 DPX³ 125 HP
		Metal faceplates for devices in vertical position
	24 modules	**For 1 to 3 DPX³ 125 HP**
1	0 213 02	With captive screws
		Metal faceplates for devices in horizontal position
	24 modules	**For 1 DPX³ 125 HP**
1	0 213 03	With captive screws

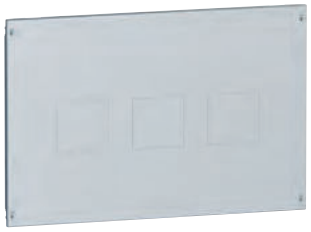
Red catalogue number: New products

Equipment for XL³ 4000

for mounting on fixed plate: DPX³ 250 HP

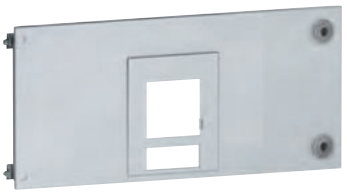


0 213 04



0 213 10

0 213 09



0 213 14

Selection chart **p. 376 to 379**

Pack	Cat.Nos	Plates for DPX³ 250 HP, with front terminals
		Direct fixing on functional uprights
	24 modules	**Devices in vertical position**
1	0 213 04	For 1 to 3 DPX³ 250 HP
1	0 213 05	For 1 to 3 DPX³ 250 HP with rotary handle or motor-driven handle
1	0 213 06	For 1 to 3 DPX³ 250 HP plug-in version or for 1 to 2 DPX³ 250 HP draw-out version
1	0 213 07	For 2 DPX³ 250 HP in transfer switch
		Devices in horizontal position
1	0 213 08	For 1 DPX³ 250 HP
1	0 213 09	For 1 DPX³ 250 HP plug-in or draw-out version

Pack	Cat.Nos	Metal faceplates for devices in vertical position	
	24 modules		
1	0 213 10[1]	For 1 to 3 DPX³ 250 HP fixed or plug-in version or with rotary or motor-driven handle With captive screws	400
1	0 213 11	For 1 to 3 DPX³ 250 HP draw-out version With hinges and lock	400
1	0 213 12	For 2 DPX³ 250 HP in transfer switch With captive screws	300

Pack	Cat.Nos	Metal faceplates for devices in horizontal position	
	24 modules		
1	0 213 13[1]	For 1 DPX³ 250 HP fixed or plug-in version With captive screws	200
1	0 213 14	For 1 DPX³ 250 HP draw-out version With hinges and lock	300

1: Hinges Cat.No 0 209 59 available as an option

Equipment for XL³ 4000

for mounting on fixed plate: DPX³ 630 and DPX³ 1600

0 206 20

0 208 20

Selection chart **p. 376 to 379**

Pack	Cat.Nos	Plates for fixed version DPX³ 630/1600, with front terminals
		Direct fixing on functional uprights
	24 modules | 36 modules	**Devices in vertical position**
1	0 206 20[1] | 0 206 70	For 1 to 3 DPX³ 630
1	0 206 22[1]	For 1 to 3 DPX³ 630 with earth leakage module
1	0 211 00 | 0 211 02	For 1 DPX IS 1600 or 1 DPX³ 1600 front terminal
		Devices in horizontal position For cut-out protection for cable passing, use seal Cat.No 0 202 40 (p. 394)
1	0 206 23	For 1 DPX³ 630 with or without earth leakage module
1	0 211 00 | 0 211 02	For 1 DPX IS 1600 or 1 DPX³ 1600 front terminal

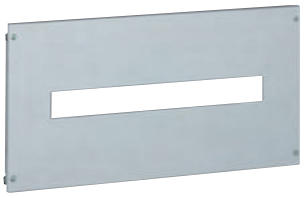
Pack	Cat.Nos	Metal faceplates for devices in vertical position	
	24 modules | 36 modules		
1	0 208 20[2]	**For 1 to 3 DPX³ 630 only** 1/4 turn	400
1	0 209 20[3] | 0 209 70[3]	With captive screws	
1	0 208 22[2]	**For 1 to 3 DPX³ 630 with downstream earthleakage module** 1/4 turn	600
1	0 209 22[3] | 0 209 72[3]	With captive screws	
1	0 211 10[2]	**For 1 DPX³ 1600** 1/4 turn	400
1	0 211 11[3] | 0 211 12[3]	With captive screws	

Pack	Cat.Nos	Metal faceplates for devices in vertical position	
	24 modules		
1	0 208 23[2]	**For 1 DPX³ 630 with or without earth leakage module without motor** 1/4 turn	300
1	0 209 21[3]	With captive screws	
1	0 209 23[3]	**For 1 DPX³ 630 with or without earth leakage module with motor** With captive screws	300
	24 modules | 36 modules		
1	0 208 34[3]	**For 1 DPX³ 1600** 1/4 turn	400
1	0 209 34[3] | 0 209 84[3]	With captive screws	

1: For 2 DPX 630 4P
2: For fastening and sealing
3: Hinges Cat.No 0 209 59 (p. 394) available as an option

Red catalogue number: New products

Equipment for XL³ 4000 - for mounting on adjustable plate: DPX³ 160, DPX³ 250 fixed version



0 209 10

0 208 13

Selection chart **p. 376 to 379**

Pack	Cat.Nos		
			Fixing fixed version DPX³ 160/250 with front or rear terminals
			Adjustable fixing devices for MCCBs in vertical position
			The MCCBs are fixed using special mounting plates
			Allow mounting direct rotary handles and front motor-driven handles
	24 modules	36 modules	
1	0 207 90	0 207 61	For 1 to 3 DPX³
1	0 206 63		For 2 DPX³ in transfer switch
			Mounting plates for devices in vertical position
1	0 207 49		For 1 DPX³ 160
1	0 206 71		For 1 DPX³ 160 in transfer switch
1	0 207 64		For 1 DPX³ 250
1	0 206 73		For 1 DPX³ 250 in transfer switch
			Adjustable plates for devices in horizontal position
	24 modules		
1	0 207 94		For 1 DPX³ 160
1	0 207 96		For 1 DPX³ 250
			Metal faceplates for devices in vertical position
			For DPX³ with or without motor driven handle
	24 modules	36 modules	
1	0 208 10[1]		1/4 turn
1	0 209 10[2]	0 209 60[2]	With captive screws
			For 1 to 3 DPX³ with direct rotary handle
1	0 208 05[1]		1/4 turn
1	0 209 05[2]	0 209 65[2]	With captive screws
			Metal faceplates for devices in horizontal position
			Allow mounting front motor-driven handles
	24 modules		
1	0 208 13[2]		**For 1 DPX³ 160** 1/4 turn
1	0 209 13[1]		With captive screws
1	0 208 17[2]		**For 1 DPX³ 250** 1/4 turn
1	0 209 17[1]		With captive screws

1: Hinges Cat.No 0 209 59 (p. 394) available as an option
2: For fastening and sealing

Equipment for XL³ 4000

for mounting on adjustable plate: plug-in DPX³ 160, DPX³ 250

0 212 11

0 212 13

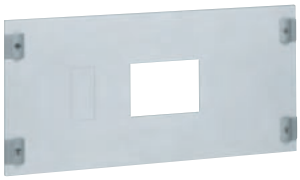
Selection chart **p. 376 to 379**

Pack	Cat.Nos	
		Fixing plug-in version DPX³ 160/250 with front or rear terminals
		Adjustable fixing devices in vertical position
		The devices are fixed using special mounting plates
		Allow mounting direct rotary handles and front motor-driven handles
1	0 207 91	For 1 to 3 DPX³
1	0 206 69	For 2 DPX³ in transfer switch
		Mounting plates for devices in vertical position
1	0 207 59	For 1 DPX³ 160
1	0 206 81	For 1 DPX³ 160 in transfer switch
1	0 207 69	For 1 DPX³ 250
1	0 206 83	For 1 DPX³ 250 in transfer switch
		Adjustable plates for devices in horizontal position
1	0 207 95	For 1 DPX³ 160
1	0 207 97	For 1 DPX³ 250
		Metal faceplates for devices in vertical position
		For 1 to 3 DPX³ with or without front motor-driven handle
1	0 212 11	With hinges and lock
		For 1 to 3 DPX³ with direct rotary handle
1	0 212 08	With hinges and lock
		Metal faceplate for devices in horizontal position
		Allow mounting front motor-driven handles
1	0 212 13	**For 1 DPX³** With hinges and lock

Equipment for XL³ 4000

for mounting on adjustable plates: DPX³ 630 fixed version

0 208 20

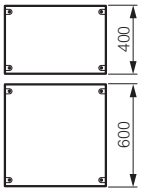


0 208 23

Selection chart **p. 376 to 379**
Installation principle **p. 390**

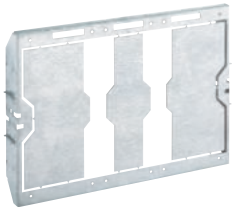
Adjustable plates are used for front terminal/rear terminal connection and mounting of motor-driven or rotary handles

Pack	Cat.Nos	
		Fixing fixed version DPX³ 630, with front or rear terminals
		Adjustable fixing devices for MCCBs in vertical position
	24 modules | 36 modules	The MCCBs are fixed using special plates
1	0 207 20 | 0 207 70	For 1 to 3 DPX³ 630
1	0 207 22 | 0 207 72	For 1 to 3 DPX³ 630 with earth leakage module
		Mounting plates for devices in vertical position
	24 modules	
1	0 207 85	DPX³ 630
1	0 207 86	DPX³ 630 with earth leakage module
		Adjustable plates for devices in horizontal position
	24 modules	
1	0 207 93	For 1 DPX³ 630 with or without elcbs
		Metal faceplates for devices in vertical position
	24 modules | 36 modules	**For 1 to 3 DPX³ 630 only**
1	0 208 20[1]	1/4 turn
1	0 209 20[2] | 0 209 70[2]	With captive screws
		For 1 to 3 DPX³ 630 with downstream elcbs
1	0 208 22[1]	1/4 turn
1	0 209 22[2] | 0 209 72[2]	With captive screws
		Metal faceplates for devices in horizontal position
	24 modules	**For 1 DPX³ 630 with or without elcbs**
1	0 208 23[1]	1/4 turn
1	0 209 21[2]	With captive screws
		For 1 DPX³ 630 with or without elcbs with motor-driven or rotary handle
1	0 209 23[2]	With captive screws



1: For fastening and sealing
2: Hinges Cat.No 0 209 59 (p. 394) available as an option

Equipment for XL³ 4000 - for mounting on adjustable plates: DPX³ 630 plug-in, draw-out version or automatic transfer switches



0 210 60

0 210 62

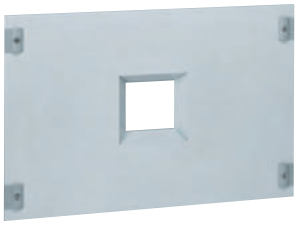
Selection chart **p. 376 to 379**
Installation principle **p. 390**

Adjustable plates are used for front terminal/rear terminal connection and mounting of motor-driven or rotary handles

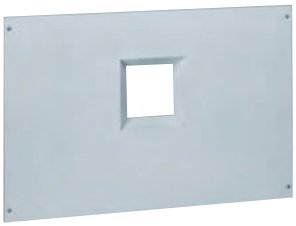
Pack	Cat.Nos	
		Fixing plug-in or draw-out version DPX³ 630, with front or rear terminals
		Adjustable fixing devices for MCCBs in vertical position
		The MCCBs are fixed using special plates
1	0 210 60	For 1 to 2 DPX³ 630
1	0 210 61	For 1 to 2 DPX³ 630 with elcbs
		Mounting plates for devices in vertical position
1	0 210 62	For device only
1	0 210 63	For device with elcbs
1	0 207 98	For plug-in or draw-out device with or without elcbs
		Metal faceplates for plug-in devices
		Faceplates with hinges and lock
		Devices in vertical position
1	0 210 64	For 1 to 2 DPX³ 630
1	0 210 65	For 1 to 2 DPX³ 630 with elcb
		Devices in horizontal position
1	0 212 17	For device with or without elcbs
		Metal faceplates for draw-out devices
		Faceplates with hinges and lock
		Devices in vertical position with or without rotary handle
1	0 210 70	For 1 DPX³ 630 without elcb
1	0 210 71	For 1 DPX³ 630 with elcb
		Devices in vertical position with motor-driven handle
1	0 210 72	For 1 device without elcb
		Devices in horizontal position
1	0 212 18	For 1 device with or without downstream earth leakage module with or without rotary handle
1	0 212 19	For 1 device with or without elcbs mounted underneath with motor-driven handle
		Fixing automatic transfer switches DPX³ 630
		Devices in vertical position
1	0 210 66	For 2 fixed or draw-out devices
		Devices in horizontal position
1	0 210 73	For 2 fixed or draw-out devices
		Metal faceplates for automatic transfer switches
		For fixed version DPX³ 630
		With captive screws
		For 2 devices with or without motor-driven handle
1	0 210 67	Devices in vertical position
1	0 210 76	Devices in horizontal position
		For draw-out DPX³ 630 in vertical position
		With hinges and lock
1	0 210 68	For 2 devices
1	0 210 69	For 2 devices with motor-driven handle
		For draw-out DPX³ 630 in horizontal position
1	0 210 74	For 2 devices
1	0 210 75	For 2 devices with motor-driven handle

Equipment for XL³ 4000

for mounting on adjustable plates: DPX³ 1600 fixed version



0 211 10



0 209 34

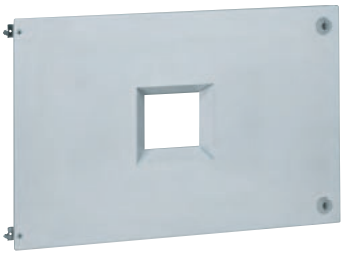
Selection chart **p. 376 to 379**
Installation principle **p. 391**

Adjustable plates are used for front terminal/rear terminal connection and mounting of motor-driven or rotary handles

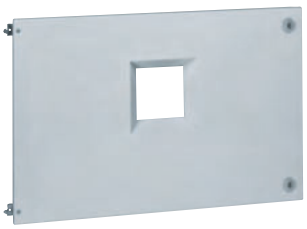
Pack	Cat.Nos	
	24 modules | 36 modules	**Fixing fixed version devices**
		Adjustable plates for devices in vertical position
1	0 211 04	For 1 DPX³ 1600 with front terminals
1	0 211 06 | 0 211 03	For 1 DPX-IS 1600 or 1 DPX³ 1600 with rear terminals
		Fixed plate for devices in horizontal or vertical position
	24 modules | 36 modules	
1	0 211 00[3] | 0 211 02	For 1 DPX³ 1600 or DPX-IS 1600 front terminals
		Adjustable plate for devices in horizontal position
1	0 207 36	For 1 DPX-IS 1600 or DPX³ 1600 rear terminals in vertical position
		Metal faceplates for devices in vertical position
	24 modules | 36 modules	
1	0 211 10[1]	**For 1 DPX³ 1600 only** 1/4 turn With captive screws
1	0 211 11[2] | 0 211 12[2]	
	24 modules	**For 1 DPX³ 1600 with rotary or motor-driven handle** With captive screws
1	0 211 14[2]	
		Metal faceplates for devices in horizontal position
	24 modules | 36 modules	
1	0 208 34[1]	**For 1 DPX³ 1600 only** 1/4 turn With captive screws
1	0 209 34[2] | 0 209 84[2]	
	24 modules	**For 1 DPX³ 1600 rear terminals with motor-driven or rotary handle and front terminals with rotary handle** With captive screws
1	0 209 35[2]	
		For 1 DPX³ 1600 front terminals with motor-driven handle With captive screws
1	0 209 36[2]	

1: For fastening and sealing
2: Hinges Cat.No 0 209 59 (p. 394) available as an option
3 : DPX-IS only in vertical position

Equipment for XL³ 4000 - for mounting on adjustable plates: DPX³ 1600 draw-out version and automatic transfer switches



0 211 15



0 212 34

Selection chart **p. 376 to 379**
Installation principle **p. 391**

Adjustable plates are used for front terminal/rear terminal connection and mounting of motor-driven or rotary handles

Pack	Cat.Nos	
		Fixing draw-out version DPX³ 1600, with front or rear terminals
	24 modules	
		Adjustable plates for devices in vertical position
1	0 211 05	For 1 DPX³ 1600
		Adjustable plates for devices in horizontal position
1	0 207 35	For 1 DPX³ 1600 with rear terminals
		Metal faceplates for draw-out version
		Faceplates with hinges and lock
	24 modules	**Devices in vertical position**
1	0 211 15	For 1 DPX³ 1600
1	0 211 16	For 1 DPX³ 1600 with motor-driven or rotary handle
		Devices in horizontal position
1	0 212 34	For 1 DPX³ 1600
1	0 212 35	For 1 DPX³ 1600 with motor-driven or rotary handle
		Fixing automatic transfer switch version DPX³ 1600
	24 modules	**Devices in horizontal position**
1	0 206 86	For 2 fixed DPX³ 1600
1	0 206 87	For 2 draw-out DPX³ 1600
		Metal faceplates for automatic transfer switches
	24 modules	**For fixed version DPX³ 1600** With captive screws
1	0 209 86[1]	For 2 DPX³ 1600
1	0 209 87[1]	For 2 DPX³ 1600 with motor-driven handle

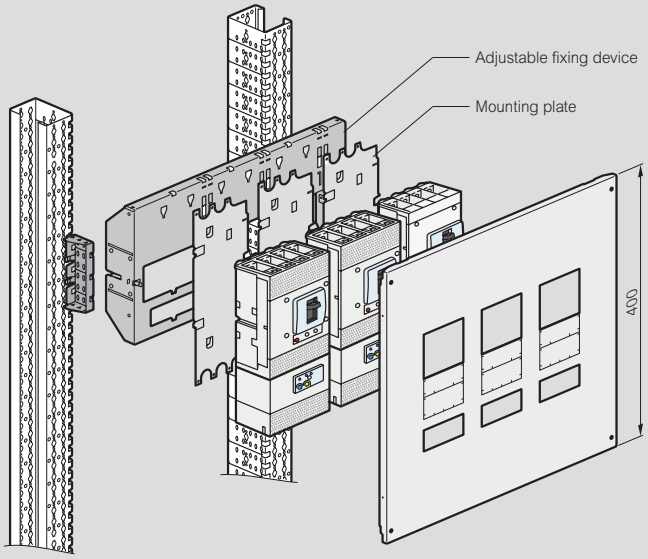
1: Hinges Cat.No 0 209 59 (p. 394) available as an option

XL³ 4000 - equipment for mounting on adjustable plates:
DPX³ 630 fixed version

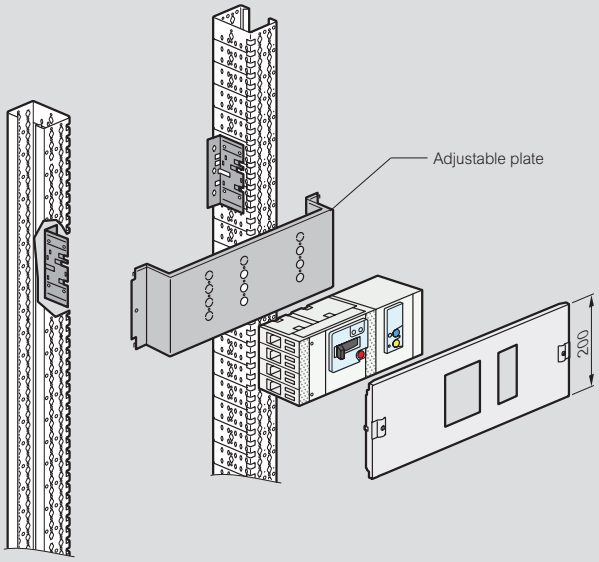
Installation principle

Fixing devices or sliding plates are used for mounting DPX³, without the use of screws, in all configurations due to the indexing of the functional uprights

Fixing devices in vertical position



Fixing devices in horizontal position

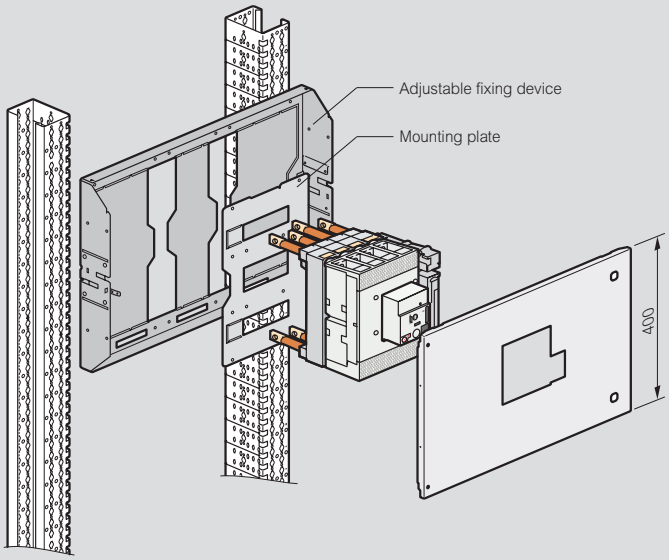


XL³ 4000 - equipment for mounting on adjustable plates:
DPX³ 630 plug-in, draw-out version or supply invertors

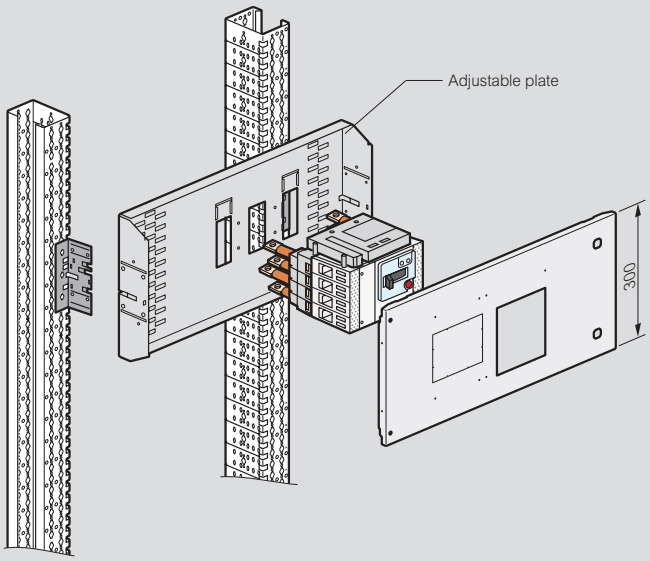
Installation principle

Fixing devices or sliding plates are used for mounting DPX³, without the use of screws, in all configurations due to the indexing of the functional uprights

Fixing devices in vertical position



Fixing devices in horizontal position

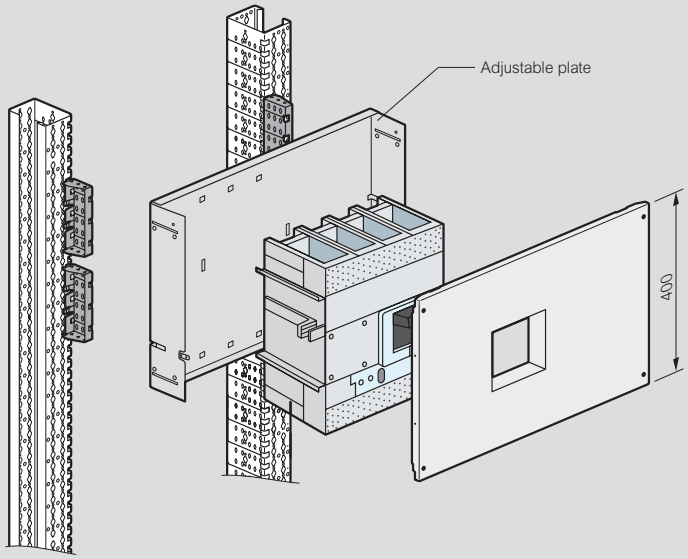


XL³ 4000 - equipment for mounting on adjustable plates:
DPX³ 1600 fixed version

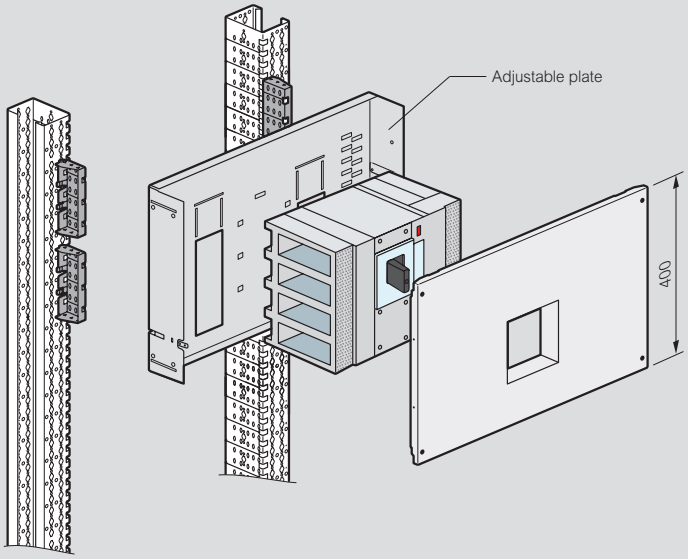
Installation principle

Sliding plates are used for mounting DPX³, without the use of screws, in all configurations due to the indexing of the functional uprights

Fixing devices in vertical position



Fixing devices in horizontal position

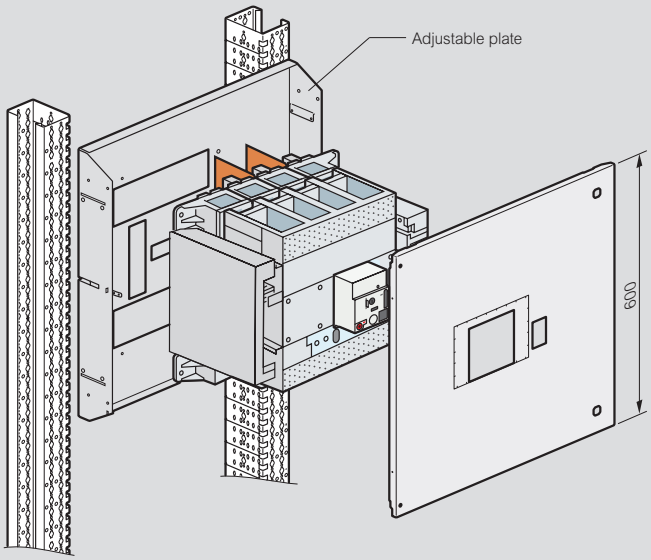


XL³ 4000 - equipment for mounting on adjustable plates:
DPX³ 1600 draw-out version and supply invertors

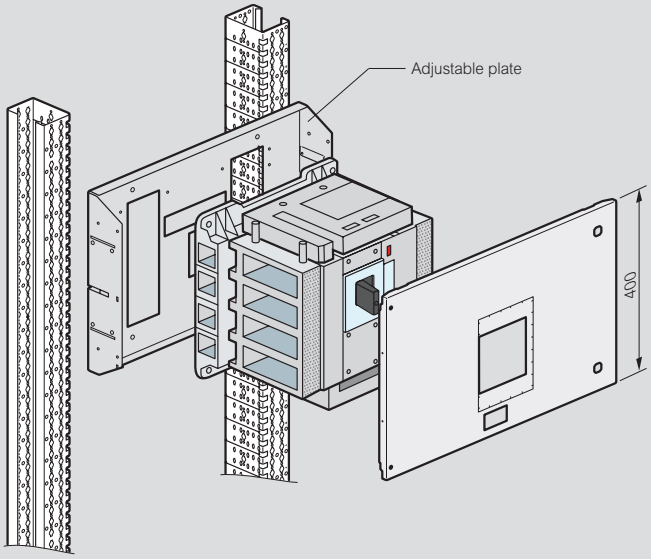
Installation principle

Sliding plates are used for mounting DPX³, without the use of screws, in all configurations due to the indexing of the functional uprights

Fixing devices in vertical position



Fixing devices in horizontal position



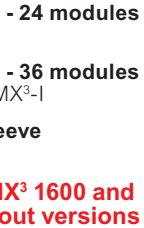
Equipment for XL³ 4000 - for mounting on plate:
DMX³ 1600 and DMX³-I fixed or draw-out version

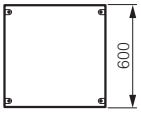
0 207 80

0 209 38

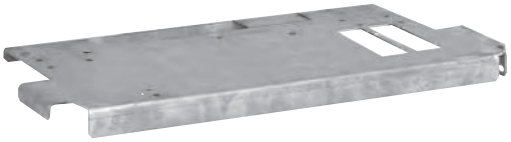
Selection chart **p. 376 to 379**
Installation principle **p. 393**

Pack	Cat.Nos	
		Fixing devices for DMX³ 1600 and DMX³-I
		Fixing plates for XL³ 4000 - 24 modules
1	0 207 80	For 1 DMX³ 1600 or DMX³-I
		Fixing plates for XL³ 4000 - 36 modules
1	0 207 81	For 1 or 2 DMX³ 1600 or DMX³-I
		Fixing plates for cable sleeve
1	0 207 79	For 1 DMX³ 1600 or DMX³-I
		Metal faceplates for DMX³ 1600 and DMX³-I fixed and draw-out versions
	24 modules / 36 modules	
		Width 600 mm
1	0 210 84	For 1 DMX³ 1600 or DMX³-I fixed version
1	0 210 85	For 1 DMX³ 1600 or DMX³-I draw-out version
		Width 850 mm
1	0 210 86	For 1 DMX³ 1600 or DMX³-I fixed version
1	0 210 87	For 1 DMX³ 1600 or DMX³-I draw-out version
1	0 210 88	For 2 DMX³ 1600 or DMX³-I fixed version side by side
1	0 210 89	For 2 DMX³ 1600 or DMX³-I draw-out version side by side
		Faceplates for cable sleeve
1	0 210 80	For 1 DMX³ 1600 or DMX³-I fixed version
1	0 210 81	For 1 DMX³ 1600 or DMX³-I draw-out version
		Metal solid faceplates for cable sleeve
		Height (mm)
1	0 210 82	200
1	0 210 83	600





Equipment for XL³ 4000 - for mounting on plate:
DMX³ 2500 and 4000 and DMX³-I fixed or draw-out version

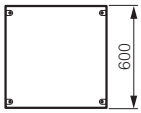


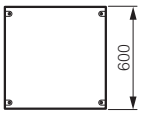
0 207 51

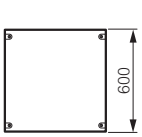
0 209 38

Selection chart **p. 376 to 379**
Installation principle **p. 393**

Pack	Cat.Nos		
			Fixing devices for DMX³ 2500 / 4000 and DMX³-I
	24 modules	36 modules	
			For DMX³ fixed version
1	0 207 51		For 1 DMX³ 2500/4000, N/H/L, 3P/4P, and DMX³-I Width 600 mm
1		0 207 52	For 1 DMX³ 2500/4000, N/H/L, 3P/4P, and DMX³-I Width 850 mm
			For DMX³ draw-out version
1	0 207 53		For 1 DMX³ 2500/4000, N/H/L, 3P/4P, and DMX³-I Width 600 mm
1		0 207 54	For 1 DMX³ 2500/4000, N/H/L, 3P/4P, and DMX³-I Width 850 mm
			Metal faceplates for DMX³ 2500 / 4000 and DMX³-I fixed or draw-out version
			Faceplates with hinges and lock
			Width 600 mm
1	0 209 38		For 1 DMX³ 2500/4000, N/H/L, 3P, or 1 DMX³ 2500, N/H, 4P or 1 DMX³-I 2500
1	0 209 39		For 1 DMX³-L 2500, 4P, or 1 DMX³ 4000, N/H/L, 4P or 1 DMX³-I 4000
			Width 850 mm
1		0 209 48	For 1 DMX³ 2500/4000, N/H/L, 3P/4P or 1 DMX³-I 2500/4000





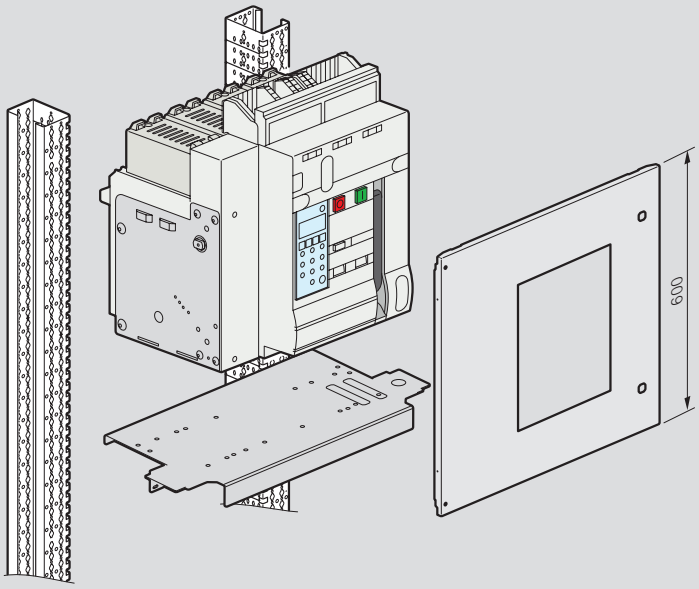


equipment for mounting on plate: DMX³ and DMX³-I fixed or draw-out version

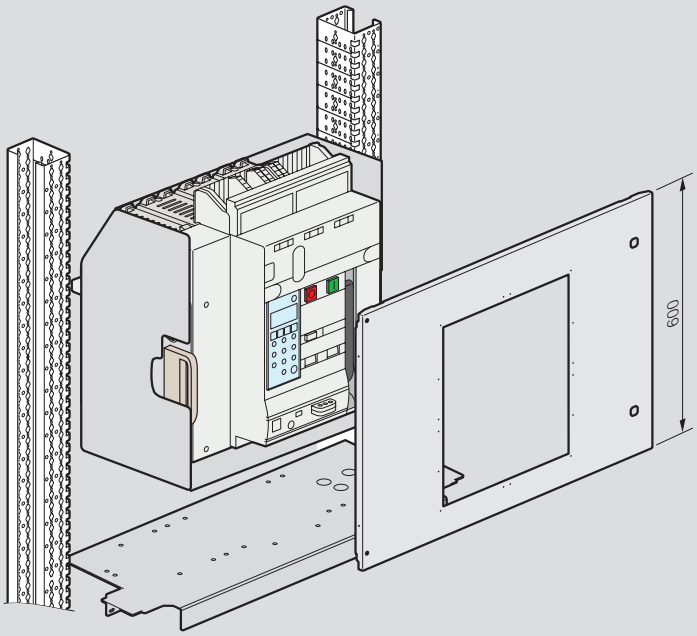
Installation principle

Fixing plates are fixed directly onto the functional uprights

For fixed version DMX³



For draw-out version DMX³



Solid faceplates for XL³ 4000

0 208 44

0 209 59

Metal solid faceplates

Pack	Cat.Nos	
		1/4 turn For fastening and sealing
	24 modules	Height (mm)
1	0 208 40	50
1	0 208 41	100
1	0 208 42	150
1	0 208 43	200
1	0 208 44	300
1	0 208 45	400
1	0 208 46	600
		With captive screws Hinges Cat.No 0 209 59 available as an option
	24 modules | 36 modules	Height (mm)
1	0 209 40 | 0 209 90	50
1	0 209 41 | 0 209 91	100
1	0 209 42 | 0 209 92	150
1	0 209 43 | 0 209 93	200
1	0 209 44 | 0 209 94	300
1	0 209 45 | 0 209 95	400
1	0 209 46 | 0 209 96	600

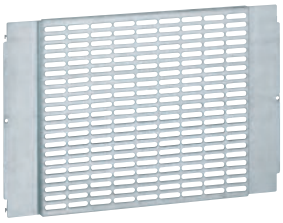
Accessories for natural ventilation

		Assist natural ventilation Screw mounting
	24 modules	**Perforated faceplates**
1	0 209 49	Height 200 mm
		Perforated panels
1	0 205 44	For plinth 725 mm width
		Distance piece
1	0 205 46	Distance piece for roof heightening

Accessories for faceplates

		Hinges
1	0 209 59	Set of 2 Fit on screw mounting faceplates
		Blanking plates For metal or insulated faceplates
10	0 016 65	18 modules, can be separated into modules or 1/2 modules
		Clip-on holder for adhesive labels
		Supplied with sheet of labels for marking rows on faceplate
10	3 397 55	24 modules

Universal plates for XL³ 4000



0 206 42

0 206 02

Universal plates

Pack	Cat.Nos	
		Fit onto the functional uprights
		Perforated plates width 600 mm
1	0 206 41	Height 200 mm
1	0 206 42	Height 400 mm
		Solid plates width 600 mm
1	0 206 43	Height 200 mm
1	0 206 44	Height 400 mm
1	0 206 45	Height 600 mm
		Solid plates width 850 mm
1	0 206 46	Height 400 mm
		Adjustable solid plates
1	0 206 40	Height 100 mm, width 600 mm
1	0 206 47	Height 200 mm, width 600 mm
1	0 206 48	Height 400 mm, width 600 mm
1	0 206 49	Height 200 mm, width 850 mm
1	0 206 90	Height 100 mm, width 850 mm

Protection seal

1	0 202 40	For cut-out protection on plate Length 10 m, can be cut to length

Solid mounting plate

		Supplied with depth adjustment runner
1	0 205 40	Height 1800 mm, width 600 mm

Universal ⌙ rails

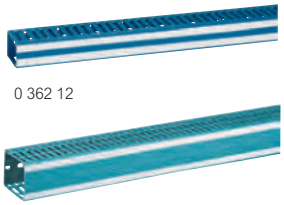
		Fit onto the functional uprights
1	0 206 04	Width 600 mm (24 modules)
1	0 206 54	Width 850 mm (36 modules)

Adjustable universal fixing devices

		Comprising a ⌙ rail and 2 adjustable fixing brackets Fit onto the functional uprights
1	0 206 02	For 24 modules cabinets and enclosures
1	0 206 52	For 36 modules cabinets and enclosures

Accessories for XL³ 4000

0 209 89



0 362 12

0 362 13

4 052 25

0 205 29

Pack	Cat.Nos	Lighting for panel
		Lighting kit
1	0 209 89	Kit for metal XL³ 800/4000, comprising fluorescent lamp, fixings and metal screw-mounting faceplate
		Wiring
		Lina 25 ducting fixing supports For horizontal and vertical mounting and height adjustment of Lina 25 ducting Fit directly onto the functional uprights
1	0 204 70	Set of 2, for 36 module enclosures
1	0 205 70	Set of 2, for 24 module enclosures
		Lina 25 ducting Length: 2 m Width x Height (mm)
48	0 362 07	40 x 60
40	0 362 08	40 x 80
32	0 362 12	60 x 60
32	0 362 13	60 x 80
		Wire guides
12	4 052 25	For horizontal wiring Fits directly on 2-position aluminium rail Accepts Lina 25 ducting covers

Pack	Cat.Nos	Accessories
		Clip nuts and screws 1/4 fastening on front panel
20	0 200 92	Clip nuts for M6 screws
50	0 200 91	M6 screws
		Aerosol paint spray
6	0 200 98	RAL 7035 - 400 ml
		Cable fixing supports
1	0 205 21	Set of 2 crosspieces length 350 mm
1	0 205 22	Set of 2 crosspieces length 600 mm
1	0 205 23	Set of 2 crosspieces length 850 mm
		Roof reinforcement bracket
1	0 205 29	Set of 2 brackets for XL³ 4000 - CEP Zucchini connection

Download XL³ 4000/6300 Workshop specifications on **www.export.legrand.com**

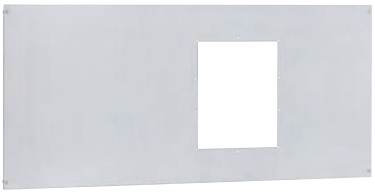
Distribution enclosures XL³ 6300

0 211 37

Assembly consisting of:
- Roof-base Cat.No 0 211 35
- Structural uprights Cat.No 0 211 36
- Functional uprights Cat.No 0 211 37
- Rear panel Cat.No 0 211 41
- Support frame for faceplates Cat.No 0 208 55
- Lifting rings Cat.No 0 205 82

0 208 00

0 211 40



0 211 39

IP 30 - IK 07
Consist of the combination of a "roof-base" assembly, structural uprights, rear and side panels RAL 7035, plinths RAL 7004
Height 2200 mm, usable faceplate height 2000 mm

Enclosures modular metal

Pack	Cat.Nos		Depth (mm)	Width (mm) external	Width (mm) usable
		Structural uprights Fit onto the "roof-base" assembly Take the side and rear panels			
1	0 211 36	Set of 4 uprights			
		"Roof-base" for enclosure Fitted with cable entry plates Take the structural uprights			
1	0 211 33		475	1425	1300
1	0 211 34		725	1425	1300
1	0 211 35		975	1425	1300
		Side panels Fixed with screws			
1	0 208 57	Width 475 mm			
1	0 208 58	Width 725 mm			
1	0 208 59	Width 975 mm			
		Rear panel Fixed with screws			
1	0 211 41	Width 1300 mm (supplied in two parts)			
		Finishing panels IP 30			
1	0 211 48	1300 x 2000 mm			
		Plinths that can be placed side by side	Height (mm)	Depth (mm)	Width (mm)
1	0 211 30		100	475	1425
1	0 211 31		100	725	1425
1	0 211 32		100	975	1425

Equipment

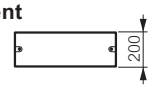
Pack	Cat.Nos	
		Functional uprights For fi xing mounting equipment (faceplate, rails…)
1	0 211 37	Set of 2 functional uprights
		Support frame for faceplates
1	0 208 55	Fixed for enclosure width 725 mm or enclosure width 975 mm
		Isolating supports for busbars 6300 A Supports for 3 bars 200 x 10 mm (per phase)
1	0 373 12	Fixed support
1	0 373 13	Additional support Mounted in addition to fixed support Cat.No 0 373 12 to comply with the distances (depending on the Isc)

Mounting equipment

Pack	Cat.Nos	
		Joining
1	0 205 86	Screws for structural joining
1	0 205 88	Set of 2 L-shaped reinforcement plates
1	0 205 89	Set of 2 flat reinforcement plates
		Lifting rings
1	0 205 82	Set of 4 Max. load: 480 kg per ring

Fixing modular devices on rail ⌙⌡

Pack	Cat.Nos	
		Rail ⌙⌡ Comprising: an aluminium profile rail and two 2-position fixing brackets Fit onto functional uprights
1	0 211 42	For fixing on XL³ 6300 functional uprights 36 modules
		Metal faceplate for ⌙⌡ **rail equipment**
1	0 208 00	Height 200 mm



Fixing devices for DMX³ 6300

Pack	Cat.Nos	
		Fixing plates
1	0 211 38	For 1 DMX³ 6300 3P/4P fixed version
1	0 211 40	For 1 DMX³ 6300 3P/4P draw-out version
		Metal faceplate
1	0 211 39	For 1 DMX³ 6300 3P/4P fixed or draw-out version

Metal solid faceplates

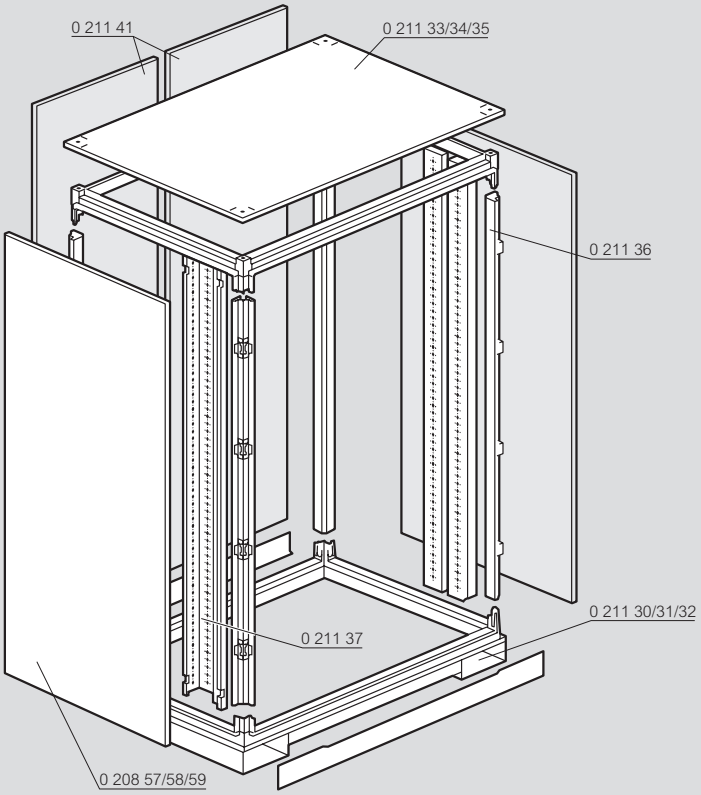
Pack	Cat.Nos	
1	0 211 44	Height 200 mm, width 1300 mm
1	0 211 45	Height 400 mm, width 1300 mm

Forms of separation equipment

Pack	Cat.Nos	
1	0 211 46	DMX³ 6300 compartment kit (form 4b)
1	0 211 47	Partitionning for 6300 A busbars
1	0 211 49	Kit for horizontal separation (up and down)

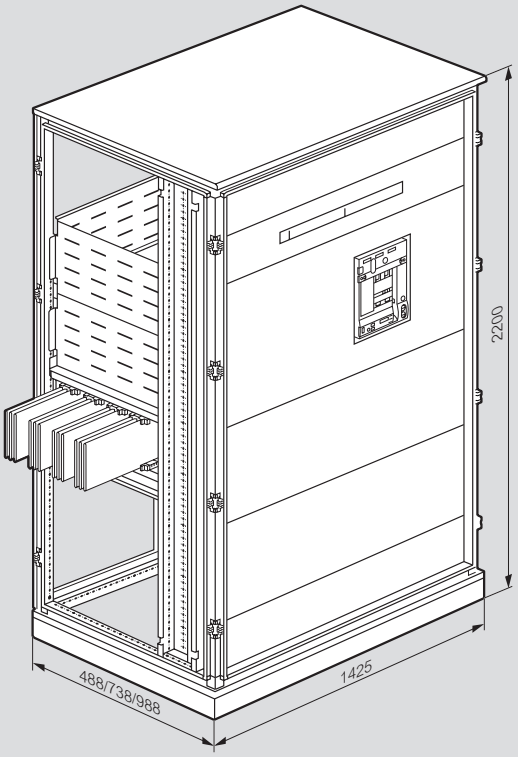
Download XL³ 4000/6300
Workshop specifications on
www.export.legrand.com

Installation principle

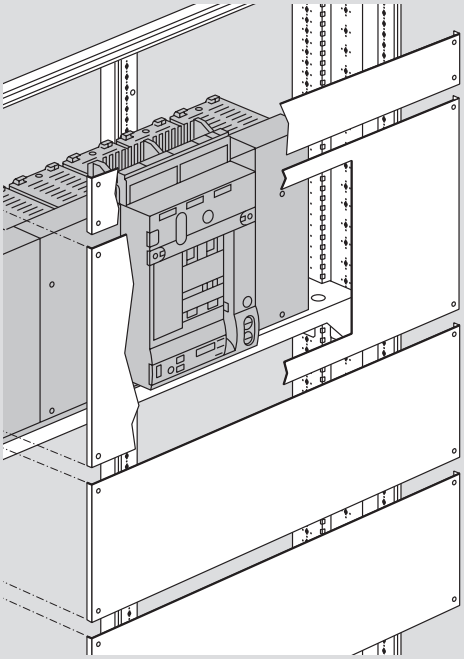


Dimensions

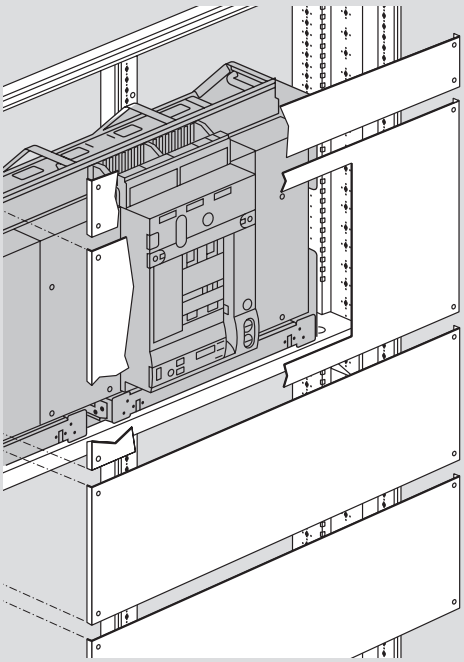
External dimensions (mm)



Mounting DXM³ 6300 fixed version with Cat.No 0 211 38



Mounting DMX³ 6300 draw-out version with Cat.No 0 211 40



Forms of separation equipment for XL³ 4000 and 6300

Designation	Complementary information	Forms of separation and type of connection (terminals)								Forms of separation and type of connection (terminals)											
		2a		2b						3a		3b				4a				4b	
		rear terminals		front terminals			rear terminals			rear terminals		front terminals			rear terminals	front terminals				rear terminals	
	For enclosures / cable sleeves depth :	725 mm	975 mm	475 mm	725 mm	975 mm	725 mm	975 mm		725 mm	975 mm	475 mm	725 mm	975 mm	725 mm	975 mm	475 mm	725 mm	975 mm	725 mm	975 mm
Top or bottom horizontal separation kit	width 24 modules	0 208 91											0 208 91			0 208 91					0 208 91
	width 36 modules	0 208 99											0 208 99			0 208 99					0 208 99
Front panel partitioning DMX³	width 24 modules	0 208 08								0 208 08											
	width 36 modules	0 208 09								0 208 09											
Front panel side partitioning										0 208 68					0 208 68						0 208 68
Horizontal partitioning for functional units	width 24 modules						0 208 92			0 208 92			0 208 92		0 208 92			0 208 92			0 208 92
	width 36 modules						0 205 92			0 205 92			0 205 92		0 205 92			0 205 92			0 205 92
Kit for vertical separation between enclosure and cable sleeve	for enclosure			0 208 27	0 208 28	0 208 29						0 208 27	0 208 28	0 208 29			0 208 27	0 208 28	0 208 29		
Kit for vertical separation between internal cable sleeve and external cable sleeve	for enclosure			0 208 37	0 205 38	0 205 39						0 208 37	0 208 38	0 208 39			0 208 37	0 208 38	0 208 39		
L-shaped separation kit for horizontal busbars 1600 A max.	for enclosure			0 205 36								0 205 36					0 205 36				
U-shaped separation kit for horizontal busbars 1600 A max.	for enclosure				0 205 37								0 205 37					0 205 37			
L-shaped separation kit for horizontal busbars 4000 A max.	for enclosure				0 205 38								0 205 38					0 205 38			
U-shaped separation kit for horizontal busbars 4000 A max.	for enclosure					0 205 39								0 205 39					0 205 39		
U-shaped separation kit for horizontal busbars 6300 A max.	for XL³ 6300 enclosures			0 211 47								0 211 47					0 211 47				
U-shaped separation kit for horizontal busbars 1600 A max.	for internal cable sleeves			0 208 70	0 208 71							0 208 70	0 208 71				0 208 70	0 208 71			
U-shaped separation kit for horizontal busbars 4000 A max.	for internal cable sleeves				0 208 72	0 208 76							0 208 72	0 208 76				0 208 72	0 208 76		
U-shaped separation kit for horizontal busbars 1600 A max.	for external cable sleeves			0 208 73	0 208 74							0 208 73	0 208 74				0 208 73	0 208 74			
U-shaped separation kit for horizontal busbars 4000 A max.	for external cable sleeves				0 208 75	0 208 86							0 208 75	0 208 86				0 208 75	0 208 86		
Side vertical divider for DPX³ 1600				0 205 96								0 205 96					0 205 96				
Side partition with and caps for functional units separation	height 200 mm											0 205 97					0 205 97				
	height 300 mm											0 205 98					0 205 98				
	height 400 mm											0 205 99					0 205 99				
Vertical partitionning for rear busbars	for enclosure						0 208 48	0 208 49							0 208 48	0 208 49					
Partitionning for rear busbars	height 200 mm						0 208 77								0 208 77						
	height 300 mm						0 208 78								0 208 78						
	height 400 mm						0 208 79								0 208 79						
Horizontal busbar partitioning	for enclosure						0 208 93	0208 94							0 208 93	0 208 94					0 208 94
Rear vertical partitioning															0 208 69						0 208 69
DPX³ compartment kit	height 200 mm																				0 208 87
	height 300 mm																				0 208 88
	height 400 mm																				0 208 89
Partitionning for cell without horizontal busbars	to close last DPX³ compartment																				0 208 95
Bottom busbar area closure																					0 208 96
Rear partitioning divider for space compartment																					0 208 97
DMX³ 1600, compartment kit	for cables sleeve	0 210 94	0 210 95		0 210 94	0 210 95	0 210 94	0 210 95		0 210 94	0 210 95		0 210 94	0 210 95	0 210 94	0 210 95		0 210 94	0 210 95	0 210 94	0 210 95
	width 24 modules for enclosure	0 210 96	0 210 97		0 210 96	0 210 97	0 210 96	0 210 97		0 210 96	0 210 97		0 210 96	0 210 97	0 210 96	0 210 97		0 210 96	0 210 97	0 210 96	0 210 97
	width 36 modules for enclosure	0 210 98	0 210 99		0 210 98	0 210 99	0 210 98	0 210 99		0 210 98	0 210 99		0 210 98	0 210 99	0 210 98	0 210 99		0 210 98	0 210 99	0 210 98	0 210 99
DMX³ 2500/4000, compartment kit	width 24 modules for enclosure				0 208 02	0 208 18	0 208 02	0 208 18					0 208 02	0 208 18	0 208 02	0 208 18		0 208 02	0 208 18	0 208 02	0 208 18
	width 36 modules for enclosure				0 208 03	0 208 19	0 208 03	0 208 19					0 208 03	0 208 19	0 208 03	0 208 19		0 208 03	0 208 19	0 208 03	0 208 19
DMX³ 2500/4000, compartment kit	for XL³ 6300 enclosures				0 211 46		0 211 46						0 211 46		0 211 46			0 211 46			0 211 46
DMX³ 6300, kit for horizontal separation	for XL³ 6300 enclosures				0 211 49		0 211 49						0 211 49		0 211 49			0 211 49			0 211 49

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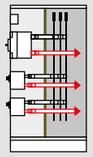
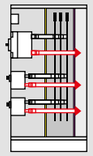
Forms 2a to 4b for XL³ 4000 and 6300

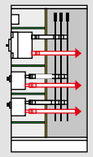
Definitions (standard EN 60439-1)



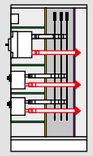
Form 2a
Separation of the busbars from the functional units
The terminals for external conductors do not need to be separated from the busbars



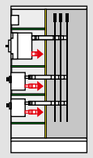
Form 2b
Separation of the busbars from the functional units
The terminals for external conductors are separated from the busbars



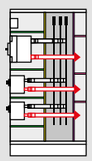
Form 3a
Separation of the busbars from the functional units, separation of the terminals for external conductors from the functional units and separation of all the functional units from one another
The terminals for external conductors do not need to be separated from the busbars



Form 3b
Separation of the busbars from the functional units and separation of all the functional units from one another
Separation of the terminals for external conductors from the functional units but not from each other
The terminals for external conductors do not need to be separated from the busbars



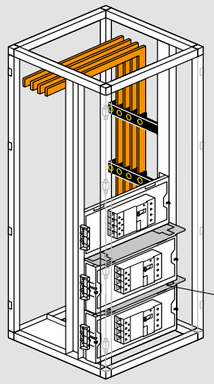
Form 4a
Separation of the busbars and the functional units and separation of all the functional units from one another, including the terminals for external conductors which are an integral part of the functional unit The terminals for external conductors are in the same compartment as the functional unit
The terminals for external conductors are separated from the busbars



Form 4b
Separation of the busbars and the functional units and separation of all the functional units from one another, including the terminals for external conductors
The terminals for external conductors are not in the same compartment as the functional unit, but in individual, separate compartments

Rear terminals construction

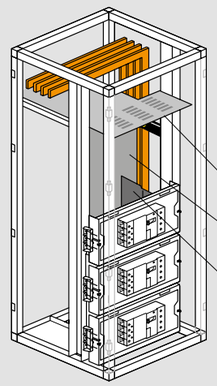
Form 2a



Form 2a is simply obtained by using adjustable horizontal plates
DPX must have rear terminals
The busbar must be installed behind the functional uprights
If the addition of further equipment in the enclosure is required, use solid plates
When there is a gap between 2 plates, horizontal divider Cat. Nos 0 208 92 or 0 205 92 must be used to prevent any contact with the rear busbar

Horizontal partitioning
Cat.No 0 208 92 or Cat.No 0 205 92
to fill the space between the plates

Forme 2b



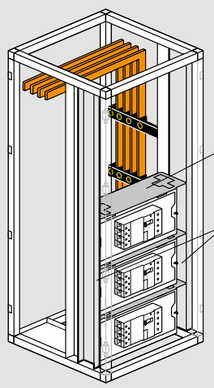
Separation of the busbars from the functional units
The terminals for external conductors are separated from the busbars
The vertical busbar is placed behind the functional uprights
The devices must be horizontal and with rear terminal connection

Horizontal busbar partitioning
Cat.No 0 208 93/94

Horizontal rear busbars partitioning
Cat.No 0 208 84/85

Divider for rear terminals
Cat.No 0 208 77/78/79

Form 3a

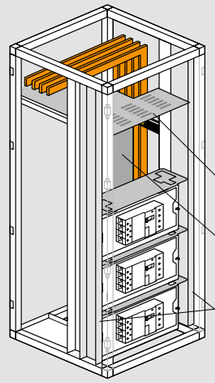


Form 3a is obtained from form 2a by adding horizontal dividers
Cat.No 0 208 92 or Cat.No 0 205 92 and front panel total dividers
Cat.No 0 208 90

Horizontal partitioning
Cat.No 0 208 92 or Cat.No 0 205 92

Front panel side partitioning Cat.No 0 208 90

Form 3b



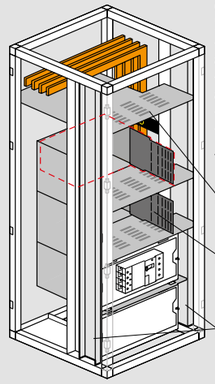
For form 3b partitioning, it is advisable to start with form 2b and add:
- Horizontal dividers between the functional units
- Side partitions either side of the functional units

Horizontal busbar partitioning
Cat.No 0 208 93/94

Vertical rear busbars partitioning
Cat.No 0 208 84/85

Front panel side partitioning
Cat.No 0 208 68

Form 4b



Connection on the rear terminals is obtained by using:
- Closing partitions for busbars (vertical and horizontal)
- Closing partitions for devices (horizontal and with rear terminals)
- Closing partitions for output terminals
- Closing partitions between cells that are joined together

Horizontal busbar partitioning
Cat.No 0 208 94

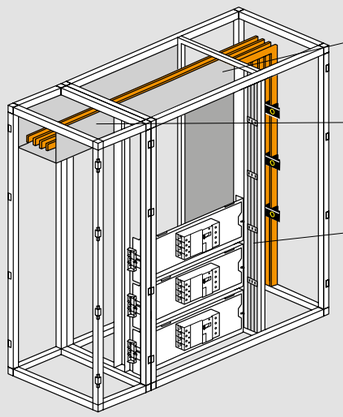
DPX compartment kit
Cat.No 0 208 87/88/89

Front panel side partitioning
Cat.No 0 208 68

Front terminals construction

Form 2b

The vertical busbar is positioned in a cable sleeve then separated from the functional units using a vertical separation kit between the enclosure and the cable sleeve (the cables and flexible bars can be fed through the front part)
Use an L-shaped or U-shaped separation kit for the horizontal busbars
These kits consist of a rear part (height 200 or 300 mm) and a horizontal divider across the whole of the usable depth



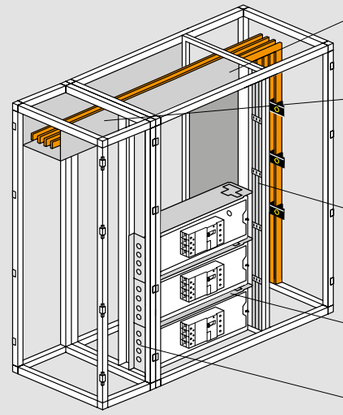
Separation kit for horizontal busbars in enclosure
Cat.Nos 0 205 36/37/38/39

U-shaped separation kit for horizontal busbars in external cable sleeves
Cat.Nos 0 208 73/74/75/86

Vertical separation kit between enclosure or internal/external cable sleeves
Cat.Nos 0 205 33/34/35

Forms 3b, 4a

For form 3b partitioning, it is advisable to start with form 2b and add:
1 - Horizontal dividers between the functional units
2 - Side partitions on either side of the functional units
In 4a form, the outgoing connections must be made within the functional units
Note: When connecting via front terminals, the incoming terminals must be fitted with terminal shield MCBs



Separation kit for horizontal busbars in enclosure
Cat.Nos 0 205 36/37/38/39

U-shaped separation kit for horizontal busbars in external cable sleeves
Cat.Nos 0 208 73/74/75/86

Vertical separation kit between enclosure or internal/external cable sleeves
Cat.Nos 0 205 33/34/35

Horizontal partitioning
Cat.No 0 208 92 or
Cat.No 0 205 92

Side partitions with end pieces
Cat.No 0 205 97/98/99

Flat copper bars selection

standard distribution

Flat busbars supports			≤ 400 A				≤ 800 A		≤ 1000 A		≤ 1600 A				≤ 4000 A				≤ 6300 A			
			Cat.No 0 373 10		Cat.No 0 373 15		Cat.No 0 373 20		Cat.No 0 373 21		Cat.Nos 0 373 22/23				Cat.Nos 0 373 24/25				Cat.Nos 0 373 12/13			
											Bar mounting: edgewise		Bar mounting: flat		Bar mounting: edgewise		Bar mounting: flat		Bar mounting: edgewise		Bar mounting: flat	
Flat copper bars																						
Cat.Nos	Cross section (mm)	Number of bar per pole	I (A)		I (A)		I (A)		I (A)		I (A)		I (A)		I (A)		I (A)		I (A)		I (A)	
			IP ≤ 30	IP > 30	IP ≤ 30	IP > 30	IP ≤ 30	IP > 30	IP ≤ 30	IP > 30	IP ≤ 30	IP > 30	IP ≤ 30	IP > 30	IP ≤ 30	IP > 30	IP ≤ 30	IP > 30	IP ≤ 30	IP > 30	IP ≤ 30	IP > 30
0 374 34	18 x 4	1	245	200	245	200	245	200	-	-	-	-	-	-	-	-	-	-	-	-	-	-
0 374 38	25 x 4	1	280	250	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
0 374 18	25 x 5	1	330	270	330	270	330	270	-	-	-	-	-	-	-	-	-	-	-	-	-	-
0 374 19	32 x 5	1	450	400	450	400	450	400	-	-	-	-	-	-	-	-	-	-	-	-	-	-
0 374 40	50 x 5	1	-	-	-	-	700	630	700	630	700	630	430	350	700	630	500	420	-	-	-	-
		2	-	-	-	-	-	-	-	-	1150	1000	650	510	1180	1020	750	630	-	-	-	-
		3	-	-	-	-	-	-	-	-	-	-	-	-	1600	1380	1000	900	-	-	-	-
		4	-	-	-	-	-	-	-	-	-	-	-	-	2020	1720	1120	1000	-	-	-	-
0 374 41	63 x 5	1	-	-	-	-	800	700	800	700	800	700	500	400	800	700	600	500	-	-	-	-
		2	-	-	-	-	-	-	-	-	1350	1150	770	590	1380	1180	750	630	-	-	-	-
		3	-	-	-	-	-	-	-	-	-	-	-	-	1900	1600	1100	1000	-	-	-	-
		4	-	-	-	-	-	-	-	-	-	-	-	-	2350	1950	1350	1200	-	-	-	-
0 374 59	75 x 5	1	-	-	-	-	-	-	950	850	950	850	600	475	950	850	700	600	-	-	-	-
		2	-	-	-	-	-	-	-	-	1500	1300	890	700	1600	1400	1000	850	-	-	-	-
		3	-	-	-	-	-	-	-	-	-	-	-	-	2200	1900	1250	1100	-	-	-	-
		4	-	-	-	-	-	-	-	-	-	-	-	-	2700	2300	1600	1400	-	-	-	-
0 374 43	80 x 5	1	-	-	-	-	-	-	1050	900	1000	900	630	500	1000	900	750	630	-	-	-	-
		2	-	-	-	-	-	-	-	-	1650	1450	940	740	1700	1480	1050	900	-	-	-	-
		3	-	-	-	-	-	-	-	-	-	-	-	-	2350	2000	1300	1150	-	-	-	-
		4	-	-	-	-	-	-	-	-	-	-	-	-	2850	2400	1650	1450	-	-	-	-
0 374 46	100 x 5	1	-	-	-	-	-	-	-	-	1250	1050	750	580	1250	1050	850	700	-	-	-	-
		2	-	-	-	-	-	-	-	-	1900	1600	1120	900	2050	1800	1200	1050	-	-	-	-
		3	-	-	-	-	-	-	-	-	-	-	-	-	2900	2450	1600	1400	-	-	-	-
		4	-	-	-	-	-	-	-	-	-	-	-	-	3500	2900	1900	1650	-	-	-	-
	125 x 5	1	-	-	-	-	-	-	-	-	-	-	-	-	1450	1270	1000	800	-	-	-	-
		2	-	-	-	-	-	-	-	-	-	-	-	-	2500	2150	1450	1250	-	-	-	-
		3	-	-	-	-	-	-	-	-	-	-	-	-	3450	2900	1800	1600	-	-	-	-
		4	-	-	-	-	-	-	-	-	-	-	-	-	4150	3450	2150	1950	-	-	-	-
	80 x 10	1	-	-	-	-	-	-	-	-	-	-	-	-	1460	1270	1150	950	-	-	-	-
		2	-	-	-	-	-	-	-	-	-	-	-	-	2500	2150	1700	1500	-	-	-	-
		3	-	-	-	-	-	-	-	-	-	-	-	-	3450	2900	2500	2000	-	-	-	-
	100 x 10	1	-	-	-	-	-	-	-	-	-	-	-	-	1750	1500	1350	1150	-	-	-	-
		2	-	-	-	-	-	-	-	-	-	-	-	-	3050	2550	2000	1650	-	-	-	-
		3	-	-	-	-	-	-	-	-	-	-	-	-	4150	3500	2900	2400	-	-	-	-
	120 x 10	1	-	-	-	-	-	-	-	-	-	-	-	-	2000	1750	1650	1450	-	-	-	-
		2	-	-	-	-	-	-	-	-	-	-	-	-	3600	2950	2500	2000	-	-	-	-
		3	-	-	-	-	-	-	-	-	-	-	-	-	4800	4000	3500	3000	-	-	-	-
	200 x 10	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	3300	3000	2750	2400
		2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	5200	4800	3600	3250
		3	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	7000	6400	5400	4800

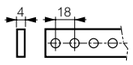
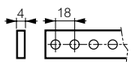
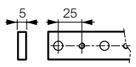
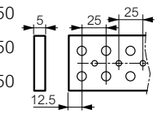
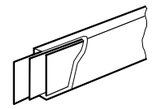
Copper bars and accessories

0 374 19 + 0 373 11

0 374 40

0 374 10

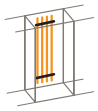
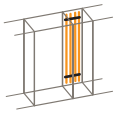
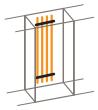
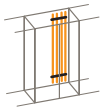
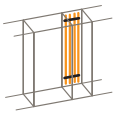
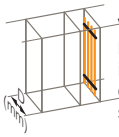
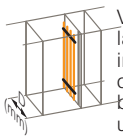
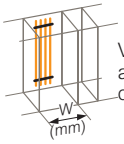
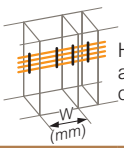
"Standard" distribution

Pack	Cat.Nos	Copper bars					
		Rigid, flat, threaded holes					
		Cross section (mm)	I permissible (A) IP ≤ 30	I permissible (A) IP > 30	Holes Ø mm	Length (mm)	
10	0 373 88	12 x 2	110	80	M5	990	
10	0 373 89	12 x 4	160	125	M5	990	
10	0 374 33	15 x 4	200	160	M6	990	
10	0 374 34	18 x 4	245	200	M6	990	
10	0 374 38	25 x 4	280	250	M6	990	
4	0 374 18	25 x 5	330	270	M6	1750	
4	0 374 19	32 x 5	450	400	M6	1750	
		Rigid flat clear holes					
1	0 374 40	50 x 5	700	630	10.5 - 6.5	1750	
1	0 374 41	63 x 5	800	700	10.5 - 8.5	1750	
1	0 374 59	75 x 5	950	850	10.5 - 6.5	1750	
1	0 374 43	80 x 5	1000	900	10.5 - 6.5	1750	
1	0 374 46	100 x 5	1250	1050	10.5 - 6.5	1750	
		Flexible					
		Supplied flat, length 2 m					
		Cross section (mm)	IP ≤ 30	IP > 30			
1	0 374 10	13 x 3	200	160			
1	0 374 67	20 x 5	400	250			
1	0 374 11	24 x 4	400	250			
1	0 374 12	32 x 5	630	400			
1	0 374 57	50 x 5	850	630			
1	0 374 58	50 x 10	1250	1000			

Pack	Cat.Nos	Accessories
		Isolating profile
10	0 373 11	Isolating profile for flat copper bars 18 x 4, 25 x 4, 25 x 5 and 32 x 5 mm, length 1 m Supplied with fixing clips
		Insulating screws
50	0 367 74	M6 x 10
		HF screws with contact washe
50	0 367 75	M6 x 10

Busbars supports selection for XL³ enclosures

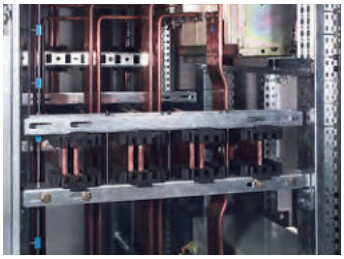
standard distribution

Mounting \ Supports	Max. In (A)	Flat copper bars						
		400		800	1000	1600	4000	6300
		0 373 10	0 373 15	0 373 20	0 373 21	0 373 22/23	0 373 24/25	0 373 12/13
XL³ 400								
 Vertical at back of cabinet or enclosure			●					
 Vertical at back of cable sleeve		●						
XL³ 800								
 Vertical at back of cabinet or enclosure			● + 0 373 14					
 Vertical at back of internal cable sleeve		●						
 Vertical at back of external cable sleeve				●				
XL³ 4000								
Main horizontal at top or at bottom of cabinet	D : 475					● + 0 205 51(5)		
	D : 725					● + 0 205 52	●(5)	●(5)
	D : 975					● + 0 205 53	●(1)	●(1)
Horizontal transfer	D : 725					● + 0 205 51	●(4+5)	●(4+5)
	D : 975					● + 0 205 52	●	●
 Vertical lateral inside cable sleeve	D : 475			● + 0 205 51	● + 0 205 51	● + 0 205 51		
	D : 725			● + 0 205 52	● + 0 205 52	● + 0 205 52	●	●
	D : 975			● + 0 205 53	● + 0 205 53	● + 0 205 53	●(1)	●(1)
 Vertical lateral inside cabinet behind upright	D : 725			● + 0 205 51		● + 0 205 51		
	D : 975			● + 0 205 52		● + 0 205 52	●	●
 Vertical at back of cabinet	W : 475			● + 0 205 51		● + 0 205 51(2)		
	W : 725		● + 0 373 14	● + 0 205 52		● + 0 205 52		
	W : 975			● + 0 205 53		● + 0 205 53		
 Horizontal at back of cabinet	W : 475			●(3) + 0 205 51		●(3) + 0 205 51	●(3) + 0 205 51	●(3) + 0 205 51
	W : 725			●(3) + 0 205 52		●(3) + 0 205 52	●(3) + 0 205 52	●(3) + 0 205 52
	W : 975			●(3) + 0 205 53		●(3) + 0 205 53	●(3) + 0 205 53	●(3) + 0 205 53

1: With upright Cat.No 0 205 20 in cable sleeve - 2: Depth min. 725 mm - 3: Fixed supports only - 4: Inside complementary cable sleeve - 5: Partial chassis

Isolating supports for busbars for XL³ enclosures

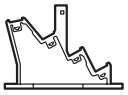
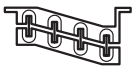
0 373 10



0 373 24

Dimensions and distances between the supports **p. 406 to 410**

"Standard" distribution

Pack	Cat.Nos	1 bar per pole universal supports	
		≤ **280 A**	
10	0 373 98	Single pole support for flat copper bars 12 x 2 or 14 x 4 mm	
10	0 374 37	Single pole support for flat copper bars 15 x 4, 18 x 4 or 25 x 4 mm	
5	0 373 96	Set of 2 four pole supports for flat copper bars 12 x 2 or 12 x 4 mm	
1	0 374 32	Set of 2 four pole supports for flat copper bars 15 x 4 or 18 x 4 mm	
1	0 374 36	Set of 2 four pole supports for flat copper bars 25 x 4 mm	
		1 bar per pole	
		≤ **400 A**	
1	0 373 15	Support for flat copper bars 18 x 4, 25 x 5 and 32 x 5 mm For XL³ 400 cabinets and enclosures	
1	0 373 10	Support for flat copper bars 18 x 4, 25 x 4, 25 x 5 and 32 x 5 mm, in sloping position to create a vertical busbars at back For direct mounting on solid or perforated plate	
		≤ **800 A**	
1	0 373 20	Support for flat copper bars 18 x 4, 25 x 5, 32 x 5, 50 x 5 and 63 x 5 mm in sloping position	
		≤ **1000 A**	
1	0 373 21	Support for flat copper bars 50 x 5, 63 x 5, 75 x 5 and 80 x 5 mm in staggered position	

Pack	Cat.Nos	1 or 2 bars per pole	
		Supports for flat copper bars 50 x 5, 63 x 5, 75 x 5, 80 x 5 and 100 x 5 mm, in aligned position	
		≤ **1600 A**	
1	0 373 22	Fixed support	
1	0 373 23	Additional support Mounted in addition to fixed support Cat.No 0 373 22 to comply with the distances (Isc withstand)	
		1 to 4 bars per pole	
		≤ **4000 A** Supports for 4 flat bars from 50 x 5 to 125 x 5 mm or 3 bars from 50 x 10 to 120 x 10 mm, in aligned position	
1	0 373 24	Fixed support	
1	0 373 25	Additional support Mounted in addition to fixed support Cat.No 0 373 24 to comply with the distances (Isc withstand)	
		≤ **6300 A** Reinforced 4P isolating supports Hold flat copper bars in position Up to three 200 x 10 mm bars per pole	
1	0 373 12	Fixed support	
1	0 373 13	Additional support Mounted in addition to fixed support Cat.No 0 373 12 to comply with the distances (Isc withstand)	
		Fixing supports	
		Adjustable crosspieces	
1	0 205 51	Set of 2 crosspieces length 350 mm	
1	0 205 52	Set of 2 crosspieces length 600 mm	
1	0 205 53	Set of 2 crosspieces length 850 mm	
		Crosspieces for partial chassis	
1	0 205 31	Set of 2 fixed crosspieces length 350 mm	
1	0 205 32	Set of 2 fixed crosspieces length 600 mm	
		Extension piece	
1	0 373 14	For mounting busbars supports Cat.No 0 373 15 in XL³ 800 and 4000 cabinets and enclosures	

Optimised and increased safety distribution systems, **see Product Guide**

Isolating supports for busbars

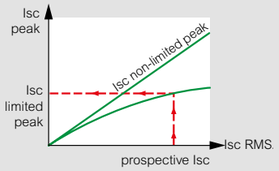
Peak current Ipk

The distance between the busbar supports depends on the electrodynamic forces generated when there is a short-circuit, these being directly proportional to the peak value of the short-circuit current (Ipk)
Two methods can be used to determine the peak current value according to data that is generally available:

Using the limiting capacity of the protective devices

The limitation curves of the protective devices (DX and DPX) give the limited peak current according to the prospective short-circuit current
The "Non-limited peak Isc" curve corresponds to no protection
The table opposite gives the limited peak value (Ipk) for a maximum prospective short-circuit value equal to the breaking capacity (Icu) of the device. For lower prospective short-circuit values, reading the curves will provide an optimised value

	Rating (A)	Isc peak Max. (kÂ)
DPX 125	16-25	11.9
DPX 125	40-63	15
DPX 125	100-125	17
DPX 160	25	14.3
DPX 160	40 to 160	20
DPX 250 ER	100 to 250	22
DPX 250	All	27
DPX-H 250	All	34
DPX 630	All	34
DPX-H 630	All	42
DPX 1600	All	85
DPX-H 1600	All	110



The peak value is much higher if

there are no limiting protective devices. This value is calculated by applying a coefficient of asymmetry (n) to the prospective rms value shown in the table opposite

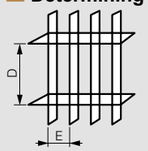
Isc prospective RMS (kA)	n
≤ 5	1.5
5 < I ≤ 10	1.7
10 < I ≤ 20	2
20 < I ≤ 50	2.1
50 < I	2.2

Insulating characteristics

EN 60947-1/IEC 60664-1 (degree of pollution: 3)

Cat.Nos	0 373 98	0 374 37	0 373 96	0 374 32	0 374 36	0 373 10/20	0 373 21	0 373 22/23	0 373 24/25	0 373 12/13
Ui (V)	500	500	690	1000	1000	1000	1000	1000	1000	1000
Uimp (kV)	8	8	8	12	12	12	12	12	12	12

Determining the distances between the supports



Maximum distances "D" (mm) E adjustable

Supports		0 373 98				0 374 37			
Bars		0 373 88 (12 x 2) or 0 373 89 (12 x 4)				0 374 33 (15 x 4) or 0 374 34 (18 x 4) or 0 374 38 (25 x 4)			
E (mm)		50	75	100	125	50	75	100	125
Isc peak (Ipk in kÂ)	10	400	600	800		350	600	750	
	15	300	450	600	800	250	400	500	700
	20	250	350	450	600	150	225	300	375
	25	200	250	300	400	125	150	200	250
	30					100	125	150	175
	35						100	125	150

Determining the distances between the supports (continued)

Maximum distances "D" (mm) E fixed

Supports		0 373 96		0 374 32	0 374 36	0 373 10				0 373 15		
Bars		0 373 88 (12 x 2)	0 373 89 (12 x 4)	0 374 33/34 (15 x 4) (18 x 4)	0 374 38 (25 x 4)	0 374 34 (18 x 4)	0 374 38 (25 x 4)	0 374 18 (25 x 5)	0 374 19 (32 x 5)	0 374 34 (18 x 4)	0 374 18 (25 x 5)	0 374 19 (32 x 5)
Isc peak (Ipk in kÂ)	10	200	400	550	650	550	650	800	900	1000	1200	1500
	15	150	300	400	500	400	600	700	800	700	1000	1200
	20	125	200	300	400	300	450	550	700	550	750	950
	25	100	150	200	350	250	350	400	500	400	600	750
	30			150	200	200	300	350	400	350	500	650
	35			100	150	150	250	300	350	300	400	550
	40				100	150	200	300	300	250	350	450
	45						150	200	200	200	300	400
	50						150	175	100	200	300	400
	55						100	150	100	200	250	300
	60							150		200	250	300
	70									150	200	250
	80									150	200	250

Determining the distances between the supports (continued)

Maximum distances "D" (mm) - E fixed: 75 mm

Supports		0 373 20					0 373 21			
Bars		1 flat bar per pole					1 flat bar per pole			
		0 374 34 (18 x 4)	0 374 18 (25 x 5)	0 374 19 (32 x 5)	0 374 40 (50 x 5)	0 374 41 (63 x 5)	0 374 40 (50 x 5)	0 374 41 (63 x 5)	0 374 59 (75 x 5)	0 374 43 (80 x 5)
Isc peak (Ipk in kÂ)	10	800	800	900			1000	1200	1200	1200
	15	400	600	600	700	800	800	900	1000	1000
	20	300	450	500	600	700	650	700	750	750
	25	250	350	400	500	550	500	600	600	600
	30	225	300	350	400	450	400	500	550	550
	35	200	250	300	350	400	350	450	450	450
	40	175	200	250	275	300	300	350	400	400
	45	150	200	200	225	250	300	300	350	350
	50	150	150	150	200	200	250	250	300	300
	60	125	125	125	150	150	200	250	250	250
	70	100	100	100	150	150	150	200	200	200
	80				100	100	100	150	200	200
	90						100	150	200	200
	100						100	150	150	150
	110						100	100	150	150
	120						100	100	100	100

Supports		0 373 22, 0 373 23									
Bars		1 flat bar per pole					2 bars per pole				
		0 374 40 (50 x 5)	0 374 41 (63 x 5)	0 374 59 (75 x 5)	0 374 43 (80 x 5)	0 374 46 (100 x 5)	0 374 40 (50 x 5)	0 374 41 (63 x 5)	0 374 59 (75 x 5)	0 374 43 (80 x 5)	0 374 46 (100 x 5)
Isc peak (Ipk in kÂ)	10	1000	1200	1200	1200	1200					
	15	800	900	1000	1000	1200					
	20	650	700	750	750	900					
	25	500	600	600	600	700					
	30	400	500	550	550	600	700	600			
	35	350	450	450	450	550					
	40	300	350	400	400	450	550	600	650	650	700
	45	300	300	350	350	400					
	50	250	250	300	300	350	450	500	500	500	550
	60	200	250	250	250	300	350	400	400	400	450
	70	150	200	250	250	250	250	350	350	350	400
	80	100	150	200	200	200	250	300	300	300	300
	90	100	150	200	200	200	200	250	300	300	300
	100	100	150	150	150	150	200	200	250	250	250
	110	100	100	150	150	150	200	150	200	200	200
	120	100	100	100	100	100	150	150	200	200	200

Additional support:

- Horizontal busbars[1]
Mounted in addition:
- to 2 fixed supports in enclosure width 725 et 975
- to fixed support in cable sleeves width 475

- Vertical busbars
Mounted in addition to 3 fixed supports if necessary

1: In case of flat bar mounting, use fixed support only

Isolating supports for busbars

Determining the distances between the supports (continued)

Maximum distances "D" (mm) with bars thick 5 mm - E fixed: 125 mm

Supports		0 373 24, 0 373 25																			
Bars		1 bar per pole					2 bars per pole					3 bars per pole					4 bars per pole				
		50 x 5	63 x 5	75 x 5 80 x 5	100 x 5	125 x 5	50 x 5	63 x 5	75 x 5 80 x 5	100 x 5	125 x 5	50 x 5	63 x 5	75 x 5 80 x 5	100 x 5	125 x 5	50 x 5	63 x 5	75 x 5 80 x 5	100 x 5	125 x 5
Isc peak (Ipk in kÂ)	10	1550	1700	1700	1700	1700	1700	1700	1700	1700	1700	-	-	-	-	-	-	-	-	-	-
	15	1050	1200	1350	1550	1700	1550	1700	1700	1700	1700	1700	-	-	-	-	-	-	-	-	-
	20	800	900	1000	1150	1350	1200	1350	1500	1700	1700	1550	1700	1700	1700	1700	1700	1700	1700	1700	1700
	25	650	750	800	950	1100	950	1100	1200	1400	1550	1250	1450	1600	1700	1700	1550	1700	1700	1700	1700
	30	550	600	700	800	900	800	900	1000	1150	1300	1050	1200	1350	1550	1700	1300	1500	1700	1700	1700
	35	450	550	600	650	800	700	800	900	1000	1150	900	1050	1150	1300	1500	1150	1250	1450	1650	1700
	40	400	450	550	600	700	600	700	800	900	1000	800	900	1050	1150	1300	1000	1100	1300	1450	1650
	45	350	400	450	550	600	550	600	700	800	900	700	800	900	1050	1200	900	1000	1150	1300	1450
	50	350	350	450	500	550	500	550	650	700	800	650	750	850	950	1050	800	900	1050	1150	1350
	60	300	300	350	400	450	400	450	550	600	700	550	600	700	800	900	650	750	850	1000	1100
	70	250	250	300	350	400	350	400	450	500	650	450	550	600	700	750	600	650	750	850	950
	80	-	250	250	300	350	300	350	400	450	550	400	450	550	600	700	500	600	650	750	850
	90	-	-	250	250	300	300	300	350	400	500	350	400	500	550	600	450	500	600	650	750
	100	-	-	-	250	300	250	300	300	350	500	350	400	450	500	550	400	450	550	600	700
	110	-	-	-	250	250	250	250	300	350	450	300	350	400	450	500	350	450	500	550	600
	120	-	-	-	-	250	-	250	250	300	450	300	300	350	400	450	350	400	450	550	550
	130	-	-	-	-	250	-	-	250	300	400	250	300	350	350	450	300	350	400	500	550
	140	-	-	-	-	-	-	-	250	250	400	250	250	300	350	400	300	350	400	450	500
	150	-	-	-	-	-	-	-	-	250	350	250	250	300	350	350	300	300	350	400	450
	160	-	-	-	-	-	-	-	-	250	350	-	250	250	300	350	250	300	350	400	350
	170	-	-	-	-	-	-	-	-	-	350	-	250	250	300	350	250	300	300	350	300
	180	-	-	-	-	-	-	-	-	-	300	-	-	250	300	300	250	250	300	350	300
	190	-	-	-	-	-	-	-	-	-	-	-	-	250	250	300	250	250	300	300	250
	200	-	-	-	-	-	-	-	-	-	-	-	-	-	250	300	-	250	250	300	250
	210	-	-	-	-	-	-	-	-	-	-	-	-	-	250	250	-	250	250	250	200
	220	-	-	-	-	-	-	-	-	-	-	-	-	-	250	250	-	-	250	250	200

Maximum distances "D" (mm) with bars thick 10 mm - E fixed: 125 mm

Supports		0 373 24, 0 373 25								
Bars		1 bar per pole			2 bars per pole			3 bars per pole		
		80 x 10	100 x 10	120 x 10	80 x 10	100 x 10	120 x 10	80 x 10	100 x 10	120 x 10
Isc peak (Ipk in kÂ)	20	1700	1700	1700	1700	1700	1700	1700	1700	1700
	25	1600	1700	1700	1700	1700	1700	1700	1700	1700
	30	1350	1550	1700	1700	1700	1700	1700	1700	1700
	35	1150	1300	1450	1700	1700	1700	1700	1700	1700
	40	1050	1150	1300	1500	1700	1700	1700	1700	1700
	45	900	1050	1150	1350	1550	1700	1700	1700	1700
	50	850	950	1050	1200	1400	1550	1600	1700	1700
	60	700	800	850	1000	1150	1300	1350	1550	1700
	70	600	700	750	900	1000	1100	1150	1300	1500
	80	550	600	650	750	900	1000	1000	1150	1300
	90	500	550	600	700	800	900	900	1050	1100
	100	450	500	550	600	700	800	850	900	950
	110	400	450	500	550	650	750	750	800	800
	120	350	400	450	550	600	650	700	750	750
	130	350	350	400	500	550	600	650	700	700
	140	300	350	400	450	500	600	600	650	650
	150	300	350	350	450	500	550	550	650	600
	160	250	300	350	400	450	500	550	600	500
	170	250	300	300	350	450	500	500	500	500
	180	250	300	300	350	400	450	500	450	450
	190	250	250	300	350	400	450	450	400	400
	200	200	250	300	300	350	400	450	400	400
	210	200	250	250	300	350	350	400	350	350
	220	-	250	250	300	350	300	350	300	300
	230	-	200	250	300	300	300	300	300	300
	240	-	-	200	250	300	250	300	250	250
	250	-	-	200	250	300	250	250	250	250

Supports		0 373 12 et 0 373 13		
		200 x 10		
Bars		1 bar per pole	2 bars per pole	3 bars per pole
Isc peak (Ipk in kÂ)	20	1700	1700	1700
	25	1700	1700	1700
	30	1550	1700	1700
	35	1300	1450	1700
	40	1150	1350	1700
	45	1050	1150	1600
	50	950	1050	1450
	60	850	900	1250
	70	700	800	1100
	80	650	700	950
	90	600	650	850
	100	500	600	750
	110	450	550	700
	120	400	500	650
	130	400	500	600
	140	350	450	550
	150	350	400	500
	160	350	400	500
	170	300	400	450
	180	300	350	450
	190	300	350	400
	200	250	300	350
	210	250	300	350
	220	200	250	300
	230	200	250	300
	240	-	200	250

Additional support:

- Horizontal busbars(1)

Mounted in addition:
- to 2 fixed supports in enclosure width 725 et 975
- to fixed support in cable sleeves width 475

- Vertical busbars

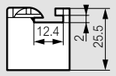
Mounted in addition to 3 fixed supports if necessary

1: In case of flat bar mounting, use fixed support only

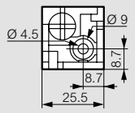
Dimensions

Cat.No 0 373 98

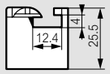
Side for 12 x 2 mm bar



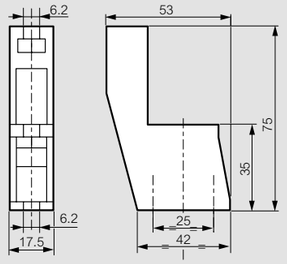
View from above



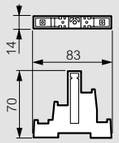
Side for 12 x 4 mm bar



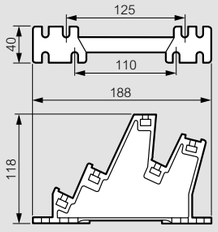
Cat.No 0 374 37



Cat.No 0 373 96



Cat.No 0 374 32



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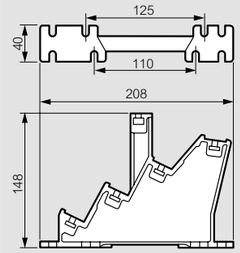
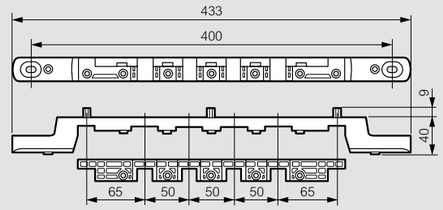
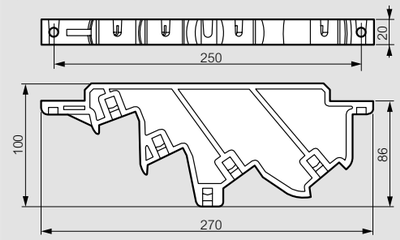


Cat.No 0 373 15



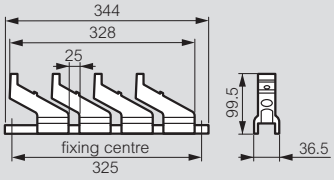
Cat.No 0 373 10



Isolating supports for busbars (continued)

Dimensions

Cat.No 0 373 20



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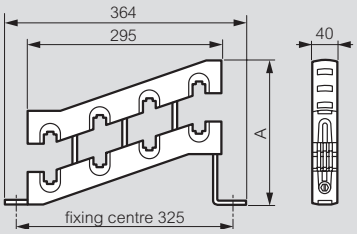
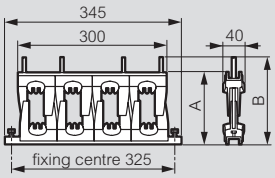


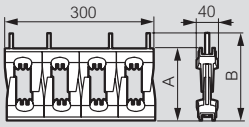
Copper bar				
Dim. (mm)	50 x 5	63 x 5	75 x 5	80 x 5
A	217	230	242	247

Cat.No 0 373 22 (fixed support)



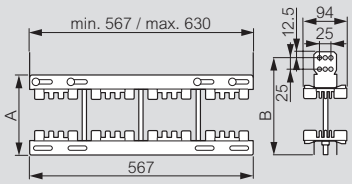
Copper bar					
Dim. (mm)	50 x 5	63 x 5	75 x 5	80 x 5	100 x 5
A	112	125	137	142	162
B	126	126	171	171	171

Cat.No 0 373 23 (additional support)

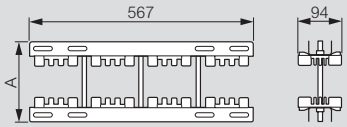


Copper bar					
Dim. (mm)	50 x 5	63 x 5	75 x 5	80 x 5	100 x 5
A	112	125	137	142	162
B	126	126	171	171	171

Cat.No 0 373 12/24 (fixed support)



Cat.No 0 373 13/25 (additional support)



Bars thick 5 or 10 mm							
Cat.Nos	Dim. (mm)	h75	h80	h100	h120	h125	h200
0 373 12/24	A	151	156	176	196	201	276
	B	199.5	192.5	215.5	232.5	237.5	237.5
0 373 13/25	A	151	156	176	196	201	276

Plexo

IP 65 weatherproof cabinets and accessories

6 018 86

6 018 88

6 018 92

6 018 94

Self-extinguishing: resistance to glow wire 650°C
Allows to achieve assemblies conform to IEC 61 439 - 3
Weatherproof cabinets - IP 65 - IK 07 - Class II
Reversible cover
For DIN rail mounting equipment up to 63 A
Box colour light grey L750A, cover colour dark grey R746A
Supplied with Earth + Neutral terminal blocks (except 2-module cabinets)

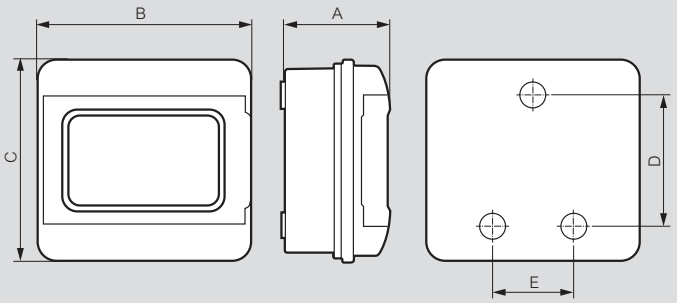
Pack	Cat.Nos	Cabinets 2 to 8 modules	Number of rows	Number of modules
1	6 018 82		1	2
1	6 018 84		1	4
1	6 018 86		1	6
1	6 018 88		1	8
		Cabinets 12 modules per row	Number of rows	Number of modules
1	6 018 92		1	12
1	6 018 94		2	24
		Accessories		
		Fixing lugs		
1	0 019 69	Set of 4 wall mounting lugs for Plexo, Plexo³ cabinets and P 17 combined units (p. 536)		
		Blanking plates		
20	0 019 61	5, separable into modules or 1/2 module Grey R746A		
		Direct piercing end caps		
1	0 019 56	Pack consisting of 100 Ø20 mm ISO end caps		
1	0 019 57	Pack consisting of 100 Ø25 mm ISO end caps		
		Earth terminal blocks		
		Brass terminal block with isolated support Conform to IEC 60998-2-1/2-2		
1	1 348 00	1 x ($2x16^2$ + $2x10^2$); ICC : 6 kA		
1	1 348 01	1 x ($3x16^2$ + $3x10^2$); ICC : 6 kA		
		Earth and neutral terminal blocks		
		Brass terminal block with isolated support Conform to IEC 60998-2-1		
1	1 348 10	2 x ($2x16^2$ + $2x10^2$); ICC : 6 kA		
1	1 348 11	2 x ($3x16^2$ + $3x10^2$); ICC : 6 kA		

Plexo

IP 65 weatherproof cabinets and accessories

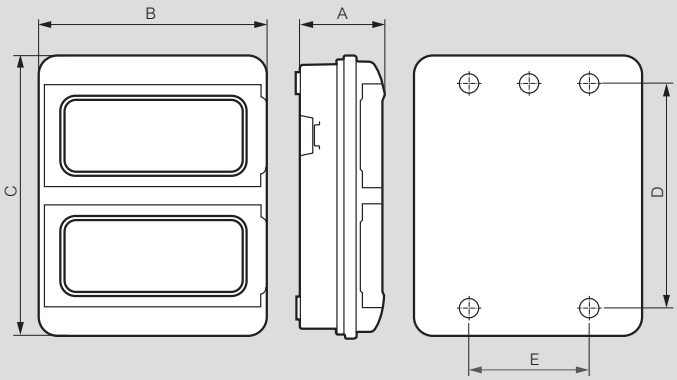
Dimensions

Cabinets 2, 4, 6, 8 and 12 modules



Cat.Nos	Dimensions (mm)				
	A	B	C	D	E
6 018 82	106	75	170	100	-
6 018 84	106	141	200	130	-
6 018 86	106	177	200	130	-
6 018 88	106	213	200	130	80
6 018 92	106	285	200	130	150

Cabinets 24 modules



Cat.Nos	Dimensions (mm)				
	A	B	C	D	E
6 018 94	106	285	350	280	150

Space between rails 150 mm

Number of knockouts

Cat.Nos	Top/bottom	
	Ø20 mm	Ø25 mm
6 018 82	-	2
6 018 84	4	2
6 018 86	4	4
6 018 88	6	4
6 018 92	10	4
6 018 94	10	4

Number of connections per terminal block (supplied with the enclosure)

Cat.Nos	Terminal blocks Screw connection			
	Earth		Neutral	
	1.5 - 10 mm²	1.5 - 16 mm²	1.5 - 10 mm²	1.5 - 16 mm²
6 018 82	-	2	-	-
6 018 84	2	2	2	2
6 018 86	3	3	3	3
6 018 88	3	3	3	3
6 018 92	5	5	5	5
6 018 94	12	12	12	12

Red catalogue number: new products

Plexo³

IP 65 weatherproof cabinets, multifunction sleeves and accessories

6 019 94

6 018 32

6 018 32 + 0 019 17

0 019 55

0 019 57

Technical characteristics **see opposite**

Self-extinguishing: resistance to glow wire 650°C. Allows to achieve assemblies conform to IEC 61 439 - 3
Weatherproof cabinets - IP 65 - IK 09 - Class II
Door and cabinet fully reversible. Removable chassis and faceplates from 2-row versions up
2-position rail for modular products and moulded cases. Spacing between rails 150 mm
Can be fitted with perforated plates and solid faceplates for mounting non-modular products
Lockable door handle, sealable cover and faceplate. Shock-resistant polystyrene material
Box colour light grey L750A, cover colour dark grey R746A. Supplied without terminal blocks

Cabinets 2 to 8 modules

Pack	Cat.Nos	Number of rows	Number of modules
6	6 019 32	1	2 (+1)
6	6 019 94	1	4
6	6 019 96	1	6
6	6 019 98	1	8

Cabinets 12 modules per row

Pack	Cat.Nos	Number of rows
1	6 018 31	1
1	6 018 32	2
1	6 018 33	3

Cabinets 18 modules per row

Pack	Cat.Nos	Number of rows
1	6 018 35	1
1	6 018 36	2
1	6 018 37	3
1	6 018 38	4

Multifunction sleeves

Supplied with hinges connecting the cover to the back of the cabinet
For use with 12 and 18-module cabinets using joining kit Cat.No 0 019 67
Can be fitted with control units and accessories: P17 16 A and 32 A sockets with standard fixing centres, flush-mounted IP 55 Plexo wiring accessories, Osmoz, modular rail at the back of the box

Vertical

Pack	Cat.Nos	
1	0 019 17	For 2 rows cabinets
1	0 019 18	For 3 rows cabinets

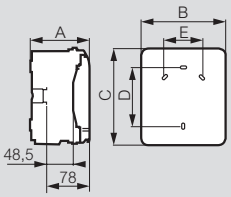
Accessories

Pack	Cat.Nos	
5	0 019 71	**Plexo adaptor** For fixing Plexo flush-mounting wiring accessories, complete version (p. 791) on Plexo³ cabinets (minimum 2 rows)
1	0 019 72	**Installation supports for terminal blocks** Set of 2 supports for mounting additional terminal blocks (p. 298) or empty supports for screw terminal blocks (p. 298) into Plexo³ cabinets For 1 and 2 rows cabinets, 12 and 18 modules per row
1	0 019 73	For 3 and 4 rows cabinets, 12 and 18 modules per row
1	0 019 66	**Key lock** N° 850
1	0 019 67	**Joining kit** Allows cables to be run horizontaly or vertically between 2 cabinets or multifunction sleeves while maintaining IP 65 protection
1	0 019 68	**Sealing kit** Set of 2 sealable screw caps for cover and 8 sealable supports for faceplate
1	0 019 69	**Fixing lugs** Set of 4 wall mounting lugs for Plexo, Plexo³ cabinets and P 17 combined units (p. 536)
20	0 019 61	**Blanking plates** 5, separable into modules or 1/2 module Grey R746A
1	0 019 55	**Direct piercing end caps** Pack consisting of 2 Ø32 mm ISO end caps, 5 Ø25 mm ISO end caps and 10 Ø20 mm ISO end caps
1	0 019 56	Pack consisting of 100 Ø20 mm ISO end caps
1	0 019 57	Pack consisting of 100 Ø25 mm ISO end caps,
1	0 019 58	Pack consisting of 100 Ø32 mm ISO end caps
2	0 019 64	**Plain faceplates** For 12 modules cabinets
2	0 019 65	For 18 modules cabinets
2	0 019 62	**Perforated plates** Allow the DIN rail to be replaced with a LINA 25 plate when integrating non-modular products For 12 modules cabinets, Height 150 mm
2	4 018 53	For 18 modules cabinets, Height 150 mm
2	0 019 70	**Hinges** Set of 2 hinges connecting the back of the cabinet to the cover

IP 2X terminal blocks, and empty supports **p. 298**

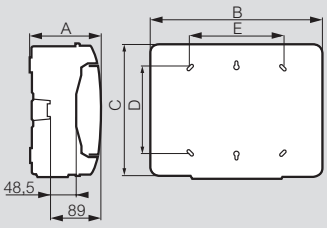
Dimensions

Cabinets 2, 4, 6 and 8 modules



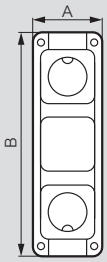
Cat.Nos	Dimensions (mm)				
	A	B	C	D	E
6 019 32	109	93	174	94	-
6 019 94	115.6	128	200	120	-
6 019 96	115.6	164	200	120	70
6 019 98	115.6	200	200	120	106

Cabinets 12 and 18 modules



Cat.Nos	Dimensions (mm)				
	A	B	C	D	E
6 018 31	141	340	282	180	180
6 018 32	161	340	432	330	180
6 018 33	161	340	622	480	180
6 018 35	141	448	282	180	288
6 018 36	161	448	432	330	290
6 018 37	161	448	622	480	290
6 018 38	161	448	822	680	290

Vertical multifunction sleeves



Cat.Nos	Dimensions (mm)		Number of positions
	A	B	
0 019 17	137	432	3
0 019 18	137	622	4

Number of knockouts on each side

Cat.Nos	Top/bottom			Left/right		
	Ø20 mm	Ø25 mm	Ø32 mm	Ø20 mm	Ø25 mm	Ø32 mm
6 019 32	2	-	-	-	-	-
6 019 94	2	1	-	2	-	-
6 019 96	4	1	-	2	-	-
6 019 98	6	1	-	2	-	-
6 018 31	7	2	2	-	-	2
6 018 32	13	2	2	-	-	3
6 018 33	13	2	2	-	-	4
6 018 35	12	2	3	-	-	2
6 018 36	13	4	3	-	-	3
6 018 37	13	4	3	-	-	4
6 018 38	13	4	3	-	-	5

Atlantic, Atlantic stainless steel and Marina: cabinets and equipment selection chart

EXTERNAL DIMENSIONS				ATLANTIC CABINETS (p. 416)		ATLANTIC STAINLESS STEEL CABINETS (p. 419)	MARINA CABINETS (p. 422)			EQUIPMENT													ADDITIONAL PRODUCTS
				METAL IP 66 - IK 10 (1 door) IP 55 - IK 10 (2 doors)		STAINLESS STEEL 304L IP 66 - IK 10 (1 door) IP 55 - IK 10 (2 doors)	POLYESTER - IP 66 - IK 10			Plain plates	Lina 12.5 plates	Perforated plates Lina 25	Sectionned uprights Lina 25	Crosspieces rails	Insulated faceplate modular chassis	Metal faceplate modular chassis for Atlantic and Atlantic stainless steel cabinets	Metal internal doors	Insulating internal doors (+ Cat.No 0 363 69 for mounting on Atlantic metal cabinets)	Roofs	Plinths	IP 55 Cabstop plate Direct mounting on Atlantic cabinet opening(4)	
				RAL 7035 supplied with plain plate	RAL 7035 with glass door	304L	RAL 7035	RAL 7035 with glass door															
Shapes	H (mm)	W (mm)	D (mm)																				
	300	200	160	0 369 10(1)		0 352 00(6)	0 362 50			0 360 49(M) 0 360 50(A)	0 360 00(A) 0 360 01(M)	0 360 07(A) 0 360 99(M)	0 361 50(A)										
	400	300	160	0 369 12(1)						0 360 52	0 360 04	0 360 12	0 361 51	0 367 80			0 363 15(A)	0 363 59(A)(M)					
	500	400	160	0 369 13(1)						0 360 55	0 360 09	0 360 15	0 361 52	0 367 81			0 363 16(A)	0 363 60(A)					
	400	300	200	0 369 17	0 369 27	0 352 01	0 362 51	0 362 71		0 360 52	0 360 04	0 360 12	0 361 51	0 367 80	4 330 00	4 330 10	0 363 15(A)	0 363 59(A)(M)	0 365 51(A)		0 364 94		
	500	400	200	0 369 18	0 369 28	0 352 02	0 362 52	0 362 72		0 360 55	0 360 09	0 360 15	0 361 52	0 367 81	4 330 01	4 330 11	0 363 16(A)	0 363 60(A)(M)	0 365 52(A)		0 364 95		
	600	400	200	0 369 19	0 369 29	0 352 03				0 360 56	0 360 22	0 360 16	0 361 53	0 367 81	4 330 03	4 330 13	0 363 17(A)	0 363 61(A)(M)	0 365 52(A)		0 364 95		
	600	500	200	0 369 20						0 360 84			0 361 53	0 367 82					0 365 67(A)		0 364 95		
	700	500	200	0 369 21						0 360 58	0 360 31	0 360 18	0 361 54	0 367 82	4 330 04	4 330 14	0 363 18(A)	0 363 62(A)(M)	0 365 67(A)		0 364 95		
	500	400	250	0 369 25						0 360 55	0 360 09	0 360 55	0 361 52	0 367 81	4 330 01	4 330 11	0 363 16(A)	0 363 60(A)(M)	0 365 53(A)		0 364 95		
	600	400	250	0 369 26	0 369 36	0 352 05	0 362 55	0 362 75		0 360 56	0 360 22	0 360 16	0 361 53	0 367 81	4 330 03	4 330 13	0 363 17(A)	0 363 61(A)(M)	0 365 53(A)		0 364 95		
	700	500	250	0 369 30	0 369 40	0 352 06	0 362 56	0 362 76		0 360 58	0 360 31	0 360 18	0 361 54	0 367 82	4 330 04	4 330 14	0 363 18(A)	0 363 62(A)(M)	0 362 93(M) 0 365 64(A)		0 364 96		
	800	600	250	0 369 31	0 369 41					0 360 59	0 360 33	0 360 19	0 361 55	0 367 83	4 330 05	4 330 15	0 363 19(A)	0 363 63(A)(M)	0 365 54(A)		0 364 97		
	1000	600	250	0 369 32						0 360 54	0 360 40	0 360 23	0 361 56	0 367 83			0 363 20(A)		0 365 54(A)		0 364 97		
	1000	800	250	0 369 33						0 360 61	0 360 42	0 360 21	0 361 56	0 367 84			0 363 21(A)	0 363 63(A)(M)			0 364 97		
	800	600	300	0 369 37	0 369 47	0 352 11	0 362 61	0 362 81		0 360 59	0 360 33	0 360 19	0 361 55	0 367 83	4 330 05	4 330 15	0 363 19(A)	0 363 63(A)(M)	0 362 94(M) 0 365 56(A)	0 362 91(M) 0 363 00(A)	0 364 97		
	1000	600	300	0 369 38	0 369 48					0 360 54	0 360 40	0 360 23	0 361 56	0 367 83			0 363 20(A)		0 365 56(A)	0 363 00	0 364 97		
	1000	800	300	0 369 39	0 369 49	0 352 13	0 362 63	0 362 83		0 360 61	0 360 42	0 360 21	0 361 56	0 367 84			0 363 21(A)	0 363 64(A)(M)	0 362 95(M) 0 365 57(A)	0 362 92(M) 0 363 01	0 364 97		
	1200	600	300	0 369 42						0 360 85			0 361 58	0 367 83			0 363 22(A)			0 363 00	0 364 97		
	1200	800	300	0 369 43		0 352 14	0 362 64	0 362 84		0 360 64	0 360 46	0 360 87	0 361 58	0 367 84			0 363 23(A)	0 363 65(A)(M)	0 362 95(M) 0 365 57(A)	0 362 92 0 363 01	0 364 97		
	800	600	400	0 369 44						0 360 59	0 360 33	0 360 19	0 361 55	0 367 83	4 330 05	4 330 15	0 363 19(A)	0 363 63(A)(M)	0 365 56(A)		0 364 97		
	1000	800	400	0 369 45						0 360 61	0 360 42	0 360 21	0 361 56	0 367 84			0 363 21(A)	0 363 63(A)(M)			0 364 97		
	1200	800	400	0 369 46	0 369 56					0 360 64	0 360 46	0 360 87	0 361 58	0 367 84			0 363 23(A)	0 363 65(A)(M)(3)			0 364 97		
	1400	800	400	0 369 50	0 369 60	0 352 15				0 360 67	0 360 75	0 360 90	0 361 59	0 367 84							0 364 97		
	300	300	160	0 369 51(1)						0 360 69	0 360 02	0 360 91	0 361 50	0 367 80									
	300	300	200	0 369 55						0 360 69	0 360 02	0 360 91	0 361 50	0 367 80					0 365 51(A)		0 364 94		
	400	400	200	0 369 57						0 360 70	0 360 05	0 360 92	0 361 51	0 367 81					0 365 52(A)		0 364 95		
	500	500	200	0 369 59						0 360 71	0 360 14	0 360 93	0 361 52	0 367 82	4 330 02	4 330 12			0 365 67(A)		0 364 95		
	500	500	250	0 369 62						0 360 71	0 360 14	0 360 93	0 361 52	0 367 82					0 365 64		0 364 96		
	600	600	250	0 369 64	0 369 74					0 360 57	0 360 24	0 360 17	0 361 53	0 367 83					0 365 54(A)		0 364 97		
	800	800	300	0 369 68						0 360 60	0 360 34	0 360 20	0 361 55	0 367 84					0 365 57(A)	0 363 01	0 364 97		
	600	600	400	0 369 72						0 360 57	0 360 24	0 360 17	0 361 53	0 367 83							0 364 97		
	300	400	160	0 369 11(1)						0 360 52	0 360 04	0 360 11	0 361 50	0 367 81									
	300	400	200	0 369 75						0 360 52	0 360 04	0 360 11	0 361 50	0 367 81					0 365 52(A)		0 364 95		
	400	600	200	0 369 76						0 360 56	0 360 22	0 360 13	0 361 51	0 367 83					0 365 68(A)		0 364 95		
	400	600	250	0 369 77						0 360 56	0 360 22	0 360 13	0 361 51	0 367 83					0 365 54(A)		0 364 97		
	600	800	300	0 369 78(2)						0 360 59	0 360 33	0 360 06	0 361 53	0 367 84					0 365 57(A)	0 363 01	0 364 97		
	600	1000	300	0 369 79(2)						0 360 54	0 360 40	0 360 08	0 361 53	0 367 85							2 x 0 364 96		
	800	1000	300	0 369 80(2)						0 360 61	0 360 42	0 360 94	0 361 55	0 367 85							2 x 0 364 96		
	1000	1200	300	0 369 81(2)						0 360 65	0 360 47	0 360 10	0 361 56	0 367 86							2 x 0 364 97		

1: Without cable entries plate - 2: 2 doors - 3: Usable area: 800 x 640 mm
6: Supplied with plain plate

4: Use kit Cat.No 0 364 98 (p. 342) for direct mounting on Marina cabinets - (A) For Atlantic - (M) For Marina

Red catalogue number: new products

ADDITIONAL PRODUCTS

- Hinged glass doors (p. 432)
- Kit Cat.No 0 364 98 for mounting Cabstop plate on plain surface (p. 417)
- Document holders (p. 432)
- Colring cable ties (p. 450)
- Heat regulation (p. 440)
- 19" wall mounting chassis (p. 431)
- Floor fixing with stands (p. 431)
- Locking accessories (p. 438)
- Marina enclosures RAL 7035 IP 66 - IK 10 (p. 424)

Atlantic metal cabinets

IP 55/IP 66 - IK 10 - Type 4x - Type 12

0 369 19

0 369 79

0 369 28

0 355 53

Cabinet and equipment selection chart **p. 414-415**
Technical characteristics **p. 420-421**

IP 66 according to standards IEC EN 60529 for 1-door cabinets - IP 55 according to standards IEC EN 60529 for 2-door cabinets
IK 10 according to standards IEC EN 62262
LCIE 17 07 90 10A
cULus, Bureau Veritas type 4x and type 12
EMC attenuation 20 dB (for an EMC attenuation from 40 to 50 dB at 1 GHz, please consult us)
Excellent resistance to corrosion and chemical agents
80 µm thick textured polyester coating. Anti-corrosion treatment for hinges and pins
Reversible door - Fitted with lever
Supplied with : Double bar lock - Self-centering positioning system for the equipment
Compatible with all Atlantic accessories
Low cable entries RAL 7035 - Optional depth adjustement for cabinets 400 mm depth, with slide rails Cat.No 0 367 45 (p. 418)

Metal door cabinets

Supplied with plain plate

Vertical version

Pack	Cat.Nos	External dimensions (mm) Height x Width x Depth	Number of doors	Weight (kg)
1	0 369 10[1]	300 x 200 x 160	1	3.74
1	0 369 12[1]	400 x 300 x 160	1	6.15
1	0 369 13	500 x 400 x 160	1	9.71
1	0 369 17	400 x 300 x 200	1	6.77
1	0 369 18	500 x 400 x 200	1	10.60
1	0 369 19	600 x 400 x 200	1	12.00
1	0 369 20	600 x 500 x 200	1	16.60
1	0 369 21	700 x 500 x 200	1	18.40
1	0 369 25	500 x 400 x 250	1	11.28
1	0 369 26	600 x 400 x 250	1	12.80
1	0 369 30	700 x 500 x 250	1	19.60
1	0 369 31	800 x 600 x 250	1	26.60
1	0 369 32	1000 x 600 x 250	1	36.20
1	0 369 33	1000 x 800 x 250	1	46.80
1	0 369 37	800 x 600 x 300	1	28.60
1	0 369 38	1000 x 600 x 300	1	37.80
1	0 369 39	1000 x 800 x 300	1	50.50
1	0 369 42	1200 x 600 x 300	1	47.00
1	0 369 43	1200 x 800 x 300	1	62.20
1	0 369 44	800 x 600 x 400	1	36.80
1	0 369 45	1000 x 800 x 400	1	62.30
1	0 369 46	1200 x 800 x 400	1	76.00
1	0 369 50	1400 x 800 x 400	1	80.90

Square version

1	0 369 51[1]	300 x 300 x 160	1	4.93
1	0 369 55	300 x 300 x 200	1	5.57
1	0 369 57	400 x 400 x 200	1	8.27
1	0 369 59	500 x 500 x 200	1	19.80
1	0 369 62	500 x 500 x 250	1	17.80
1	0 369 64	600 x 600 x 250	1	25.30
1	0 369 68	800 x 800 x 300	1	47.10
1	0 369 72	600 x 600 x 400	1	29.60

Horizontal version

1	0 369 11[1]	300 x 400 x 160	1	6.09
1	0 369 75	300 x 400 x 200	1	14.10
1	0 369 76	400 x 600 x 200	1	14.80
1	0 369 77	400 x 600 x 250	1	16.30
1	0 369 78	600 x 800 x 300	2	32.60
1	0 369 79	600 x 1000 x 300	2	45.10
1	0 369 80	800 x 1000 x 300	2	53.60
1	0 369 81	1000 x 1200 x 300	2	80.60

Glass door cabinets

Vertical version

Pack	Cat.Nos	External dimensions (mm) Height x Width x Depth	Number of doors	Weight (kg)
1	0 369 27	400 x 300 x 200	1	5.87
1	0 369 28	500 x 400 x 200	1	8.40
1	0 369 29	600 x 400 x 200	1	9.72
1	0 369 36	600 x 400 x 250	1	10.60
1	0 369 40	700 x 500 x 250	1	14.60
1	0 369 41	800 x 600 x 250	1	20.80
1	0 369 47	800 x 600 x 300	1	20.00
1	0 369 48	1000 x 600 x 300	1	29.60
1	0 369 49	1000 x 800 x 300	1	36.00
1	0 369 56	1200 x 800 x 400	1	48.40
1	0 369 60	1400 x 800 x 400	1	53.00

Square version

1	0 369 74	600 x 600 x 250	1	15.60

Roofs RAL 7035

Steel
Possible adjustment ± 20 mm (front or back)

Pack	Cat.Nos	For cabinets Width (mm)	Depth (mm)	Weight (kg)
1	0 365 51	300	200	1.2
1	0 365 52	400	200	1.4
1	0 365 67	500	200	1.8
1	0 365 68	600	200	2.1
1	0 365 53	400	250	1.8
1	0 365 64	500	250	2
1	0 365 54	600	250	2.5
1	0 365 56	600	300	3
1	0 365 57	800	300	3.6

Plinths RAL 7016

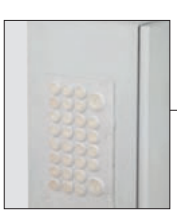
Height 200 mm
Front and rear trap door

Pack	Cat.Nos	For cabinets Width (mm)	Depth (mm)	Weight (kg)
1	0 363 00	600	300	6
1	0 363 01	800	300	6.7

1: With no opening

Equipment for Atlantic metal cabinets

0 363 17



Cabstop plate Cat.No 0 364 96 and mounting kit Cat.No 0 364 98 on enclosure Cat.No 0 369 43

Cabinet and equipment selection chart **p. 414-415**
Technical characteristics **p. 420-421**

Metallic internal doors

Metallic internal doors RAL 7035
For direct mounting in Atlantic metal and stainless steel cabinets
IPXXB
Reversible door with captiv hinge pins
Double bar lock
Can be equipped with other key barrels and metal rebate locks. Distance between cabinet door and internal door: 59 mm

Pack	Cat.Nos	For cabinets (mm) Height x Width	Door dimensions (mm) Height x Width	Door usable dimensions (mm) Height x Width
1	0 363 15	400 x 300	334 x 248	306 x 242
1	0 363 16	500 x 400	434 x 348	406 x 342
1	0 363 17	600 x 400	534 x 348	506 x 342
1	0 363 18	700 x 500	634 x 448	606 x 442
1	0 363 19	800 x 600	734 x 548	706 x 542
1	0 363 20	1000 x 600	934 x 548	906 x 542
1	0 363 21	1000 x 800	934 x 748	906 x 742
1	0 363 22	1200 x 600	1134 x 548	1106 x 542
1	0 363 23	1200 x 800	1134 x 748	1106 x 742

Accessory

Pack	Cat.Nos	
1	0 363 69	Accessory for mounting insulating internal doors in Atlantic metal cabinets

Cabstop open-work plate IP 55

Cable entries consisting of a cable clamp providing the mechanical grip, and elastomer areas for weatherproofing
Can be pierced using the cable (no tool required)
Fits the cable perfectly
Replacement of a cable possible
Fire retardant polypropylene RAL 7035
2 possibilities of mounting:
- direct on cable entry of Atlantic or Marina cabinets
- on flat surface with kit Cat.No 0 364 98

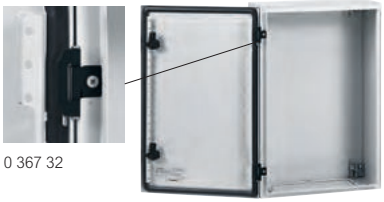
Supplied with:
- locking caps for sealing a pierced entry providing IP 55 protection
- cable release tool

Pack	Cat.Nos	Number of entries Ø5 to 14	Number of entries Ø14 to 24	Number of spare entries	Direct mounting on cable entry of cabinet width (mm)
1	0 364 94	13	1	-	300
1	0 364 95	13	1	1	400
1	0 364 96	28	2	1	500-1000
1	0 364 97	28	2	2	600-800-1200
1	0 364 98	Kit for mounting Cabstop plate on plain plate Enables mounting of 2 Cabstop plates: Cat.Nos 0 364 94 or 95 and 0 364 96 or 97 IP 55 maintained			

Equipment for Atlantic metal cabinets (continued)

0 329 46

0 347 95


0 367 32

0 369 19 + 0 367 32

Touch-up brush 0 365 91

0 364 01

0 364 04

0 367 35 with rail
Cat.No 0 367 82 (p. 431)

0 367 32

0 369 19 + 0 367 32

0 369 19 + 0 367 32

Cabinet and equipment selection chart **p. 414-415**
Technical characteristics **p. 420-421**

Pack	Cat.Nos	Cable entries for Atlantic cabinets 600 or 800 mm width
1	0 329 46	IP 43 cable entry plate with brush (cable feed-through 385 x 30 mm)

Protective conductor

Earth braid

Pack	Cat.Nos	Capacity (mm^2)	Fixing spacing (mm)	Ø of holes (mm)
20	0 347 95	6	200	8.5
20	0 347 96	16	200	8.5
10	0 347 97	30	200	8.5

Green/yellow wire

Pack	Cat.Nos	Capacity (mm^2)	Fixing spacing (mm)	Ø of holes (mm)
20	0 363 95	6	200	6.5

Paint touch-up

Pack	Cat.Nos	
		Aerosol paint spray
1	0 365 97	RAL 7035 Capacity: 150 ml
		Touch-up brush
		For protecting the sheet metal after cutting Anti-corrosion paint
10	0 365 91	RAL 7035 Other colours on request

Temporary marking

Pack	Cat.Nos	
10	0 395 99	Water-soluble marker pen

180° hinges

Pack	Cat.Nos	
		RAL 7016 Enable 180° cabinet doors opening without drilling, by replacing existing hinges IP of the cabinet maintained
1	0 367 32	Kit of 2 hinges for Atlantic metal cabinets For 1-door or 2-door cabinets up to 600 mm height For 2-door cabinets order 2 kits
1	0 367 33	Kit of 3 hinges for Atlantic metal cabinets For 1-door or 2-door cabinets form 700 mm height upwards For 2-door cabinets order 2 kits

Accessories

Pack	Cat.Nos	
		Set of 4 slides for depth adjustment
1	0 367 43	For 250 mm depth cabinets (starting with 600 mm width x 600 mm height cabinets)
1	0 367 44	For 300 mm depth cabinets
1	0 367 45	For 400 mm depth cabinets
		Wall-mounting lugs (set of 4) For load up to 300 kg Zamak RAL 7035 Horizontal or vertical installation With a roof, horizontal installation only
1	0 364 01	Supplied with cover finish
1	0 364 04	Anti-corrosion steel treatment
		Attachment lugs for rail ⌙
5	0 367 35	Used to attach the 15 mm depth symmetric rail ⌙ on door profile strand-holder Supplied with M6 screws Set of 2

Atlantic stainless steel cabinets

304 L

Wall mounting lugs, horizontal or vertical installation

0 352 01 + 0 364 06

Cabinet and equipment selection chart **p. 414-415**

Suitable for harsh environments. Brushed stainless steel finish
Door with rounded vertical edges.
Double bar lock. Upper and lower protective hoods.
Reversible cabinet. Self-centering positioning system for the equipment
Optional depth adjustment starting from 600 x 400 x 250 mm cabinets, with slide rails Cat.Nos 0 367 43/44/45 (p. 418)
Excellent resistance to corrosion and weather conditions
Compatible with all Atlantic & Atantic stainless steel accessories

Stainless steel cabinets 304L

IP 66 according to standards IEC/EN 60529 (IP 55 for 2-door cabinets).
IK 10 according to standards IEC/EN 62262 (EN 50102)
Approvals: cULus: type 4x (type 12 for 2-door cabinets)
Bureau Véritas, LCIE N° 80257-575296

Vertical version

Pack	Cat.Nos	External dimensions Height (mm)	Width (mm)	Depth (mm)	Weight (kg)
1	0 352 00[1]	300	200	160	4
1	0 352 01	400	300	200	5.8
1	0 352 02	500	400	200	8.3
1	0 352 03	600	400	200	10.8
1	0 352 05	600	400	250	12
1	0 352 06	700	500	250	15
1	0 352 11	800	600	300	22
1	0 352 13	1000	800	300	38
1	0 352 14	1200	800	300	45
1	0 352 15	1400	800	400	66

Stainless steel wall mounting lugs

For load up to 300 kg
Horizontal or vertical installation
Supplied with stainless steel screws
Set of 4

Pack	Cat.Nos	
1	0 364 06	304 L

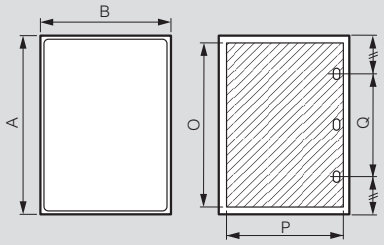
1: Supplied with plain plate

Atlantic stainless steel cabinets

technical characteristics

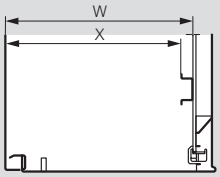
Usable dimensions

Doors



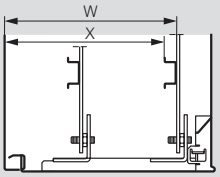
Cat.Nos	Cabinets Height A (mm)	Width B (mm)	Depth (mm)	Door usable dimensions O (mm)	P (mm)	Lock position Q (mm)
0 352 00	301.6	199.6	161.5	250	150	-
0 352 01	401.6	299.6	201.5	350	250	-
0 352 02	501.6	399.6	201.5	450	350	250
0 352 03	601.6	399.6	201.5	550	350	380
0 352 05	601.6	399.6	251.5	550	350	380
0 352 06	702.4	500	251.5	650	450	400
0 352 11	802.4	600	301.5	750	550	400
0 352 13	1003.6	800.6	301.5	950	750	600
0 352 14	1203.6	800.6	301.5	1150	750	700
0 352 15	1400.6	800.6	401.5	1350	750	700

Usable depth



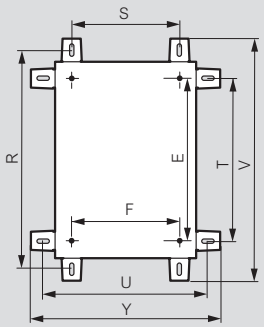
Cabinets Depth (mm)	Back of cabinet W	X
160	140	125
200	180	165
250	230	215
300	280	265
400	380	365

Adjustment of equipment (optional)

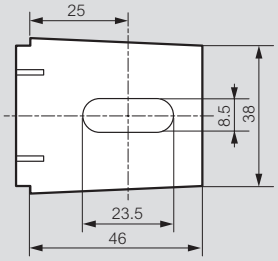


Cabinets Depth (mm)	With slide rails Cat.Nos for slide rails	W min	W max	X min	X max
250	0 367 43	93	213	78	198
300	0 367 44	93	263	78	248
400	0 367 45	93	363	78	348

Fixing



Cat.Nos 0 364 06/16



Cat.Nos	Vertical position R	S	Horizontal position T	U	V	Y	E	F
0 352 00	350	150	250	250	392	292	225	169
0 352 01	450	250	350	350	492	392	325	269
0 352 02	550	350	450	450	592	492	425	369
0 352 03	650	350	550	450	692	492	525	369
0 352 05	650	350	550	450	692	492	525	369
0 352 06	750	450	650	550	792	592	625	469
0 352 11	850	550	750	650	892	692	725	569
0 352 13	1050	750	950	850	1092	892	925	769
0 352 14	1250	750	1150	850	1292	892	1125	769
0 352 15	1450	750	1350	850	1492	892	1325	769

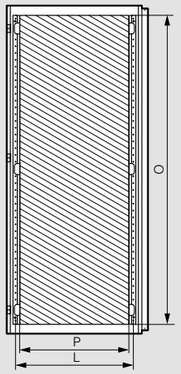
Atlantic metal cabinets supplied with plain plate

technical characteristics

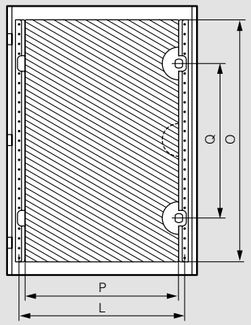
Usable dimensions

Doors

2 doors



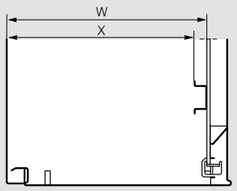
1 door



Cat.Nos	Cabinets		Door usable dimensions		Lock positions	Strand-holder fixing centres
	Height (mm)	Width (mm)	Height O (mm)	Width P (mm)	Q (mm)	L (mm)
0 369 10	300	200	251	148(3)	(1)	(2)
0 369 17/12/27	400	300	351	248(3)	(1)	(2)
0 369 13/18/28	500	400	451	300	(1)	330
0 369 19/26/29/36	600	400	551	300	350	330
0 369 20	600	500	551	400	350	430
0 369 21/30/40	700	500	651	400	400	430
0 369 25	500	400	451	300	(1)	330
0 369 31/37/41/44/47	800	600	751	500	500	530
0 369 32/38/48	1000	600	951	500	(1)	530
0 369 33/39/45/49	1000	800	951	700	(1)	730
0 369 42	1200	600	1151	500	(1)	530
0 369 43/46/56	1200	800	1151	700	(1)	730
0 369 50/60	1400	800	1351	700	(1)	730
0 369 51/55	300	300	251	248(3)	(1)	(2)
0 369 57	400	400	351	348(3)	(1)	(2)
0 369 59/62	500	500	451	400	(1)	430
0 369 64/72/74	600	600	551	500	350	530
0 369 68	800	800	751	700	500	730
0 369 11/75	300	400	251	348(3)	(1)	(2)
0 369 76/77	400	600	351	500	(1)	530
0 369 78	600	800	551	300 x 2	(1)	330
0 369 79	600	1000	551	400 x 2	(1)	430
0 369 80	800	1000	751	400 x 2	(1)	430
0 369 81	1000	1200	951	500 x 2	(1)	530

1: Central lock
2: Without strand-holder
3: -12 mm on the side with "Legrand" marking

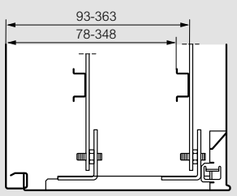
Usable depth



Cabinets	Back of cabinet	
Depth (mm)	W (mm)	X (mm)
160	140	125
200	180	165
250	230	215
300	280	265
400	380	365

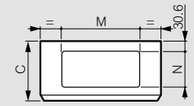
Adjustment of equipment (optional) with slides

Cat.No 0 367 45 for 400 mm depth cabinets

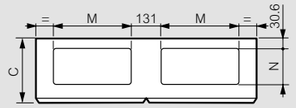


Cable entries

Cabinets width ≤ 800 mm



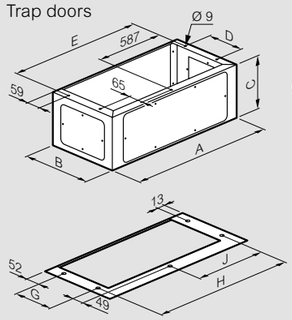
Cabinets width ≥ 1000 mm



Cabinets (mm)		Dimensions of cable entries (mm)		
Width	Depth	C	M	N
200	**160**	170	-	-
300	**160**	170	-	-
400	**160**	170	-	-
300	**200**	210	169	115
400	**200**	210	269	115
400	**250**	260	269	115
500	**200**	210	269	115
600	**200**	210	269	115
500	**250**	260	369	150
500	**300**	310	369	150
600	**250**	260	469	150
600	**300**	310	469	150
600	**400**	410	469	150
800	**250**	260	469	150
800	**300**	310	469	150
800	**400**	410	469	150
1000	**300**	310	369	150
1200	**300**	310	469	150

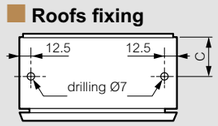
Plinths

Trap doors



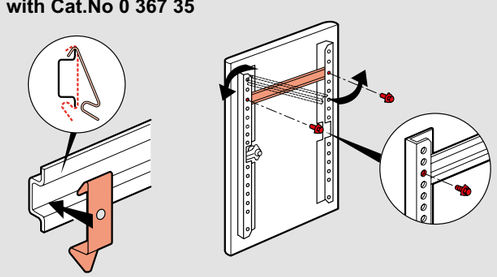
Cat.Nos	Cabinets W x D (mm)	A	B	C	D	E	F	G	H	J
0 363 00	600 x 300	600	280	200	150	574	469	150	542	271
0 363 01	800 x 300	800	280	200	150	774	469	150	742	371

Roofs fixing



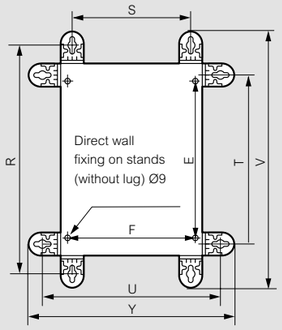
Cat.Nos	C (mm)
0 365 51/52/67/69	100
0 365 53/54/64	125
0 365 56/57	150

Fixing on door of a symmetrical rail ⌴ depth 15 mm with Cat.No 0 367 35

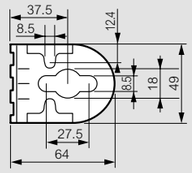


Usable dimensions

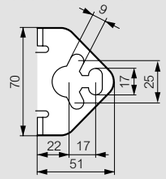
Fixing



Cat.No 0 364 01



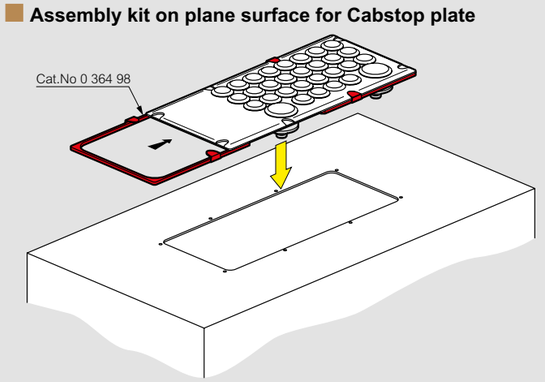
Cat.No 0 364 04



Cabinets		Vertical lugs		Mounting centres	Horizontal lugs		Mounting centres	Overall 0 364 01		Overall 0 364 04	
H (mm)	W (mm)	R (mm)	S(1) (mm)	E (mm)	T(1) (mm)	U (mm)	F (mm)	V (mm)	Y (mm)	V (mm)	Y (mm)
300	**200**	375	150	225	250	275	169	430	330	402	302
300	**300**	375	250	225	250	375	269	430	430	402	402
300	**400**	375	350	225	250	475	369	430	530	402	502
400	**300**	475	250	325	350	375	269	530	430	502	402
400	**400**	475	350	325	350	475	369	530	530	502	502
400	**600**	475	550	325	350	675	569	530	730	502	702
500	**400**	575	350	425	450	475	369	630	530	602	502
500	**500**	575	450	425	450	575	469	630	630	602	602
600	**400**	675	350	525	550	475	369	730	530	702	502
600	**500**	675	450	525	550	575	469	730	630	702	602
600	**600**	675	550	525	550	675	569	730	730	702	702
600	**800**	675	750	525	550	875	769	730	930	702	902
600	**1000**	675	950	525	550	1075	969	730	1130	702	1102
700	**500**	775	450	625	650	575	469	830	630	802	602
800	**600**	875	550	725	750	675	569	930	730	902	702
800	**800**	875	750	725	750	875	769	930	930	902	902
800	**1000**	875	950	725	750	1075	969	930	1130	902	1102
1000	**600**	1075	550	925	950	675	569	1130	730	1102	702
1000	**800**	1075	750	925	950	875	769	1130	930	1102	902
1000	**1200**	1075	1150	925	950	1275	1169	1130	1330	1102	1302
1200	**800**	1275	750	1125	1150	875	769	1330	930	1302	902
1400	**800**	1475	750	1325	1350	875	769	1530	930	1502	902

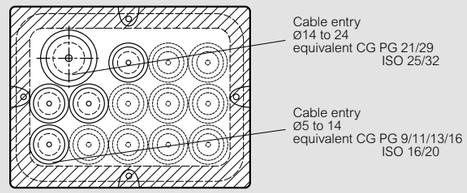
1: Same mounting centres for Cat.Nos 0 364 01 and 0 364 04

Assembly kit on plane surface for Cabstop plate



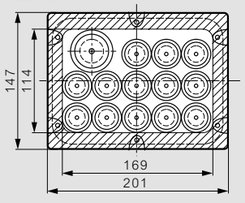
Cabstop plate

- Tensile resistance: 15 kg minimum
- Operating temperature: – 20 °C to + 65 °C
- ASTM No 3 resistance to cutting oil
- Resistance to incandescent wire: 750 °C according to IEC EN 60695-2-11

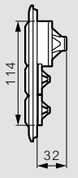


Dimensions

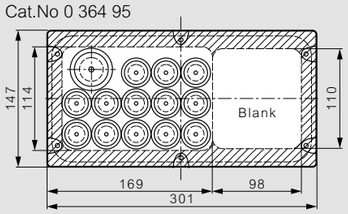
Cat.No 0 364 94



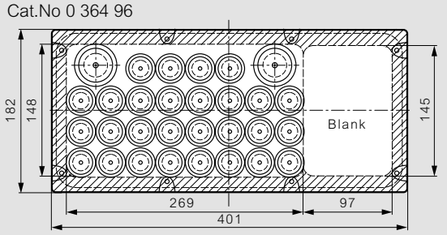
Side view
0 364 94/95



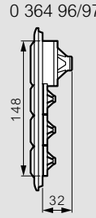
Cat.No 0 364 95



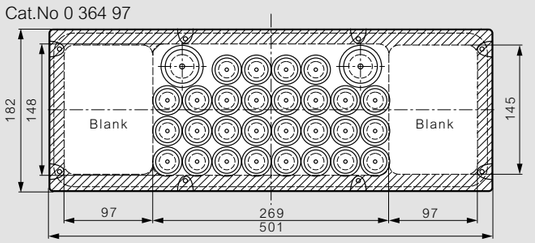
Cat.No 0 364 96



Side view
0 364 96/97



Cat.No 0 364 97



MARINA CABINETS AND ENCLOSURES

Enclosures for all corrosive environments

Designed in fibreglass reinforced polyester, these enclosures are particularly suitable for corrosive environments: petrochemical, food processing industries and provide excellent UV resistance.

Marina enclosures

See p. 424

Marina cabinets

See p. 422

Discover the range

- Fiber glass reinforced polyester cabinets
- IP 66 - IK 10
- Class II (used to create totally isoled assemblies
- 8 sizes of cabinets and 3 sizes of enclosures from 300 x 220 x 160 mm to 1800 x 800 x 400 mm
- Equipment fixed directly at the back of the cabinets thanks to a complete range of accessories

Marina cabinets

polyester - IP 66 - IK 10

0 362 56

0 362 76

Cabinet and equipment selection chart **p. 414-415**
Technical characteristics **p. 426 to 428**

IP 66 according to IEC EN 60529
LCIE n°60059283-560528
IK 10 according to IEC EN 62262 (EN 50102)
Class II (used to create totally isoled assemblies acc. to EN 60439-1 and assemblies for photovoltaic installations acc. to UTE C15-712-1)
Fiber glass reinforced polyester
Self-extinguisting 960°C acc. to IEC EN 60695-2-11
Adapted to corrosive environment and different weather conditions (detailed technical sheet available on e-catalogue)
Reversible door, opening 180°, (except Cat.No 0 362 50)
Stainless steel hinge pins (except Cat.No 0 362 50)
2 double bar lock (1 lock for Cat.No 0 362 50)
Direct fixing of equipment at bottom of cabinet (screws supplied)
Possible to fit a partial plate from 500 x 400 x 200 mm and/or rails on intermediate studs (except for Cat.No 0 362 50)
Optional depth adjustment from height 400 x width 300 mm with Cat.No 0 362 42
Can be equipped with Atlantic accessories

RAL 7035 cabinets

Pack	Cat.Nos	External dimensions (mm) Height x Width x Depth	Corresponding metal cabinets (mm) Height x Width x Depth
1	0 362 50	300 x 220 x 160	300 x 200 x 160
1	0 362 51	400 x 300 x 206	400 x 300 x 200
1	0 362 52	500 x 400 x 206	500 x 400 x 200
1	0 362 55	610 x 400 x 257	600 x 400 x 250
1	0 362 56	720 x 510 x 250	700 x 500 x 250
1	0 362 61	820 x 610 x 300	800 x 600 x 300
1	0 362 63	1020 x 810 x 300	1000 x 800 x 300
1	0 362 64	1220 x 810 x 300	1200 x 800 x 300

RAL 7035 cabinets with glass door

Coloured toughened glass

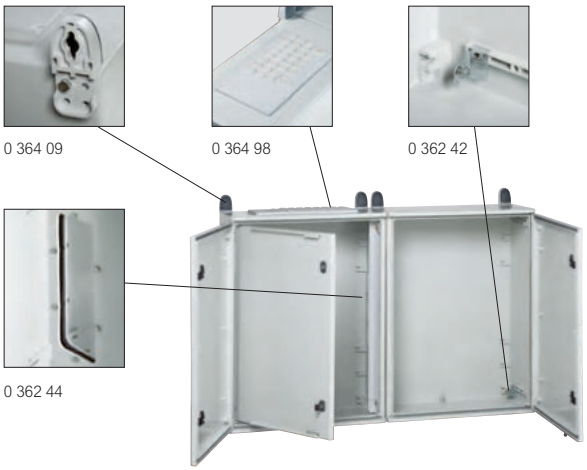
Pack	Cat.Nos	External dimensions (mm) Height x Width x Depth	Window dimensions (mm) Height x Width
1	0 362 71	400 x 300 x 206	235 x 145
1	0 362 72	500 x 400 x 206	335 x 245
1	0 362 75	610 x 400 x 257	463 x 245
1	0 362 76	720 x 510 x 250	570 x 272
1	0 362 81	820 x 610 x 300	672 x 372
1	0 362 83	1020 x 810 x 300	770 x 495
1	0 362 84	1220 x 810 x 300	970 x 495

Plastic industrial boxes
p. 807

Heat regulation for cabinets and enclosures
p. 440

Equipment for Marina cabinets

0 362 63
with plinth Cat.No 0 362 92
and roof Cat.No 0 362 95

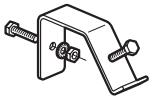


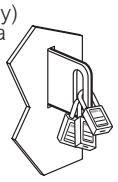
Example of cabinets Cat.No 0 362 61 associated and equipped:
- Lugs Cat.No 0 364 09
- Internal door Cat.No 0 363 63 (p. 436)
- Cabstop plate + kit Cat.No 0 364 98 (p. 342)
- Twin kit Cat.No 0 362 44
- Depth adjustment kit Cat.No 0 362 42

Cabinet and equipment selection chart **p. 414-415**
Technical characteristics **p. 426 to 428**

Pack	Cat.Nos	Plinths RAL 7035
		Height 170 mm Front and rear trap door Possibility to overlap 2 plinths
1	0 362 91	For cabinets Cat.Nos 0 362 61/81
1	0 362 92	For cabinets Cat.Nos 0 362 61/64/83/84
		Roofs RAL 7035
1	0 362 93	For cabinets Cat.Nos 0 362 56/76
1	0 362 94	For cabinets Cat.Nos 0 362 61/81
1	0 362 95	For cabinets Cat.Nos 0 362 61/64/83/84
		Fixing accessories
		IP 66 maintained
		Wall mounting lugs
		Set of 4, supplied with screws
1	0 364 08	For cabinets height 300 mm For 100 kg load
1	0 364 09	For cabinets height 400 and 1200 mm For 150 kg load
		Rear with threaded rod
10	0 362 40	M8 for cabinets height ≥ 400 mm Mounting at back of cabinets

Pack	Cat.Nos	Accessories
1	0 362 42	Depth adjustment kit for cabinets depth ≥ 200 mm, for plate or uprights (p. 431) Set of 4 lugs, supplied with screws
10	0 394 49	Set of 2 supports for 45° rail slope Supplied with 4 M6 screws, nuts and washers
1	0 364 98	Kit for mounting Cabstop plate on plain plate Enables mounting of 2 Cabstop plates: Cat.Nos 0 364 94 or 95, and 0 364 96 or 97 IP 55 maintained
1	0 362 44	Twin kit (horizontal or vertical) for cabinets ≥ 500 mm height Comprising: - 1 frame for cable crossing and weather proofing - 2 linking pieces for fixing lugs (Cat.No 0 364 09 to be ordered separately)
1	0 365 13	Padlock adaptor stainless steel for Marina cabinets height ≥ 400 mm additional to latches Takes 3 padlocks Ø6 max.
		Casters
1	0 464 83	Set of 4 pivoting casters Total permissible load on the 4 casters: 380 kg





Fixing accessories on ground
p. 431

IP 66 ventilation glands for cabinets
p. 441

Marina cabinets fixing accessories

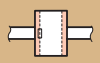
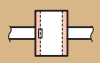
installation principle

Marina cabinet fixed on a vertical pole with kit Cat.No 0 364 48 (p. 431)

Atlantic cabinet fixed on a horizontal pole with kit Cat.No 0 364 48 (p. 431)

0 364 45 (p. 431)

Horizontal or vertical fixing on pole

Height x Width (mm)	Atlantic		Marina	
				
300 x 300	0 364 46	0 364 46	-	-
400 x 300	0 364 46	0 364 47	0 364 46	0 364 47
300 x 400	0 364 47	0 364 46	-	-
400 x 400	0 364 47	0 364 47	-	-
500 x 400	0 364 47	0 364 48	0 364 47	0 364 48
600 x 400	0 364 47	0 364 49	0 364 47	0 364 49
500 x 500	0 364 48	0 364 48	-	-
700 x 500	0 364 48	-	0 364 48	-
400 x 600	0 364 49	0 364 47	-	-
600 x 600	0 364 49	0 364 49	-	-
800 x 600	0 364 49	-	0 364 49	-
1000 x 600	0 364 49	-	-	-
600 x 800	-	0 364 49	-	-
600 x 1000	-	0 364 49	-	-

Marina enclosures

polyester - IP 66 - IK 10

0 362 85

0 362 86 with plinth Cat.No 0 362 96 internal door Cat.No 0 363 67 and roof Cat.No 0 362 97

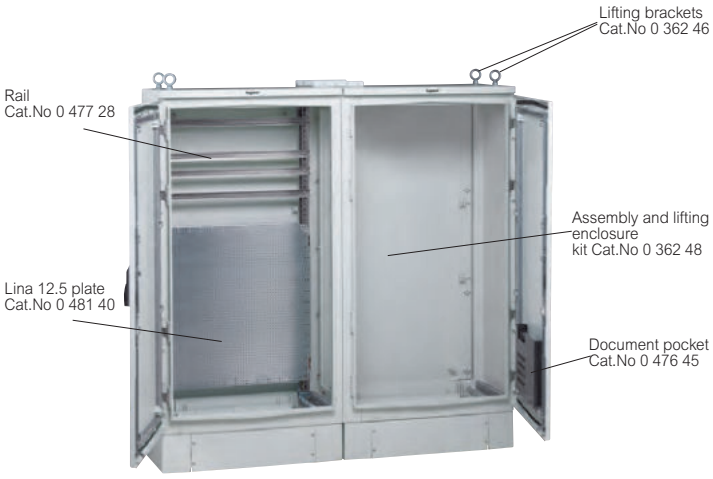
Technical characteristics **p. 426 to 428**

IP 66 acc. to IEC EN 60529
LCIE n° 60059283-560528
IK 10 acc. to EN 62262 (EN 50102)
Class II (Used to create totally isolated assemblies acc. to EN 60439-1)
Fiberglass reinforced polyester
Self-extinguishing 960°C acc. to IEC EN 60695-2-11
Adapted to corrosive environment
Supplied with fixing kit for plain plates or sectionned uprights
Depth adjustment of equipment
Equipped with low cable entries plate
Reversible door with strand-holder
3 point closing with handle fitted with 1/2 locking latch 2433 A (other key code, please consult us)
Stainless steel hinges and hinges axis

Pack	Cat.Nos	Enclosures RAL 7035	External dimensions (mm) Height x Width x Depth	Corresponding metal enclosures (mm) Height x Width x Depth
1	0 362 85		1460 x 800 x 463	1400 x 800 x 400
1	0 362 86		1660 x 800 x 463	1600 x 800 x 400
1	0 362 87		1860 x 800 x 463	1800 x 800 x 400
1	0 362 96	**Plinth RAL 7035** Height 170 mm Front and rear trap door Possibility to overlap 2 plinths For enclosure width 800 x depth 400 mm		
1	0 362 97	**Roof RAL 7035** For enclosure width 800 x depth 400 mm		

Altis automation enclosures for specific applications,
Please, consult us

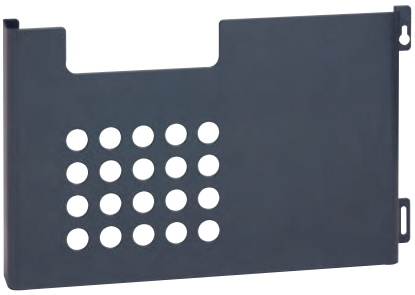
Equipment for Marina enclosures



Example of 2 enclosures Cat.No 0 362 85 on plinth
Cat.No 0 362 96, associated and equipped

0 374 02

0 362 46



0 476 45

Equipment

Plain plates

Galvanized steel. Pre-marked pitch 100 mm
Admissible load: 200 kg/m²

Pack	Cat.Nos	For enclosures Height x Width (mm)	Net weight (kg)
1	0 349 59	1400 x 800	27
1	0 349 50	1600 x 800	30.5
1	0 344 18	1800 x 800	34

Lina 12.5 plates

Galvanized steel
With drilling for fixing equipment without marking
Automatic bracket:
- Ø6.5 mm for plastic rivet Cat.No 0 366 44 (trunking)
- Ø3.3 mm for equipment with screw Cat.No 0 347 45
For installation of Cat. No 0 481 40/43, use Lina 25 sectioned uprights (p. 431)
Cat. No 0 364 08 can be fixed directly on the back of the enclosure (1400 mm height enclosures)
Admissible load: 150 kg/m²

Pack	Cat.Nos	Plates Height x Width (mm)	Net weight (kg)
1	0 481 40	800 x 800	5.9
1	0 481 43	1000 x 800	7.6
1	0 346 08	1400 x 800	14.6

Lina 25 perforated plates

Zinc steel
For mounting with sectionned uprights (except plain plate Cat.No 0 346 09)
Admissible load: 50 kg/m²

Pack	Cat.Nos	Plates Height x Width (mm)	Net weight (kg)
1	0 474 90	800 x 800	3.9
1	0 474 95	1000 x 800	5
1	0 346 09	1400 x 800	6.7

Internal doors RAL 7035

IP xxB steel. Textured polyester coated steel
Double bar lock. Take key barrels and other knockouts (p. 438)
Distance between enclosure door and internal door 78 mm
Right or left opening, handle included

Pack	Cat.Nos	For cabinets Height x Width (mm)	Door dim. (mm) Height x Width	Door usable dim. (mm) Height x Width
1	0 363 66	1400 x 800	1280 x 675	1200 x 580
1	0 363 67	1600 x 800	1480 x 675	1400 x 580
1	0 363 68	1800 x 800	1680 x 675	1600 x 580

Screws

Pack	Cat.Nos	
500	0 366 44	Rivet reinforced plastic Ø6 mm for drilling Ø6.5 mm
100	0 347 45	Screw head H 4.8 x 16 mm self-drilling, self-tapping for Ø3.3 mm
200	0 347 50	Screw caps for isolation of screw head Cat.No 0 347 45 inside the trunking

Sectionned uprights

For ⌙ Lina 25 rail, ⊏ rail and Lina 12.5 or Lina 25 plates
Set of 2 uprights galvanized steel

Pack	Cat.Nos	For enclosures Height (mm)	Length (mm)
1	0 363 92	1800	1684

Rails

Lina 25 rail

Galvanized steel
For enclosures width 800 mm

Pack	Cat.Nos	
5	0 477 28	⌙ 15 mm depth

Rail to be cut

Pack	Cat.Nos	
10	0 374 02	⊏ EN 60715 Length: 2 m

Lifting accessories

Pack	Cat.Nos	
1	0 362 46	Lifting brackets M14 Set of 4 brackets for max. load 500 kg/m³ Supplied with blanking plates
1	0 362 48	Assembly and lifting enclosures kit: - 2 support brackets - screws - weatherproof seal For 500 kg/m³ lifting, order separately one set of 4 brackets Cat.No 0 362 46

Metal document holder (for plans)

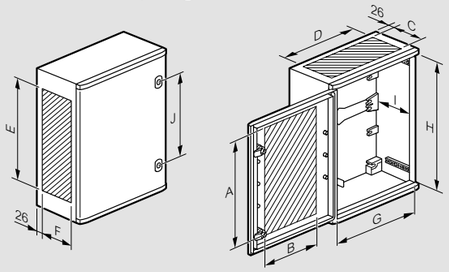
Pack	Cat.Nos	
1	0 476 45	RAL 7012. Fixed on door width 600/800/1000 mm Internal dimensions: W. 425 x H. 275 x D. 50 mm For A3 format documents

Legrand custom made ranges
Please, consult your Area Commercial Manager

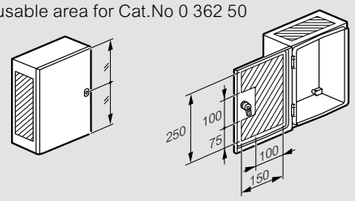
Marina cabinets and enclosures

polyester - IP 66 - IK 10

Dimensions, weights and usable areas of cabinets



Door usable area for Cat.No 0 362 50

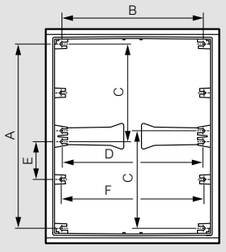


Cat.Nos	Usable area (mm)										Weight (kg)	Weight with window door (kg)
	A[1]	B[1]	C	D	E	F	G	H	I maxi	J		
0 362 50	250	150	105	195	250	115	194	280	-	-	1.75	-
0 362 51/71	300	180	130	250	260	150	260	350	178	200	3.7	4
0 362 52/72	400	280	130	350	360	150	360	450	178	300	5.1	5,6
0 362 55/75	500	280	180	350	460	180	360	560	225	400	6.4	7
0 362 56/76	600	340	170	400	560	170	460	662	211	400	11.2	12.3
0 362 61/81	700	440	220	500	660	230	560	762	261	500	15.2	16.7
0 362 63/83	900	600	220	700	860	230	760	962	261	580	21.8	23.9
0 362 64/84	1100	600	220	700	1060	230	760	1162	261	700	25	27.5

1: Except window version

Equipment fixing in cabinets

Cat.Nos	A (mm)	B (mm)	C (mm)	D (mm)	E[1] (mm)	F (mm)
0 362 50	263	163	-	-	-	-
0 362 51/71	325	225	125	225	102.5	228.5
0 362 52/72	425	325	225	325	87.5	228.5
0 362 55/75	525	325	325	325	95	328.5
0 362 56/76	625	425	425	425	100	428.5
0 362 61/81	725	525	525	525	100	528.5
0 362 63/83	925	725	725	725	100	728.5
0 362 64/84	1125	725	925	725	100	728.5



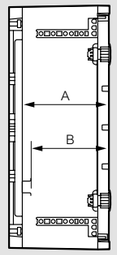
1: 2 studs on height Cat.No 0 362 50

Plates mounting

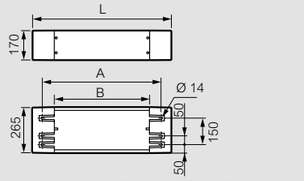
Cabinet Cat.Nos	Plate dim. (mm)	Plate Cat.Nos		
		Plain	Lina 12.5	Lina 25
0 362 52/72	300 x 400	0 360 51	0 360 04	0 360 11
0 362 55/75	400 x 400	0 360 70	0 360 05	0 360 92
0 362 56/76	500 x 500	0 360 71	0 360 14	0 360 93
0 362 61/81	600 x 600	0 360 57	0 360 24	0 360 17
0 362 63/83	800 x 800	0 360 60	0 360 34	0 360 20
0 362 64/84	1000 x 800	0 360 61	0 360 42	0 360 21

Adjustment of equipment (optional)

Cat.Nos	Plain plate (mm)		Chassis with rail ⌙⌠ (mm)	
	A max.	A min. (with Cat.No 0 362 42)	B max.	B min. (with Cat.No 0 362 42)
0 362 50	135	-	-	-
0 362 51/71	170	70	155	55
0 362 52/72	170	70	155	55
0 362 55/75	220	70	205	55
0 362 56/76	220	70	205	55
0 362 61/81	270	70	255	55
0 362 63/83	270	70	255	55
0 362 64/84	270	70	255	55

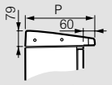


Plinths and roofs



Plinths Cat.Nos	L (mm)	A (mm)	B (mm)	Weight (kg)
0 362 91	590	480	344	4.8
0 362 92	790	680	544	5.4

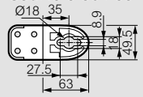
same fixing distances on ground and cabinet side



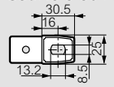
Roofs Cat.Nos	Width (mm)	D (mm)	Weight (kg)
0 362 93	510	310	1
0 362 94	612	360	1.3
0 362 95	812	360	1.7

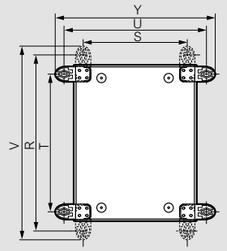
Fixing

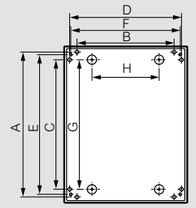
Cat.No 0 364 09



Cat.No 0 364 08



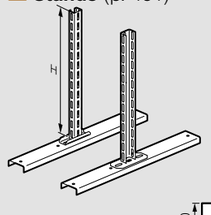




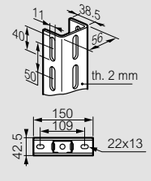
Cat.Nos	On stands 0 364 36 (mm)		Direct fixing on pole with kits 0 364 46/47/48/49 (mm)		Direct fixing outside mounting plate and stand area 0 364 37 (mm)		Direct fixing through rear of cabinet (mm)		With vertical brackets (mm)			With horizontal brackets (mm)		
	A	B	C	D	E	F	G	H	R	S	V	T	U	Y
0 362 50[1][2]	-	-	-	-	-	-	220	150	330	190	359	270	250	279
0 362 51/71	364	218	325	266	358	259	325	120	470	241	525	341	370	425
0 362 52/72	464	318	425	366	458	359	425	220	570	341	625	441	470	525
0 362 55/75	574	318	525	366	558	358	525	220	680	341	735	551	470	525
0 362 56/76	683	427	630	460.5	664	468	600	200	789	441	844	641	579	634
0 362 61/81	781	525	730	560.5	764	568	700	300	887	548	942	758	677	732
0 362 63/83	981	725	-	-	964	768	900	500	1087	748	1142	958	877	932
0 362 64/84	1181	725	-	-	1164	768	1100	500	1287	748	1342	1158	877	932

1: With brackets Cat.No 0 364 08
2: S and T dimensions: insert fixing centres

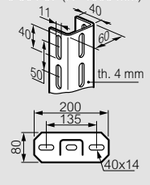
Stands (p. 431)

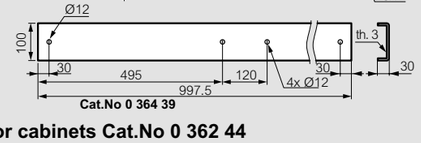


0 364 36 (H=1203 mm)



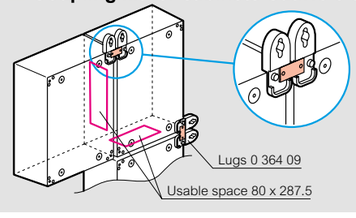
0 364 37 (H=1603 mm)





Cat.No 0 364 39

Coupling kit for cabinets Cat.No 0 362 44

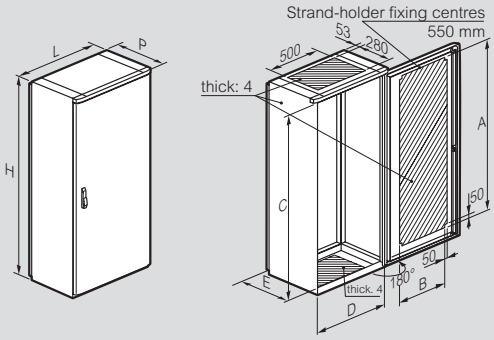


legrand

Marina cabinets and enclosures

polyester - IP 66 - IK 10 (continued)

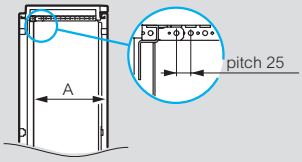
Dimensions, weights and usable areas of enclosures



Cat.Nos	Dimensions H x W x D (mm)	Weight (kg)	Usable areas (mm)				E(2)
			A	B	C	D	
0 362 85	1460 x 800 x 463(1)	49	1230	530	1300	700	380
0 362 86	1660 x 800 x 463(1)	53	1430	530	1500	700	380
0 362 87	1860 x 800 x 463(1)	57	1630	530	1700	700	380

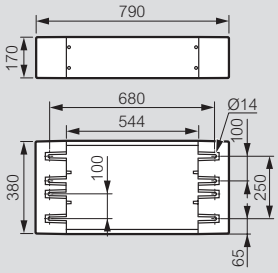
1: 487 with handle
2: Usable depth

Adjustment of equipment in enclosures

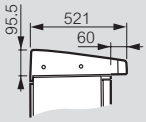


Plain plate (mm)		Partial plate (mm)		Chassis with rail ⌊ (mm)	
A max	A min	A max	A min	A max	A min
379	109	359	84	372	97

Plinth Cat.No 0 362 96



Roof Cat.No 0 362 97

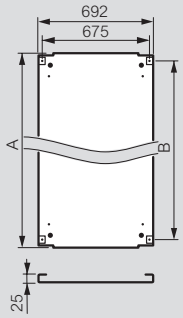


Plates

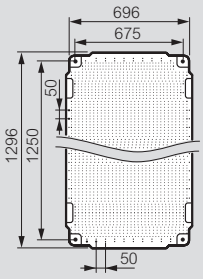
Choice of plates

Plates	Enclosures H. 1400 mm	Enclosures H. 1600 mm	Enclosures H. 1800 mm
Plain	0 349 59	0 349 50	0 344 18
Lina 12,5	0 346 08	2 x 0 481 40 + uprights 0 363 91	0 481 43 + 0 481 40 + uprights 0 363 92
Lina 25 perforated	0 346 09	2 x 0 474 90 + uprights 0 363 91	0 474 90 + 0 474 95 + uprights 0 363 92

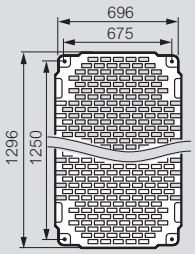
Plain plate



Lina 12.5 plate Cat.No 0 346 08

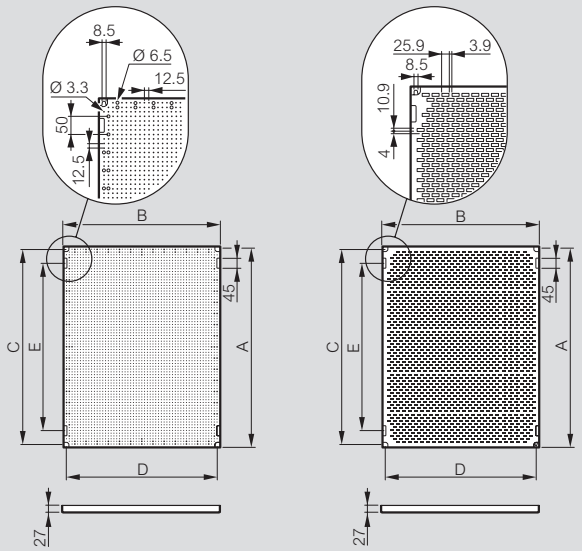


Lina 25 perforated plate Cat.No 0 346 09



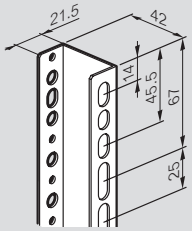
Enclosure height (mm)	Plain	
	A	B
1400	1292	1225
1600	1492	1425
1800	1692	1625

Lina 12.5 partial plain and Lina 25 perforated plates



Enclosures dim Height. x Width	Lina 12.5 partial plate and Lina 25 perforated plate					
	A	B	C	D	E	Area (dm²)
800 x 800	**703**	**703**	**675**	**675**	**550**	**49**
1000 x 1000	**903**	**903**	**875**	**875**	**750**	**82**

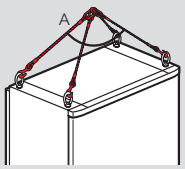
Sectionned uprights Cat.Nos 0 363 90/91/92



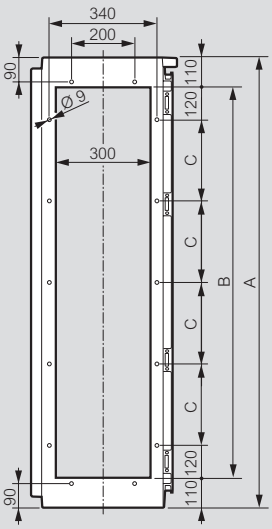
Suggested lifting method

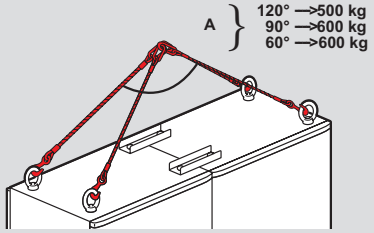
4 x 500 kg slings and 4 brackets

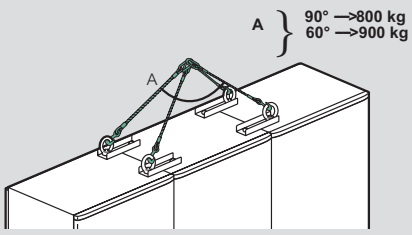
A } 120° —>250 kg
90° —>300 kg
60° —>300 kg



Assembly kit Cat.No 0 362 48 and lifting kit Cat.No 0 362 46



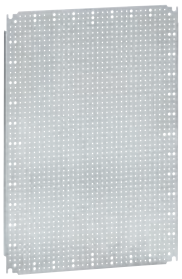




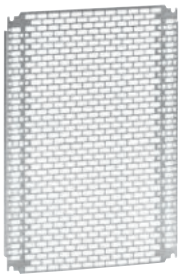
Enclosures Cat.Nos	Enclosures dimensions (mm)	Dimensions (mm)		
		A	B	C
0 362 85	1400 x 800 x 400	1460	1240	250
0 362 86	1600 x 800 x 400	1660	1440	300
0 362 87	1800 x 800 x 400	1860	1640	350

Atlantic, Atlantic stainless steel and Marina cabinets: plain plates and perforated plates

0 360 58

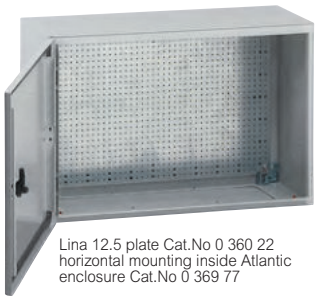


0 360 31



0 360 18

Lina 12.5 plate Cat.No 0 360 22 vertical mounting inside Atlantic enclosure Cat.No 0 369 26



Lina 12.5 plate Cat.No 0 360 22 horizontal mounting inside Atlantic enclosure Cat.No 0 369 77

Cabinet and equipment selection chart **p. 414-415**
Technical characteristics **p. 430**

Plain plates

Galvanized steel

Pack	Cat.Nos	Vertical mounting for cabinets Height (mm)	Width (mm)	Weight (kg)	Horizontal mounting for cabinets Height (mm)	Width (mm)
1	0 360 50[2]	300	200	0.6		
1	0 360 49[1]	300	220	0.9		
1	0 360 69	300	300	1		
1	0 360 52	400	300	1.3	300	400
1	0 360 70	400	400	1.7		
1	0 360 55	500	400	2.7		
1	0 360 71	500	500	3.5		
1	0 360 56	600	400	3.3	400	600
1	0 360 84	600	500	4.9		
1	0 360 57	600	600	6.2		
1	0 360 54	600	1000	10.6	1000	600
1	0 360 58	700	500	6		
1	0 360 59	800	600	8.4	600	800
1	0 360 60	800	800	11.4		
1	0 360 61	800	1000	14.4	1000	800
1	0 360 85	1200	600	12.1		
1	0 360 64	1200	800	18.5		
1	0 360 65	1200	1000	23	1000	1200
1	0 360 67[2]	1400	800	26.4		

Lina 12.5 plates

Galvanized steel.
With drilling for fixing equipment without marking.
Automatic bracket:
- Ø6.5 mm for plastic rivet Cat.No 0 366 44 (trunking)
- Ø3.3 mm for equipment with screw Cat.No 0 347 45

Pack	Cat.Nos	Vertical mounting for cabinets Height (mm)	Width (mm)	Weight (kg)	Horizontal mounting for cabinets Height (mm)	Width (mm)
1	0 360 00[2]	300	200	0.4		
1	0 360 01[1]	300	220	0.47		
1	0 360 02	300	300	0.6		
1	0 360 04	400	300	0.8	300	400
1	0 360 05	400	400	1.1		
1	0 360 09	500	400	1.5		
1	0 360 14	500	500	1.85		
1	0 360 22	600	400	2.2	400	600
1	0 360 24	600	600	3.7		
1	0 360 40	600	1000	6.8	1000	600
1	0 360 31	700	500	3.7		
1	0 360 33	800	600	5.2	600	800
1	0 360 34	800	800	7		
1	0 360 42	1000	800	9.2	800	1000
1	0 360 46	1200	800	11.1		
1	0 360 47	1200	1000	13.9	1000	1200
1	0 360 75[2]	1400	800	13		

Lina 25 perforated plates

Galvanized steel

Common for all types of cabinets

Pack	Cat.Nos	For cabinets Height x Width (mm)	Weight (kg)
1	0 360 07[2]	300 x 200	0.4
1	0 360 99[1]	300 x 220	0.4
1	0 360 91	300 x 300	0.5
1	0 360 11	300 x 400	0.6
1	0 360 12	400 x 300	0.6
1	0 360 92	400 x 400	0.8
1	0 360 13	400 x 600	1.1
1	0 360 15	500 x 400	0.9
1	0 360 93	500 x 500	1.1
1	0 360 16	600 x 400	1.3
1	0 360 17	600 x 600	2.1
1	0 360 06	600 x 800	3.1
1	0 360 08	600 x 1000	3.7
1	0 360 18	700 x 500	2
1	0 360 19	800 x 600	3.1
1	0 360 20	800 x 800	4
1	0 360 94	800 x 1000	5
1	0 360 23	1000 x 600	3.7
1	0 360 21	1000 x 800	4.9
1	0 360 10	1000 x 1200	8.5
1	0 360 87	1200 x 800	7.1
1	0 360 90[2]	1400 x 800	7.8

Clip-nuts for perforated plates

Supplied without screw

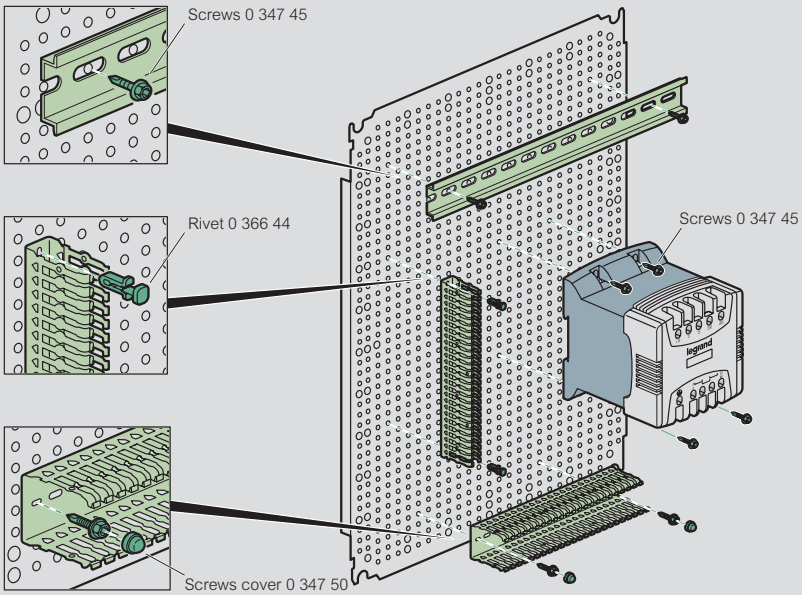
Pack	Cat.Nos	
100	0 364 40	For M4 screws
100	0 364 41	For M5 screws
100	0 364 42	For M6 screws

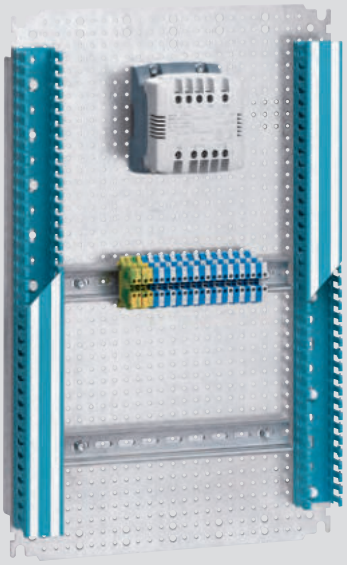
Accessories

Pack	Cat.Nos	
500	0 366 44	Rivet reinforced plastic Ø6 mm for drilling Ø6.5 mm
100	0 347 45	Screw head 4.8 x 16 mm self-drilling, self-tapping for Ø3.3 mm
200	0 347 50	Screw cover for isolation of screw head Cat.No 0 347 45 inside the trunking

1: For Marina cabinets
2: For Atlantic

Atlantic, Atlantic stainless steel and Marina cabinets: plain plates and perforated plates



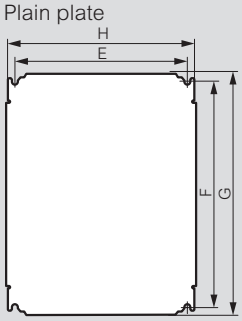


Fixing exemple on Lina 12.5 plate:
- of a transformer with screws Cat.No 0 347 45
- of a rail
- of Lina 25 cable ducting (p. 480)

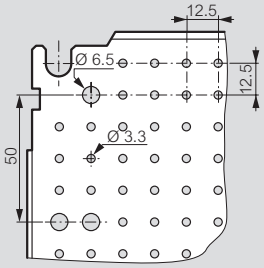
Dimensions

Lina 12.5 plain plates and Lina 25 perforated plates

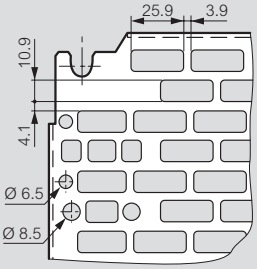
Plain plate



Details Lina 12.5



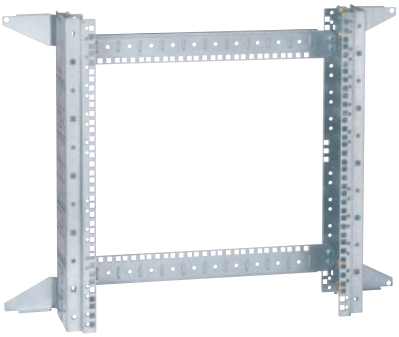
Details Lina 25 perforated plate



Cabinets dimensions Height x Width (mm)	Dimensions of plates Plain / Lina 12.5 / 25 plates		Usable space for equipment (dm²)	Mounting of plates	
	G (mm)	H (mm)		F (mm)	E (mm)
300 x 200	256	156	4.2	225	125
300 x 220	275	192	5.3	263	163
300 x 300	256	256	6.2	225	225
300 x 400(1)	256	356	8.2	225	325
400 x 300(1)	356	256	8.2	325	225
400 x 400	356	356	11.7	325	325
400 x 600(1)	356	556	18.7	325	525
500 x 400	456	356	15.2	425	325
500 x 500	456	456	19.2	425	425
600 x 400(1)	556	356	18.7	525	325
600 x 500	556	456	25.3	525	425
600 x 600	556	556	29.7	525	525
600 x 800(1)	556	756	40.7	525	725
600 x 1000(1)	556	956	51.7	525	925
700 x 500	656	456	28.7	625	425
800 x 600(1)	756	556	40.7	725	525
800 x 800	756	756	55.7	725	725
800 x 1000(1)	756	956	71.7	725	925
1000 x 600(1)	956	556	51.7	925	525
1000 x 800(1)	956	756	70.7	925	725
1000 x 1200(1)	956	1156	108.7	925	1125
1200 x 600	1156	556	64.2	1125	525
1200 x 800	1156	756	85.7	1125	725
1400 x 800	1356	756	100.7	1325	725

1: For horizontal or vertical mounting

Atlantic, Atlantic stainless steel and Marina cabinets equipment



0 462 28 supplied not assembled

0 367 36

0 362 56
on stand Cat.No 0 364 36
and cross-pieces
Cat.No 0 364 39

0 364 45

Cabinet and equipment selection chart **p. 414-415**
Technical characteristics **p. 437**

Lina 25 sectioned uprights

Set of 2 uprights

Pack	Cat.Nos	For cabinets height (mm)	Length (mm)	Section
5	0 361 50[1]	300	237	L
5	0 361 51	400	337	L
5	0 361 52	500	437	L
5	0 361 53	600	537	L
5	0 361 54	700	637	L
5	0 361 55	800	737	L
5	0 361 56	1000	937	L
1	0 361 58	1200	1137	L
1	0 361 59[1]	1400	1337	L

Upright to be cut

Pack	Cat.Nos	
10	0 361 92	Length 3 m - Section L

Lina 25 rail

Rail
For fixing onto uprights with clip nut Cat.No 0 364 42 and screw-washer Cat.No 0 367 75 (p. 439)
⌙⌜ depth 15 mm

Pack	Cat.Nos	For cabinets width (mm)	Crosspiece length (mm)	Section
10	0 367 80	300	243	
10	0 367 81	400	343	
10	0 367 82	500	443	
10	0 367 83	600	543	⌙⌜
10	0 367 84	800	743	
10	0 367 85	1000	943	
10	0 367 86	1200	1143	

Rail to be cut, length 2 m

Pack	Cat.Nos	
10	0 374 02	⌙⌜ EN 60715
10	0 374 07	Symmetrical ⌙⌜ depth 15 mm
10	0 374 04	Symmetrical ⌙⌜ EN 60175 depth 7.5 mm
10	0 477 22	⌙⌜ depth 7.5 mm with oblongs
10	0 477 23	⌙⌜ depth 15 mm with oblongs

Protective conductor lug

Pack	Cat.Nos	
5	0 367 36	Support lug for protection copper bar For Atlantic enclosures only

Wall-mounting VDI chassis for Atlantic, and Marina cabinets

For integrating 19" VDI equipment in Atlantic, and Marina cabinets, width 600 or 800 mm and depth 250 mm min.
In 400 mm wide cabinets, the chassis can integrate 10'' VDI equipment (p. 945)
Can be fixed directly to the wall to create a wall-mounting chassis (without cabinet)
Self-locking cable ties and cable ties with tightenning indicator (p. 953) can be fitted
Technical characteristics see p. 952

Pack	Cat.Nos	
1	0 462 27	6 U chassis
1	0 462 28	12 U chassis
1	0 462 29	16 U chassis

1: For Atlantic and Atlantic stainless steel only

Fixing accessories on ground

Stand comprised of 2 feet for fixing cabinets high up
Supplied with cabinet fixing screws
Hot galvanized steel
Conform to EN 50125-3 (railway applications, fixed installations)
For Atlantic, Atlantic stainless steel and Marina cabinets

Pack	Cat.Nos	
1	0 364 36	For cabinets height 400 to 800 mm
1	0 364 37	For cabinets height 1000 to 1200 mm
1	0 364 39	Anti-tipping cross-pieces Option of fitting casters Cat.No 0 464 83 (p. 423)

Fixing accessories vertical / horizontal on pole

For Atlantic, Atlantic stainless steel, and Marina enclosures and P17 combined units (p. 536)
Features of the pole kit:
- box / pole spacing = 30 mm
- clamping the strip with tool Cat.No 0 364 45

Load capacity: 300 kg
Composed of:
- 2 hot-dip galvanized steel crosspieces
- 2 stainless steel strips length: 1200 mm, with integrated clip
- screws

Pack	Cat.Nos	
1	0 364 46	For enclosures width 300 mm
1	0 364 47	For enclosures width 400 mm
1	0 364 48	For enclosures width 500 mm
1	0 364 49	For enclosures width 600 mm

Cutter clamp tool

Pack	Cat.Nos	
1	0 364 45	Allows to stretch and cut the steel strips Supplied in a briefcase

Atlantic, Atlantic stainless steel and Marina cabinets equipment (continued)

0 363 13

0 475 45

Metal Atlantic cabinet equiped with document holder Cat.No 0 365 82

Cabinet and equipment selection chart **p. 414-415**

Hinged glass doors

IP 54
Anodised aluminium frame
Polycarbonate transparent window, 3 mm stick
Neoprene seal
455 key lock. 150° opening
Supplied complete with drilling template
For devices on front panels. Protect the devices and prevent accidental operation

Pack	Cat.Nos	Width (mm)	Height (mm)	External dim. Width (mm)	Window Height (mm)	Window Deph (mm)	Usable Depth (mm)
1	0 475 45	300	400	50	230	330	42
1	0 475 46	400	400	50	330	330	42
1	0 475 47	500	500	50	430	430	42

Copper bars

Copper bars with tapped holes

Pack	Cat.Nos	Cross-section (mm)	Permis I (A)	Tapped holes Ø mm	Tapped holes Pitch	Length (mm)
10	0 373 88	12 x 2	110	M5	18	990
10	0 373 89	12 x 4	160	M5	18	990

Connectors for bars with tapped holes

Pack	Cat.Nos	
100	0 373 65[1]	1 or 2 conductor from 1.5 to 10 mm² (supplied with Ø5 mm screws)

Non perforated copper bar

Pack	Cat.Nos	Cross-section (mm)	Permis I (A)	Length (mm)
10	0 373 49	12 x 4	180	991.5

Connectors for bar Cat.No 0 373 49

Pack	Cat.Nos	
100	0 373 60	1.5 to 4 mm²
10	0 373 61	6 to 16 mm²
10	0 373 62	10 to 35 mm² (supplied with M6 CHC Ø5 mm)

Door contact

Pack	Cat.Nos	
1	0 363 13	For example, to cut off the air conditioning and the lighting supply as soon as the enclosure or cabinet door is opened 3 A - 240 V 1 NC contact + 1 NO contact For Atlantic and Marina cabinets Supplied with fixing lug

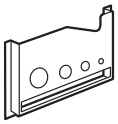
Self adhesive document holder (for plans)

Open - RAL 7035

Pack	Cat.Nos	External dimensions Width (mm)	External dimensions Height (mm)	Internal dimensions Width (mm)	Internal dimensions Height (mm)	Internal dimensions Depth (mm)
20	0 365 80	340	235	310	200	18
20	0 365 81	260	165	230	130	18

Closed - RAL 7035

Pack	Cat.Nos	
1	0 365 82	Rigid plastic - IP 50 Internal dimensions: 324 x 120 x 18 mm



Transparent

Pack	Cat.Nos	
10	0 097 99	Flexible plastic - A4 - 305 x 220 mm

Door stop for Atlantic metal cabinets

Pack	Cat.Nos	
1	0 363 86[2]	Allows door stop at 90° Supplied with screws

1: Protective conductor per connector (art. 12 of French decree of 14/11/89)
2: For Atlantic metal cabinets only

Atlantic, Atlantic stainless steel and Marina cabinets

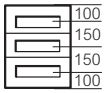
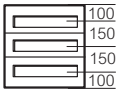
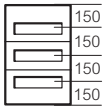
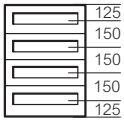
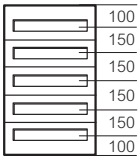
ready-to-use chassis

Marina cabinet 0 362 55 +
plastic chassis Cat.No 4 330 03

Atlantic cabinet with glass door Cat.No 0 369 36 +
metal chassis Cat.No 4 330 13

Chassis with plastic faceplates RAL 7035

Supplied complete with ⊔ rails depth 15 mm, functional and faceplate support uprights, and faceplates
Self-extinguishing at 750°C according to standard EN/IEC 60695-2-11
Individual faceplates, height 150 mm
The chassis frame can be removed for wiring outside the cabinet
Suitable for all cabinet depths
For Atlantic, Atlantic stainless steel and Marina cabinets

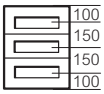
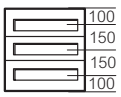
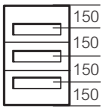
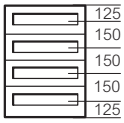
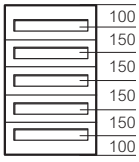
Pack	Cat.Nos		
1	4 330 00	**For cabinets 400 x 300 mm** 30 modules (3 rows of 10) Supplied with 1 blanking plate	
1	4 330 01	**For cabinets 500 x 400 mm** 48 modules (3 rows of 16) Supplied with 1 blanking plate	
1	4 330 02	**For cabinets 500 x 500 mm** 63 modules (3 rows of 21) Supplied with 1 blanking plate	
1	4 330 03	**For cabinets 600 x 400 mm** 48 modules (3 rows of 16) Supplied with 1 blanking plate	
1	4 330 04	**For cabinets 700 x 500 mm** 84 modules (4 rows of 21) Supplied with 2 blanking plates	
1	4 330 05	**For cabinets 800 x 600 mm** 135 modules (5 rows of 27) Supplied with 2 blanking plates	

Blanking plate

Pack	Cat.Nos	
10	0 361 00	38 modules, length 684 mm

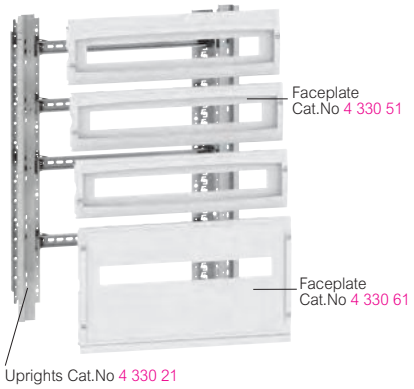
Chassis with metal faceplates RAL 7035

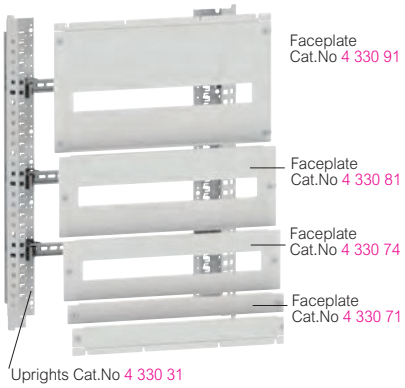
Supplied complete with ⊔ rails depth 15 mm, functional and faceplate support uprights, and faceplates
Self-extinguishing at 750°C according to standard EN/IEC 60695-2-11
Monobloc faceplates
The chassis frame can be removed for wiring outside the cabinet
Suitable for all cabinet depths
For Atlantic and Atlantic stainless steel cabinets

Pack	Cat.Nos		
1	4 330 10	**For cabinets 400 x 300 mm** 30 modules (3 rows of 10) Supplied with 1 blanking plate	
1	4 330 11	**For cabinets 500 x 400 mm** 48 modules (3 rows of 16) Supplied with 1 blanking plate	
1	4 330 12	**For cabinets 500 x 500 mm** 63 modules (3 rows of 21) Supplied with 1 blanking plate	
1	4 330 13	**For cabinets 600 x 400 mm** 48 modules (3 rows of 16) Supplied with 1 blanking plate	
1	4 330 14	**For cabinets 700 x 500 mm** 84 modules (4 rows of 21) Supplied with 2 blanking plates	
1	4 330 15	**For cabinets 800 x 600 mm** 135 modules (5 rows of 27) Supplied with 2 blanking plates	

Atlantic, Atlantic stainless steel and Marina cabinets

chassis for customer assembly

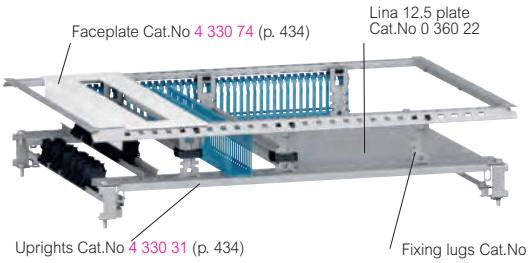




Pack	Cat.Nos	
		Functional and faceplate support uprights for plastic faceplates
		For Atlantic, Atlantic stainless steel and Marina cabinets Can take: ⌙ rails depth 15 mm, solid plates, Lina 12.5 and Lina 25 plates and plastic faceplates
1	4 330 20	For cabinets 700 x 500 mm
1	4 330 21	For cabinets 800 x 600 mm
1	4 330 22	For cabinets 800 x 800 mm
1	4 330 23	For cabinets 1000 x 600 mm
1	4 330 24	For cabinets 1000 x 800 mm
1	4 330 25	For cabinets 1200 x 800 mm
		Plastic faceplates for modular equipment
		For Atlantic, Atlantic stainless steel and Marina cabinets RAL 7035 Supplied with ⌙ rails depth 15 mm Fix onto faceplate support uprights for plastic faceplates Cat.Nos 4 330 20/21/22/23/24/25 Adjustable rail depth: 45, 60 or 75 mm
		Height 150 mm
1	4 330 50	For cabinets width 500 mm (19 modules/row)
1	4 330 51	For cabinets width 600 mm (25 modules/row)
1	4 330 52	For cabinets width 800 mm (36 modules/row)
		Height 300 mm
1	4 330 60	For cabinets width 500 mm (19 modules/row)
1	4 330 61	For cabinets width 600 mm (25 modules/row)
1	4 330 62	For cabinets width 800 mm (36 modules/row)
		Plastic solid faceplates
		For Atlantic, Atlantic stainless steel and Marina cabinets RAL 7035 Fix onto faceplate support uprights for plastic faceplates Cat.Nos 4 330 20/21/22/23/24/25
		Height 150 mm
1	4 330 53	For cabinets width 500 mm
1	4 330 54	For cabinets width 600 mm
1	4 330 55	For cabinets width 800 mm
		Height 300 mm
1	4 330 63	For cabinets width 500 mm
1	4 330 64	For cabinets width 600 mm
1	4 330 65	For cabinets width 800 mm

Pack	Cat.Nos	
		Functional and faceplate support uprights for metal faceplates
		For Atlantic and Atlantic stainless steel cabinets Can take: ⌙ rails depth 15 mm, solid plates, Lina 12.5 and Lina 25 plates and metal faceplates
1	4 330 30	For cabinets 700 x 500
1	4 330 31	For cabinets 800 x 600
1	4 330 32	For cabinets 800 x 800
1	4 330 33	For cabinets 1000 x 600
1	4 330 34	For cabinets 1000 x 800
1	4 330 35	For cabinets 1200 x 800
		Metal faceplates for modular equipment
		For Atlantic and Atlantic stainless steel cabinets RAL 7035 Supplied with ⌙ rails depth 15 mm Fix onto faceplate support uprights for metal faceplates Cat.Nos 4 330 30/31/32/33/34/35 Adjustable rail depth: 45, 60 or 75 mm
		Height 150 mm
1	4 330 73	For cabinets width 500 mm (19 modules/row)
1	4 330 74	For cabinets width 600 mm (25 modules/row)
1	4 330 75	For cabinets width 800 mm (36 modules/row)
		Height 200 mm
1	4 330 80	For cabinets width 500 mm (19 modules/row)
1	4 330 81	For cabinets width 600 mm (25 modules/row)
1	4 330 82	For cabinets width 800 mm (36 modules/row)
		Height 300 mm
1	4 330 90	For cabinets width 500 mm (19 modules/row)
1	4 330 91	For cabinets width 600 mm (25 modules/row)
1	4 330 92	For cabinets width 800 mm (36 modules/row)
		Solid metal faceplates
		For Atlantic and Atlantic stainless steel cabinets RAL 7035 Fix onto faceplate support uprights for metal faceplates Cat.Nos 4 330 30/31/32/33/34/35
		Height 50 mm
1	4 330 70	For cabinets width 500 mm
1	4 330 71	For cabinets width 600 mm
1	4 330 72	For cabinets width 800 mm
		Height 150 mm
1	4 330 76	For cabinets width 500 mm
1	4 330 77	For cabinets width 600 mm
1	4 330 78	For cabinets width 800 mm

Atlantic, Atlantic stainless steel and Marina cabinets - chassis for customer assembly (continued)



Pack	Cat.Nos	Solid metal faceplates (continued)
		RAL 7035 Fix onto faceplate support uprights for metal faceplates Cat.Nos 4 330 30/31/32/33/34/35
		Height 200 mm
1	4 330 83	For cabinets width 500 mm
1	4 330 84	For cabinets width 600 mm
1	4 330 85	For cabinets width 800 mm
		Height 300 mm
1	4 330 93	For cabinets width 500 mm
1	4 330 94	For cabinets width 600 mm
1	4 330 95	For cabinets width 800 mm
		Fixing lugs
1	4 330 99	Used to mount and adjust the depth of ⌙ rails depth 15 mm, solid plates, or Lina 12.5 and Lina 25 plates on functional uprights of chassis for customer assembly If mounting plates, order 2 kits Kit of 2 lugs
		Mounting plates
1	4 330 45	For mounting power equipment such as DPX³ 160, Vistop 160 A in cabinets width 600 mm
1	4 330 46	For mounting 1, 2 or 3 DPX³ 160, DPX³ 250 and Vistop 160 A power devices in cabinets width 800 mm

Atlantic, Atlantic stainless steel and Marina cabinets - chassis for customer assembly

Cabinet faceplate height

Cabinet height (mm)	Usable height (mm)	
	Plastic Faceplates	Metal Faceplates
700	600	650
800	750	750
1000	900	950
1200	1050	1150

Selection guide

	Cabinet H x W (mm)	700 x 500	800 x 600	800 x 800	1000 x 600	1000 x 800	1200 x 800
Atlantic Stainless steel Atlantic (metal faceplates)		4 330 30	4 330 31	4 330 32	4 330 33	4 330 34	4 330 35
	50	4 330 70	4 330 71	4 330 72	4 330 71	4 330 72	4 330 72
	150	4 330 73	4 330 74	4 330 75	4 330 74	4 330 75	4 330 75
	150	4 330 76	4 330 77	4 330 78	4 330 77	4 330 78	4 330 78
	200	4 330 80	4 330 81	4 330 82	4 330 81	4 330 82	4 330 82
	200	4 330 83	4 330 84	4 330 85	4 330 84	4 330 85	4 330 85
	300	4 330 90	4 330 91	4 330 92	4 330 91	4 330 92	4 330 92
	300	4 330 93	4 330 94	4 330 95	4 330 94	4 330 95	4 330 95
Atlantic, Stainless steel Atlantic, Marina (plastic faceplates)		4 330 20	4 330 21	4 330 22	4 330 23	4 330 24	4 330 25
	150	4 330 50	4 330 51	4 330 52	4 330 51	4 330 52	4 330 52
	150	4 330 53	4 330 54	4 330 55	4 330 54	4 330 55	4 330 55
	300	4 330 60	4 330 61	4 330 62	4 330 61	4 330 62	4 330 62
	300	4 330 63	4 330 64	4 330 65	4 330 64	4 330 65	4 330 65

Red catalogue numbers: New products

IP 68 CABLE GLANDS

Quick, simple & hermetic tightening cable glands

A wide range of ISO and PG plastic or metal cable glands, able to ensure the protection and clamping of cables and perfectly adapted to industrial environments and applications.

IP 68 metal cable glands

See p. 445

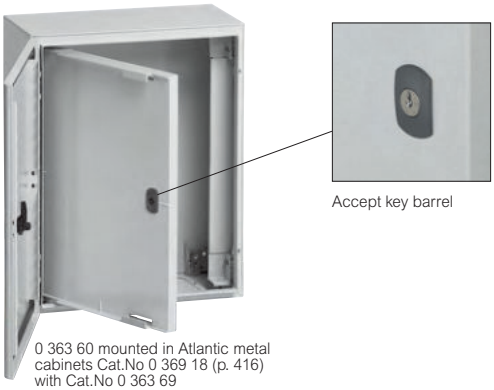
Grey RAL 7001 IP 68 plastic cable glands supplied with locking nuts

See p. 446

Black RAL 9011 IP 68 plastic cable glands supplied without locking nuts

See p. 446

Atlantic, Atlantic stainless steel and Marina cabinets internal doors



Accept key barrel

0 363 60 mounted in Atlantic metal cabinets Cat.No 0 369 18 (p. 416) with Cat.No 0 363 69

Cabinet and equipement selection chart **p. 414-415**

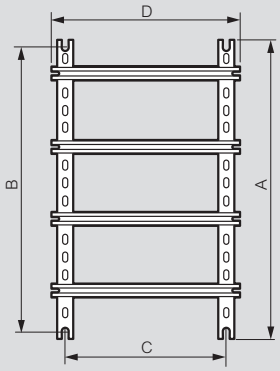
Insulating internal doors RAL 7035

For direct mouting in Marina and Atlantic stainless steel cabinets, with Cat.No 0 363 69 in Atlantic metal cabinets
IP XXB
Polyester fiber glass reinforced, height 4 mm
Self-extinguishing 960°C acc. to IEC EN 60695-2-11
Grid lines integrated on back
Centre marking on front
Adjustable distance between cabinet door and internal door: 42 to 50 mm for Atlantic cabinets, more than 100 mm for Marina cabinets
Right or left opening, captive hinge pins
Double bar key: 1 key for 400 to 600 mm height, 2 keys for height from 700 mm
Take key barrels and other barrels

Pack	Cat.Nos	For cabinets Height x Width(mm)	Dim. (mm) Height x Width	Usable dim. (mm) Height x Width
1	0 363 59	400 x 300	341 x 236	306 x 205
1	0 363 60	500 x 400	441 x 336	406 x 270
1	0 363 61	600 x 400	541 x 336	505 x 270
1	0 363 62	700 x 500	642 x 436	500 x 360
1	0 363 63	800 x 600	742 x 536	600 x 460
1	0 363 64	1000 x 800	942 x 736	800 x 660
1	0 363 65	1200 x 800	942 x 736	800 x 660

Atlantic, Atlantic stainless steel and Marina cabinets rails and uprights

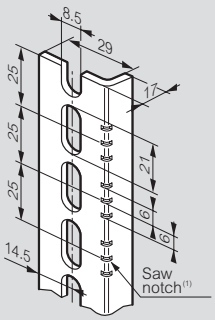
Assembled chassis with rails and Lina 25 uprights



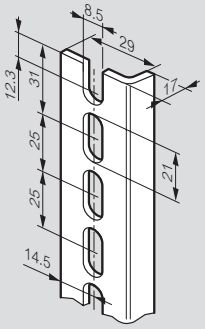
Dimensions of cabinets Height x Width (mm)	Uprights height	Rail length	Chassis fixing	
	A (mm)	D (mm)	B (mm)	C (mm)
300 x 200	237	143	225	125
300 x 300	237	243	225	225
300 x 400	237	343	225	325
400 x 300	337	243	325	225
400 x 400	337	343	325	325
400 x 600	337	543	325	525
500 x 400	437	343	425	325
500 x 500	437	443	425	425
600 x 400	537	343	525	325
600 x 500	537	443	525	425
600 x 600	537	543	525	525
600 x 800	537	743	525	725
600 x 1000	537	943	525	925
700 x 500	637	443	625	425
800 x 600	737	543	725	525
800 x 800	737	743	725	725
800 x 1000	737	943	725	925
1000 x 600	937	543	925	525
1000 x 800	937	743	925	725
1000 x 1200	937	1143	925	1125
1200 x 600	1137	543	1125	525
1200 x 800	1137	743	1125	725
1200 x 1000	1137	943	1125	925
1400 x 800	1337	743	1325	725

Lina 25 sectioned uprights and uprights to be cut

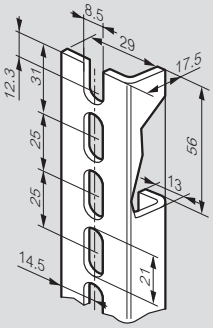
Cat.No 0 361 92



Cat.Nos 0 361 50/51/52/ 53/54/55/56



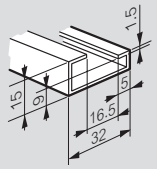
Cat.No 0 361 58/59



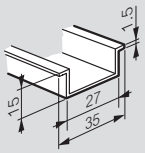
1: Saw notch for upright length x pitch 25, the 2 others for uprights Cat.Nos 0 361 50/51/52/53/54/55/56

Rails

Cat.No 0 374 02



Cat.Nos 0 367 80/81/82/83/84/85/86 and 0 374 07



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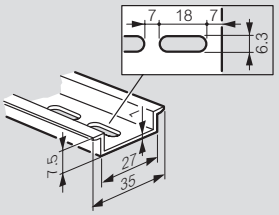

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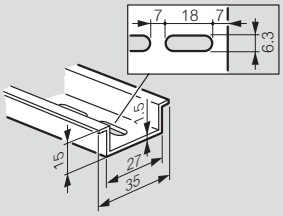


Locking accessories

0 368 04

0 368 05

0 368 06

0 365 11

0 365 13

0 368 43

0 368 42

0 368 08

0 368 17

0 368 20

0 368 22

0 365 42

Pack	Cat.Nos	Lock housings for rebate locks or key barrets
		For Atlantic and Marina cabinets
10	0 368 04	Lock
10	0 368 05	Knob (with blanking plate)
10	0 368 06	Knob fitted with key barrel 2433 A

		Padlocking
		Takes 3 safety padlocks Cat.No 0 227 97 (p. 75) Shackle Ø6 mm max.
1	0 365 11	For fitting on Atlantic, Atlantic stainless steel and Marina knob or lock RAL 7021 painted steel
1	0 365 13	Padlock adaptor stainless steel for Marina cabinets height ≥ 400 mm additional to latches Takes 3 padlocks Ø6 max.

		Locking latches
10	0 365 30	For Marina cabinets
10	0 368 43	For Atlantic 1-door cabinet

		Metal rebate locks
		For Atlantic and Marina cabinets
10	0 368 17[1]	Triangle male 6.5 mm
10	0 368 18[1]	Triangle male 8 mm
10	0 368 19[1]	Triangle male 9 mm (EDF)
10	0 368 20[1]	Double bar

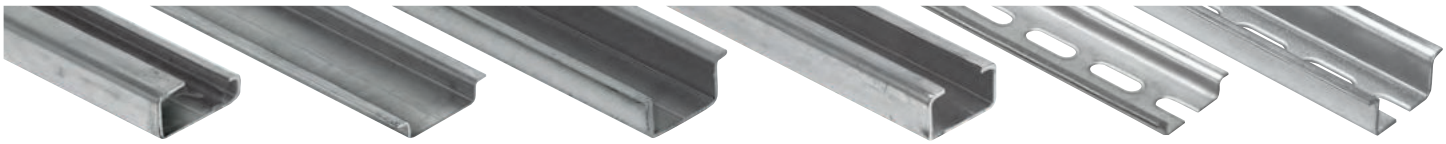
Pack	Cat.Nos	Key barrels
		For Atlantic and Marina cabinets Supplied with set of 2 key
10	0 368 22[1]	For key No 405
10	0 368 23[1]	For key No 421
10	0 368 24[1]	For key No 455
10	0 368 25[1]	For key No 1242 E
10	0 368 26[1]	For key No 2433 A
10	0 368 27[1]	For key No 3113 A
10	0 365 45[1]	Set of two 2433 A keys
		Other key code: please consult us

		Metal keys for rebate locks
10	0 365 35	Square female 6 mm
10	0 365 39	Triangle male 6.5 mm
10	0 365 40	Triangle male 8 mm
10	0 365 41	Triangle male 9 mm (EDF)
10	0 365 42	Double bar
1	0 368 42	Multi-size key for rebate locks: square male 8 mm, square male 6 mm, Triangle male 8 mm and double bar

		One-point locking kit
		The kit comprises: - 1 knob fitted with key barrel 2433 A - 1 rod and fixing accessories For Atlantic metal cabinets only (p. 416)
1	0 368 08	For cabinets height 600 mm
1	0 368 09	For cabinets height 700 mm
1	0 368 10	For cabinets height 800 mm

1: Except Marina enclosures: please consult us

Uprights, rails and fixing accessories for cabinets and enclosures



0 374 02 | 0 374 04 | 0 374 07 | 0 389 71 | 0 477 22 | 0 477 23

0 366 44

0 347 45

0 347 50

0 477 13

For mounting chassis and fixing wiring accessories

Pack	Cat.Nos	Uprights to be cut
		Lina 25
10	0 361 92	Length: 3 m - L Section
		On C profile rail
10	0 389 71	⊏ Section Length: 2 m

Pack	Cat.Nos	Rails to be cut
		Length 2 m
10	0 374 02	⊏ EN 60 715
10	0 374 04	⌙ EN 60 715 depth 7.5 mm
10	0 374 07	⌙ depth 15 mm
10	0 389 71	⊏ Section
10	0 477 22	⌙ depth 7.5 mm with oblongs
10	0 477 23	⌙ depth 15 mm with oblongs

Pack	Cat.Nos	45° mounting bracket
10	0 394 49	Set of 2 supports for 45° rail slope Supplied with 4 M6 screws Ø6 mm, nuts and washers

Pack	Cat.Nos	Fixing accessories
		On plain plates
100	0 347 46	CBL Z 5.5 x 16 PZ No 3 self-tapping screw
100	0 347 47	CBL Z 5.5 x 19 self-drilling tapping screw
		On Lina 12.5 plates
500	0 366 44[1]	Rivet reinforced plastic Ø6 mm for drilling Ø6.5 mm
100	0 347 45	Screw head H 4.8 x 16 mm self-drilling, self-tapping for Ø3.3 mm
200	0 347 50	Screw caps for isolation of screw head Cat.No 0 347 45
		On Lina 25 perforated plates
		Clip-nuts supplied without screw
100	0 364 40	For M4 screws
100	0 364 41	For M5 screws
100	0 364 42	For M6 screws
		On cabinet frame and crosspieces
		Clip-nuts with pins which provide earth continuity
50	0 477 12	For M6 screws
50	0 477 13	For M8 screws
		On rails EN 60 715 ⊏
100	0 364 61	Fixobar for M4 screws
100	0 364 62	Fixobar for M5 screws
100	0 364 63	Fixobar for M6 screws

Pack	Cat.Nos	Fixing accessories (continued)
		Adaptor
20	0 364 66	For mounting on rail ⊏ equipment fitting on rail ⌙ Width 17 mm Increase equipment height of 6 mm
		On rails EN 60 715 ⊏ ⌙
100	0 364 78	For M4 screws
100	0 364 79	For M6 screws
		On rails EN 60 715 ⌙
10	0 044 16	Claw width 10 mm Threaded hole for M4 screw
50	0 044 17	Claw width 17.5 mm Smooth hole 3.8 mm Supplied with fixing screw Ø3.5 mm Length 13 mm
100	0 374 39	Claw width 35 mm Holes for M4 and M6 screws
40	0 364 69	Fixomega for M4 screws
		On C profile rail
100	0 364 82	Stirrup for M6 screws
20	0 367 60	Nut with CBL screw 6 x 10
		Cage nuts
		For mounting on square perforation 8.3 x 8.3 mm
20	0 364 50	M4
20	0 364 51	M5
20	0 364 52	M6
		HF screw with contact washer
50	0 367 75	M 6-10 HF screws with contact washers

1: Can also be used on Lina 25 perforated plate

Heat regulation for cabinets and enclosures

ventilators

0 348 17

0 348 52

exemple of plastic louvre mounted

0 348 54

Technical characteristics **p. 442**

Pack	Cat.Nos	Ventilator with metal louvre
		IP 32 - IK 10 Ventilator is mounted on the outside of the enclosure or cabinet A second outlet can be installed to increase the flow rate and optimise discharge rates from the enclosure 230 V - 50/60 Hz
1	0 348 17	**30/160 m³/ h :** 30 m³ installed with filter 160 m³ for free blow-out Supplied with a pair of metal louvres, a pair of anti-insect grilles and an internal finger-guard grille RAL 7035

Pack	Cat.Nos	Ventilators with plastic louvre
		IP 54 - IK 08 230 V - 50/60 Hz RAL 7035 Equipped with finger-guard grilles Reduced external dimensions (7 to 10 mm) Ventilator is mounted on the outside of the enclosure or cabinet Screw fixing on a panel width 1 to 4 mm A second outlet louvre can be installed to increase the flow rate and optimise discharge rates from the enclosure
1	0 348 50	**40/160 m³/h** 40 m³ installed with filter 45 m³ with second louvre Cat.No 0 348 34 160 m³ for free blow out Supplied with a pair of louvres 150 x 150 mm equipped Electrostatic filter washable G3, acc. EN 779
1	0 348 51	**120/160 m³/h** 120 m³ installed with filter 130 m³ with second louvre Cat.No 0 348 35 160 m³ for free blow out Supplied with a pair of louvres 250 x 250 mm Media filter washable G3, acc. EN 779

Pack	Cat.Nos	Ventilators with plastic louvre (continued)
1	0 348 52	**240/450 m³/h** 240 m³ installed with filter 260 m³ with second louvre Cat.No 0 348 35 450 m³ for free blow out Supplied with a pair of louvres 250 x 250 mm Media filter washable G3, acc. EN 779
1	0 348 53	**400/900 m³/h** 400 m³ installed with filter 450 m³ with second louvre Cat.No 0 348 36 900 m³ for free blow out Supplied with a pair of 325 x 325 mm Media filter washable G3, acc. EN 779
1	0 348 54	**550/1200 m³/h** 550 m³ installed with filter 620 m³ with second louvre Cat.No 0 348 36 1200 m³ for free blow out Supplied with a pair of louvres 325 x 325 mm Media filter washable G3, acc. EN 779

Heat regulation for cabinets and enclosures

ventilators (continued)

0 365 74

0 348 08

0 365 77

0 365 79

0 348 05

0 348 35

Technical characteristics **p. 442**

Pack	Cat.Nos	**Air circulation kit 160 m³/h**				
1	0 365 74	230 V∿ - 50/60 Hz Uniformizes temperature in enclosure Prevent hot spots Plate or rail mounting in bottom part of enclosure or under most sensitive equipment The air flow must be directed upward				
		Roof ventilators				
		Plastic - RAL 7035 Provide very high extraction rate Screw mounting on top of enclosures Dimensions: 400 x 350 x 100 mm Delivered without input air louvre IP 23 - IK 08 With motor 230 V∿ - 50/60 Hz				
		Free blowing (m³/h)	Flow rate (m³/h) with 1 louvre Cat.No 0 348 35	Flow rate (m³/h) with 2 louvres Cat.No 0 348 35	Flow rate (m³/h) with 1 louvre Cat.No 0 348 36	Flow rate (m³/h) with 2 louvres Cat.No 0 348 36
1	0 348 07	600	350	400	400	450
1	0 348 08	1000	400	500	500	600

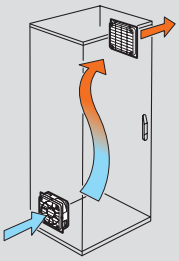
Pack	Cat.Nos	**Natural ventilation**
		IP 66 - IK 08 ventilation glands for cabinets Polyamide PA 6 - RAL 7035
2	0 365 77	Drilling Ø40.5 mm
		IP 44 - IK 08 ventilation glands for cabinets Grey polyamide 6.6
2	0 365 78	Drilling Ø15 mm
2	0 365 79	Drilling Ø30.5 mm
		Metal louvres IP 32 - IK 10 Set of 2 metal louvres + 2 anti-insect grilles
1	0 348 04	RAL 7035 - 138 x 138 mm
1	0 348 05	RAL 7035 - 248 x 248 mm
		Plastic louvres RAL 7035 Supplied singly
1	0 348 34	IP 54 - 150 x 150 mm
1	0 348 35	IP 54 - 250 x 250 mm
1	0 348 36	IP 54 - 325 x 325 mm

Exchangers, air conditionners,
Please, consult us

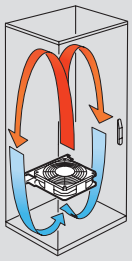
Heat regulation for cabinets and enclosures

ventilators

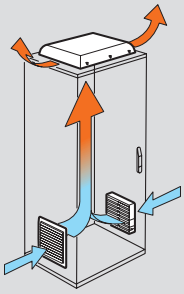
Principe of operation



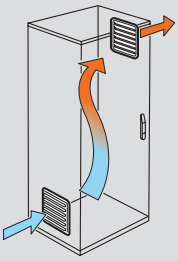
Ventilators, louvres and spacers



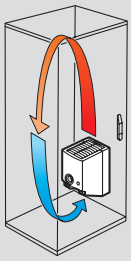
Internal air circulation kit



Roof ventilators



Natural ventilation

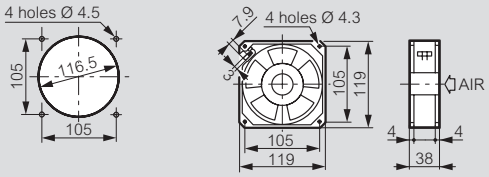


Heating

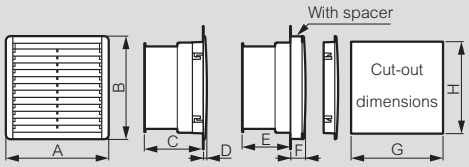
Ventilators, louvres and spacers

Dimensions and cut-out

Cat.No 0 348 17



Cat.Nos 0 348 50/51/52/53/54/34/35/36



Cat.Nos	A	B	C	D	E	F	G	H
0 348 50	150	150	70	7	43	34	125	125
0 348 51	250	250	105	8	78	35	223	223
0 348 52	250	250	123	8	96	35	223	223
0 348 53	325	325	152	10	125	37	291	291
0 348 54	325	325	115	10	88	37	291	291
0 348 34	150	150	-	7	-	34	125	125
0 348 35	250	250	-	8	-	35	223	223
0 348 36	325	325	-	10	-	37	291	291

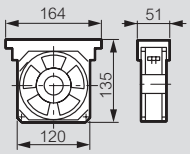
Technical characteristics

Cat.Nos	0 365 71/0 348 17	0 348 50	0 348 51	0 348 52	0 348 53	0 348 54
Voltage (V) / phase	220-230/1	230/1	230/1	220-230/1	220-230/1	230/1
Frequency (Hz)	50/60	50/60	50/60	50/60	50/60	50/60
No load flow ventilator only (m³/h)	160	160	160	450	900	1200
On load flow with an output louvre (supplied)	30	40	120	240	400	550
Static pressure (mm of water)	100	66	51	111	160	186
Power down (W)	22	20	20	29	67	114
Current drown (A)	0.14	0.125	0.125	0.426	0.3	0.5
Operating temparature	-10°C/+50°C					
IP/IK	32/10	54/08	54/08	54/08	54/08	54/08
Sound level (dB)	49	43	43	50	61	71
Weight (kg)	0.72	0.8	1.4	1.7	3.6	3.7

Internal air circulation kit

Dimensions

Cat.No 0 365 74



Technical characteristics

Cat.No	Circulation kit 50/60 Hz							
	Rated speed (rpm)	Max. flow rate (m³/hr)	Static pressure (mm of water)	Power drawn (W)	Current drawn (mA)	Operating temperature (°C)	Noise (dB A)	Weight (kg)
0 365 74	2750	160	10	18	135	– 10 / + 55	44	0.55

Roof ventilators

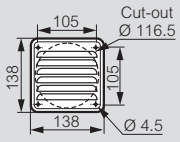
Technical characteristics

Cat.Nos	Max. flow rate (m³/hr)	Power drawn (W)	Current drawn (mA)	Operating temperature (°C)	Noise (dB A)	Weight (kg)
0 348 07	600	70	0.32	50	64	4.1
0 348 08	1000	180	0.5	50	72	4.3

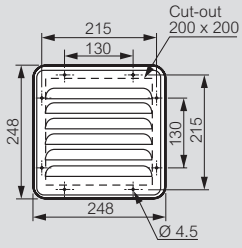
Natural ventilation

Dimensions and cut-out

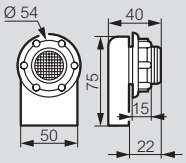
Cat.No 0 348 04



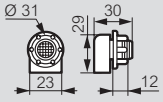
Cat.No 0 348 05



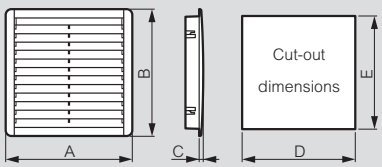
Cat.No 0 365 79



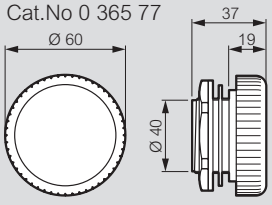
Cat.No 0 365 78



Cat.Nos 0 348 34/35/36



Cat.No 0 365 77



Cat.Nos	A	B	C	D	E
0 348 34	150	150	7	125	125
0 348 35	250	250	8	223	223
0 348 36	325	325	10	291	291

Heat regulation for cabinets and enclosures

heating and regulation

0 353 08

0 353 10

0 348 06

0 348 47

0 353 11

0 353 12

Technical characteristics **p. 444**
Sizing of heat regulation **see XL Pro³**

Heating

IP 20
Class II
Prevent condensation forming inside the enclosure
«PTC» auto-regulated and self-limited surface temperature < 85 °C
Connection on terminals
Mounting on rail
Heat dissipator in aluminium under plastic UL 94 VO

Resistance heaters 120 V/240 V~/⎓

Pack	Cat.Nos	Power (W)	Start-up current (A)
1	0 353 06	20	2.5
1	0 353 07	50	2.5
1	0 353 08	100	4.5
1	0 353 09	150	8.0

Pulsated air resistance heaters 230 V~

Built-in temperature limiter
Material: Polycarbonate UL 94 VO

Pack	Cat.Nos	Power (W)	Start-up current (A)	Thermostat	Fan flow rate (m³/h)
1	0 353 10	150	12	without	13
1	0 348 06	350	7.5	0 to 60 °C with LED	35

Regulation

IP 20

Thermostats

Precision 0.5 °C (neutral connected)
Switching and control range: 2 °C
230 V - 50/60 Hz
NO contact: 5 A, 250 V~
NC contact: 10 A, 250 V~
Can be set to between 5 and 60 °C with NC and NO contact

1 0 348 47 Mounted on rail

Hygrostat

1 0 353 11 For adjusting the relative humidity inside a cabinet or an enclosure to avoid the formation of condensation by starting up a heater or a fan
230 V~, 50/60 Hz
NO contact: 6 A, 240 V~, 4 A, 24 V⎓
NC contact: 8 A, 240 V~, 4 A, 24 V⎓
Mounted on rail
Adjustable from 35 % to 100 % relative humidity

Regulation (continued)

Hygrothermostat

1 0 353 12 For independent adjustment of the temperature and humidity level inside a cabinet or an enclosure, to avoid the formation of condensation by starting up a heater or a fan
230 V~, 50/60 Hz
NO contact: 10 A - 240 V~ , 4 A - 24 V⎓
NC contact: 10 A, 240 V~, 4 A, 24 V⎓
For fixing on rail
Adjustable from 0 °C to 60 °C and from 50 % to 90 % relative humidity

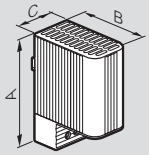
Door contact

1 0 363 13 For example, to cut off the air conditioning and the lighting supply as soon as the enclosure or cabinet door is opened
3 A - 240 V
1 NC contact + 1 NO contact
For Atlantic and Marina cabinets
Supplied with fixing lug

Heat regulation for cabinets and enclosures

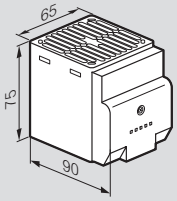
Dimensions (mm)

Cat.Nos 0 353 06/07/08/09

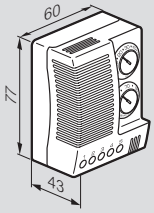


Cat.Nos	Power	A	B	C
0 353 06	20 W	98	75	38
0 353 07	50 W	110	90	60
0 353 08	100 W	110	90	60
0 353 09	150 W	150	90	60

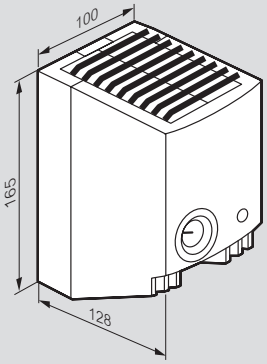
Cat.No 0 353 10



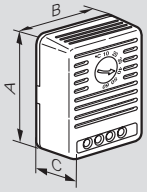
Cat.No 0 353 12



Cat.No 0 348 06



Cat.Nos 0 348 47/48 and 0 353 11

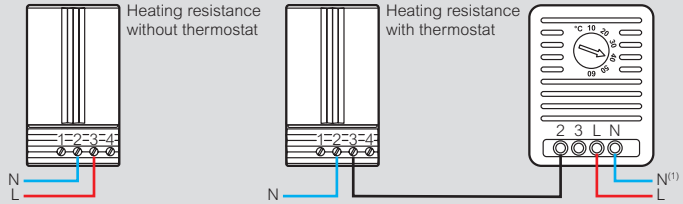


Cat.Nos	A	B	C
0 348 47	67	51	34
0 348 48	67	51	34
0 353 11	64	43	34

Vertical mounting at the bottom of the cabinet:
Recommended clearance arround heat regulation products for optimal air circulation :
- for Cat.Nos 0 348 47 and 0 353 11/12 > 50 mm
- for Cat.Nos 0 348 06 and 0 353 10 > 150 mm or more for sensitive devices
- do not cover

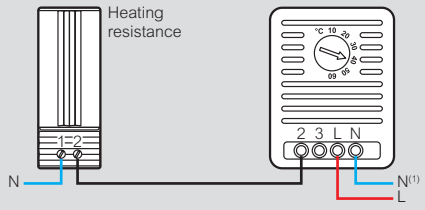
Wiring diagram

Cat.Nos 0 353 07/08/09



Cat.No 0 353 06

Thermostat Cat.Nos 0 348 47/48

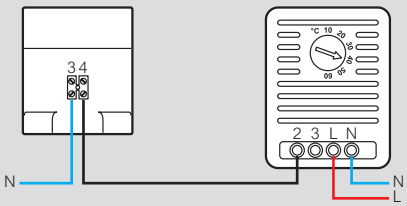


1: Connection accelerating resistance

Wiring diagram (continued)

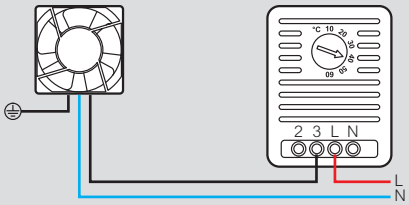
Cat.No 0 353 10

Thermostat Cat.Nos 0 348 47/48

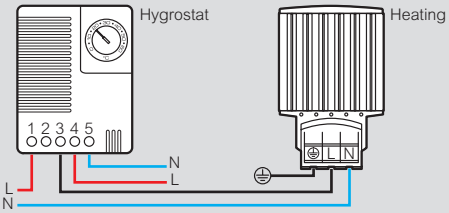


Ventilator

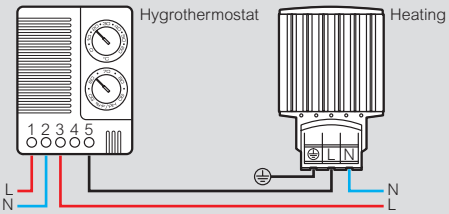
Thermostat Cat.Nos 0 348 47/48



Cat.No 0 353 11



Cat.No 0 353 12



Metal cable glands IP 68

ISO and PG

0 955 05

0 955 09

0 955 16

Metal cable glands

Mechanically tightened cable glands with neoprene weatherproof seal for IP 68 protection. Locking part consisting of flexible blades which exert strong pressure on the cable thus giving the product excellent tensile strength
Supplied with surface seal mounted

ISO
Conform to EN 62444

Pack	Cat.Nos	ISO	Clamping capacity Ø Min. (mm)	Ø Max. (mm)
20	0 955 01	16	5.5	9.5
20	0 955 03	20	7	13
10	0 955 05	25	8	16
5	0 955 06	32	11	21
5	0 955 07	40	15	27
2	0 955 08	50	22	35
2	0 955 09	63	35	48

PG
Conform to UTE C 68-300 and 68-312 guides recommendations

Pack	Cat.Nos	PG	Clamping capacity Ø Min. (mm)	Ø Max. (mm)
20	0 955 10	7	3	6.5
20	0 955 11	9	4	9
20	0 955 12	11	6	11.5
20	0 955 13	13.5	7	13
20	0 955 14	16	10	15
10	0 955 15	21	11	19
10	0 955 16	29	16	26
10	0 955 17	36	22	34.5
2	0 955 18	42	27	40
2	0 955 19	48	35	48

Metal locking nuts

ISO

Pack	Cat.Nos	
50	3 866 31	16
50	3 866 32	20
50	3 866 33	25
50	3 866 34	32
25	3 866 35	40
10	3 866 36	50
10	3 866 37	63

PG

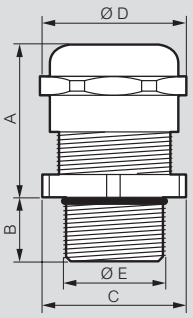
50	3 866 21	7
50	3 866 22	9
50	3 866 23	11
50	3 866 24	13.5
50	3 866 25	16
50	3 866 26	21
25	3 866 27	29
25	3 866 28	36
10	3 866 29	42
10	3 866 30	48

Metal cable glands IP 68

Cable glands

Characteristics
Nickel-plated brass (locking part in polyamide)
Operating temperature: - 25 °C + 85 °C

Dimensions (mm)



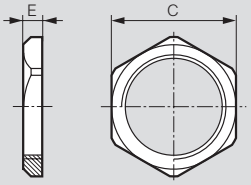
Cat.Nos	Threading	A max.	B	Ø D	C (to flat)	Ø E	Drilling Ø
0 955 01	ISO 16	25	5	19	17	15.9	16.2
0 955 03	ISO 20	27	6	24	22	19.8	20.4
0 955 05	ISO 25	27	7	30	27	24.6	25.4
0 955 06	ISO 32	31	8	36	34	31.6	32.5
0 955 07	ISO 40	34	8	46	42	39.7	40.5
0 955 08	ISO 50	37	9	60	55	49.7	50.8
0 955 09	ISO 63	45	10	70	65	62.6	64

Cat.Nos	Threading	A max.	B	Ø D	C (to flat)	Ø E	Drilling Ø
0 955 10	PG 7	21	5	15.6	14	12.4	12.7
0 955 11	PG 9	25	6	19	17	15.1	15.2
0 955 12	PG 11	25	6	22	20	18.4	18.6
0 955 13	PG 13.5	26	6.5	24	22	20.3	20.4
0 955 14	PG 16	28	6.5	26.6	24	22.4	22.5
0 955 15	PG 21	32	7	33	30	27.7	28.3
0 955 16	PG 29	36	8	44	40	36.9	37
0 955 17	PG 36	39	9	55.6	50	46.9	47
0 955 18	PG 42	42	10	63	58	54	54
0 955 19	PG 48	44	10	69.5	65	60	60

Locking nuts

Nickel-plated brass

Dimensions (mm)



ISO

Cat.Nos	Threading	C	E
3 866 31	ISO 16	19	3
3 866 32	ISO 20	24	3.5
3 866 33	ISO 25	30	4
3 866 34	ISO 32	36	4
3 866 35	ISO 40	46	5
3 866 36	ISO 50	60	5
3 866 37	ISO 63	70	6

PG

Cat.Nos	Threading	C	E
3 866 21	PG 7	15	2.8
3 866 22	PG 9	18	2.8
3 866 23	PG 11	21	3
3 866 24	PG 13.5	23	3
3 866 25	PG 16	26	3
3 866 26	PG 21	32	3.5
3 866 27	PG 29	41	4
3 866 28	PG 36	51	5
3 866 29	PG 42	60	6
3 866 30	PG 48	65	6.5

Plastic cable glands IP 68

ISO and PG

0 980 05

0 980 25

0 980 47

3 815 60

3 815 83

3 866 74

Technical characteristics **p. 447**

Anti-vibration mechanically tightened cable gland with neoprene weatherproof seal for IP 68 protection
Locking part consisting of flexible blades which exert strong pressure on the cable thus giving the product excellent tensile strength

Cable glands supplied with locking nut

Supplied with surface seal and locking nut (not mounted)

ISO

Conform to EN 62444

Pack	Cat.Nos Grey RAL 7001	ISO	Clamping capacity Ø Min. (mm)	Ø Max. (mm)
25	0 980 00	12	4	6
25	0 980 01	16	4	8
25	0 980 03	20	8	12
10	0 980 05	25	13	18
5	0 980 06	32	19	25
3	0 980 07	40	22	32
2	0 980 08	50	30	35
2	0 980 09	63	34	44

PG

Conform to UTE C 68-300 and 68-311 guides recommendations

Pack	Cat.Nos	PG	Clamping capacity Ø Min. (mm)	Ø Max. (mm)
25	0 980 20	7	3	8
25	0 980 21	9	4	8.5
25	0 980 22	11	5	10
25	0 980 23	13.5	8	12
20	0 980 24	16	10	14
10	0 980 25	21	12	18
5	0 980 26	29	18	25
3	0 980 27	36	22	32
2	0 980 28	42	30	38
2	0 980 29	48	34	44

Grey RAL 7001 stopping plugs - ISO

Hexagonal with base ensuring the IP protection of the enclosure
Can be tightened using a flat screwdriver
Supplied with surface seal
Nuts to be ordered separately

Pack	Cat.Nos	
50	0 980 41	ISO 16
50	0 980 43	ISO 20
50	0 980 45	ISO 25
25	0 980 46	ISO 32
25	0 980 47	ISO 40

Cable glands supplied without locking nut

Supplied with surface seal (not mounted)
Locking nuts to be ordered separately

ISO

Conform to EN 62444

Pack	Cat.Nos Black RAL 9011	Grey RAL 7035	ISO	Clamping capacity Ø Min. (mm)	Ø Max. (mm)
50	3 815 58	3 815 76	12	4	6
50	3 815 59	3 815 77	16	4	8
50	3 815 60	3 815 78	20	8	12
35	3 815 61	3 815 79	25	13	18
20	3 815 62	3 815 80	32	19	25
10	3 815 63	3 815 81	40	22	32
5	3 815 64	3 815 82	50	30	35
5	3 815 65	3 815 83	63	34	44

PG

Conform to UTE C 68-300 and 68-311 guides recommendations

Pack	Cat.Nos Black RAL 9011	Grey RAL 7035	ISO	Clamping capacity Ø Min. (mm)	Ø Max. (mm)
50	3 815 66	3 815 84	7	3	8
50	3 815 67	3 815 85	9	5	8,5
50	3 815 68	3 815 86	11	6	10
50	3 815 69	3 815 87	13.5	8	12
50	3 815 70	3 815 88	16	10	14
35	3 815 71	3 815 89	21	12	18
20	3 815 72	3 815 90	29	18	25
10	3 815 73	3 815 91	36	22	32
5	3 815 74	3 815 92	42	30	38
5	3 815 75	3 815 93	48	34	44

Plastic locking nuts

For hexagonal plastic cable glands supplied without locking nut, with base to protect the sur-face of the enclosure during tightening

Pack	Cat.Nos Black RAL 9011	Grey RAL 7035	
			ISO
50	3 866 71	3 868 81	12
50	3 866 72	3 868 82	16
50	3 866 73	3 868 83	20
50	3 866 74	3 868 84	25
200	3 866 75	3 868 85	32
100	3 866 76	3 868 86	40
10	3 866 77	3 868 87	50
10	3 866 78	3 868 88	63
			PG
50	3 866 61	3 868 71	7
50	3 866 62	3 868 72	9
50	3 866 63	3 868 73	11
50	3 866 64	3 868 74	13.5
50	3 866 65	3 868 75	16
50	3 866 66	3 868 76	21
25	3 866 67	3 868 77	29
10	3 866 68	3 868 78	36
10	3 866 69	3 868 79	42
10	3 866 70	3 868 80	48

Red catalogue numbers: New products

Plastic cable glands IP 68

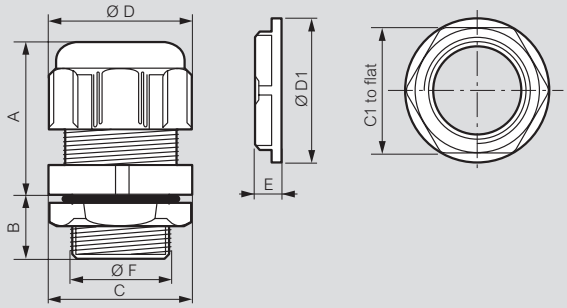
ISO and PG

Cable glands RAL 7001 supplied with locking nut

Characteristics

Halogen-free polyamide UL 94-V2
Operating temperature: - 20 °C to + 80 °C
Self-extinguishing 850 °C according to IEC 60695-2-11

Dimensions (mm)



ISO

Cat.Nos	Threading	A	B	Ø D	C (to flat)	Ø F	Drilling Ø	C1	E	Ø D1
0 980 00	ISO 12	22	10	16.8	15	11.9	12.7	19	5	21
0 980 01	ISO 16	26	10	21	19	15.9	16.2	22	5	24
0 980 03	ISO 20	29	12	26.5	24	19.8	20.4	26	6	28
0 980 05	ISO 25	35	15	36	33	24.8	25.4	32	6	35
0 980 06	ISO 32	40	15	46.5	42	31.6	32.5	42	7	43
0 980 07	ISO 40	49	17	58.5	53	39.9	40.5	50	7	56
0 980 08	ISO 50	54	17	66.5	60	50	50.8	60	8	66
0 980 09	ISO 63	54	18	75	68	62.9	64	75	8	82

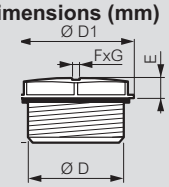
PG

Cat.Nos	Threading	A	B	Ø D	C (to flat)	Ø F	Drilling Ø	C1	E	Ø D1
0 980 20	PG 7	22	10	16.8	15	12.5	12.7	19	5	21
0 980 21	PG 9	26	10	21	19	15.2	15.2	22	5	24
0 980 22	PG 11	27	12	24.5	22	18.6	18.6	24	5	26
0 980 23	PG 13.5	29	12	26.5	24	20.4	20.4	26	6	28
0 980 24	PG 16	30	13	29.5	27	22.5	22.5	32	6	35
0 980 25	PG 21	35	15	36	33	28.3	28.3	36	7	38
0 980 26	PG 29	40	15	46.5	42	37	37	46	7	51
0 980 27	PG 36	49	17	58.5	53	47	47	60	8	66
0 980 28	PG 42	54	17	66.5	60	54	54	70	8	78
0 980 29	PG 48	54	18	75	68	60	60	75	8	82

Stopping plugs RAL 7001

Polyamide

Dimensions (mm)



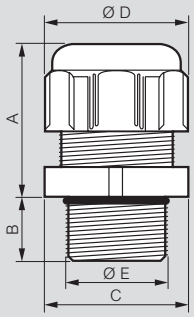
Cat.Nos	Threading	Ø D	D1	F X G	B	E
0 980 41	ISO 16	15.8	20.5	8 x 2	12	3.9
0 980 43	ISO 20	19.8	25	8 x 2	12	3.8
0 980 45	ISO 25	24.8	30.5	8 x 2	12	4.4
0 980 46	ISO 32	31.8	38	8 x 2	12	4.9
0 980 47	ISO 40	39.8	46.5	8 x 2	12.5	4.9

Cable glands RAL 9011 supplied without locking nut

Characteristics

Halogen-free polyamide
Operating temperature: - 20 °C to + 80 °C
Self-extinguishing 850 °C according to IEC 60695-2-11

Dimensions (mm)

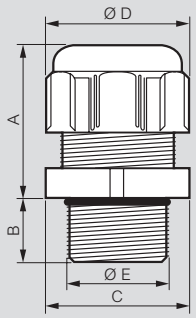


ISO

Cat.Nos	Threading	A	B	Ø D	C (to flat)	Ø E	Drilling Ø
3 815 58	ISO 12	22	10	16.8	15	11.9	12.7
3 815 59	ISO 16	26	10	21	19	15.8	16.2
3 815 60	ISO 20	29	12	26.5	24	19.9	20.4
3 815 61	ISO 25	35	15	36	33	24.8	25.4
3 815 62	ISO 32	40	15	46.5	42	31.6	32.5
3 815 63	ISO 40	49	17	58.5	53	39.8	40.5
3 815 64	ISO 50	54	17	66.5	60	49.8	50.8
3 815 65	ISO 63	54	18	75	68	62.6	64

Cable glands RAL 9011 supplied without locking nut (continued)

Dimensions (mm)



PG

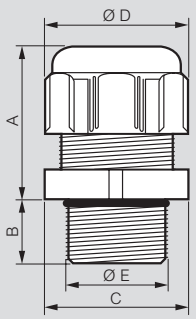
Cat.Nos	Threading	A	B	Ø D	C (to flat)	Ø E	Drilling Ø
3 815 66	PG 7	22	10	16.8	15	12.1	12.7
3 815 67	PG 9	26	10	21	19	15.1	15.2
3 815 68	PG 11	27	12	24.5	22	18.2	18.6
3 815 69	PG 13.5	29	12	26.5	24	20.2	20.4
3 815 70	PG 16	30	13	29.5	27	22.3	22.5
3 815 71	PG 21	35	15	36	33	28.1	28.3
3 815 72	PG 29	40	15	46.5	42	36.9	37
3 815 73	PG 36	49	17	58.5	53	46.4	47
3 815 74	PG 42	54	18	66.5	60	53.5	54
3 815 75	PG 48	54	18	75	68	59.9	60

Cable glands RAL 7035 supplied without locking nut

Characteristics

Halogen-free polyamide
Operating temperature: - 20 °C to + 80 °C
Self-extinguishing 850 °C according to IEC 60695-2-11

Dimensions (mm)



ISO

Cat.Nos	Threading	A maxi	B	Ø D	C (to flat)	Ø E	Drilling Ø
3 815 76	ISO 12	22	10	16,8	15	11,9	12,7
3 815 77	ISO 16	26	10	21	19	15,9	16,2
3 815 78	ISO 20	29	12	26,5	24	19,8	20,4
3 815 79	ISO 25	35	15	36	33	24,8	25,4
3 815 80	ISO 32	40	15	46,5	42	31,6	32,5
3 815 81	ISO 40	49	17	58,5	53	39,9	40,5
3 815 82	ISO 50	54	17	66,5	60	50	50,8
3 815 83	ISO 63	54	18	75	68	62,9	64

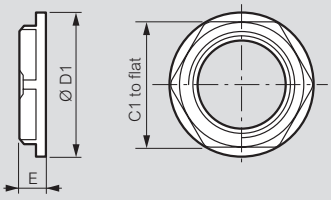
PG

Cat.Nos.	Threading	A maxi	B	Ø D	C (to flat)	Ø E	Drilling Ø
3 815 84	PG 7	22	10	16,8	15	12,5	12,7
3 815 85	PG 9	26	10	21	19	15,2	15,2
3 815 86	PG 11	27	12	24,5	22	18,6	18,6
3 815 87	PG 13,5	29	12	26,5	24	20,4	20,4
3 815 88	PG 16	30	13	29,5	27	22,5	22,5
3 815 89	PG 21	35	15	36	33	28,3	28,3
3 815 90	PG 29	40	15	46,5	42	37	37
3 815 91	PG 36	49	17	58,5	53	47	47
3 815 92	PG 42	54	17	66,5	60	54	54
3 815 93	PG 48	54	18	75	68	60	60

Plastic locking nuts RAL 9011 and RAL 7035

Fibreglass reinforced polyamide

Dimensions (mm)

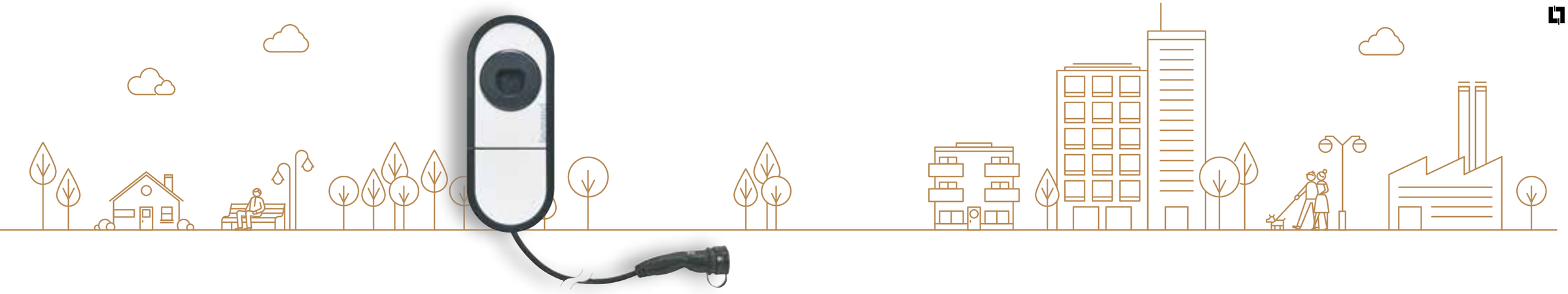


ISO

Cat.Nos	Threading	C1 (to flat)	E	Ø D1
3 866 71/3 868 81	ISO 12	17	5	19
3 866 72/3 868 82	ISO 16	22	5	24
3 866 73/3 868 83	ISO 20	26	6	28
3 866 74/3 868 84	ISO 25	32	6	35
3 866 75/3 868 85	ISO 32	42	7	46
3 866 76/3 868 86	ISO 40	50	7	56
3 866 77/3 868 87	ISO 50	60	8	66
3 866 78/3 868 88	ISO 63	75	8	81

PG

Cat.Nos	Threading	C1 (to flat)	E	Ø D1
3 866 61/3 868 71	PG 7	19	5	21
3 866 62/3 868 72	PG 9	22	5	24
3 866 63/3 868 73	PG 11	24	5	26
3 866 64/3 868 74	PG 13,5	26	6	28
3 866 65/3 868 75	PG 16	30	6	32
3 866 66/3 868 76	PG 21	36	7	38
3 866 67/3 868 77	PG 29	46	7	51
3 866 68/3 868 78	PG 36	60	8	66
3 866 69/3 868 79	PG 42	70/64	8	78/72
3 866 70/3 868 80	PG 48	75/69	8	82/77



EQUIPMENT & ACCESSORIES

CABLING COMPONENTS & MARKING SYSTEMS

P. 450 Colring cable ties

P. 458 Viking 3 terminal blocks with screw connection

P. 460 Viking 3 terminal blocks with spring connection

P. 462 Accessories for Viking 3 terminal blocks

P. 470 Viking 3 power terminal blocks

P. 472 Starfix ferrules & crimping tools

P. 474 CAB 3 marking system

P. 477 Memocab marking system

P. 479 Transcab cable ducting

P. 480 Lina 25 cable ducting

CONTROL AND SIGNALLING DEVICES, TRANSFORMERS & POWER SUPPLIES

P. 482 Osmoz control & signalling units: non-illuminated heads

P. 483 Osmoz control & signalling units: illuminated heads

P. 485 Osmoz control & signalling units: electrical blocks and control stations

P. 490 Cam switches

P. 493 Selective measurement switches

P. 494 Control, safety & circuit isolation transformers

P. 495 Single-phase equipment transformers

P. 496 Single-phase, IP 55 transformers & auto-transformers

P. 505 Single-phase stabilised switched mode power supplies

P. 511 Filtered & rectified power supplies

GREEN'UP SOCKETS & CHARGING STATIONS FOR ELECTRIC VEHICLES

P. 513 N Green'up Access sockets for electric vehicles

P. 515 N Green'up One charging stations

P. 516 N Green'up Premium plastic charging stations with integrated DC protection

P. 516 N Green'up Premium metal charging stations with integrated DC protection

P. 517 N Green'up Premium plastic charging stations with integrated DC protection and RFID reader

P. 518 Green'up Premium equipment for wall and ground mounting of charging stations

P. 518 Green'up Premium communication kit

INDUSTRIAL SOCKETS & OTHER EQUIPMENT

P. 525 P 17 Tempra Pro IP 44 - 16/32 A industrial sockets & plugs

P. 526 P 17 Tempra ELV IP 44 - 16/32 A industrial sockets & plugs

P. 527 P 17 Tempra Pro IP 66/67 - 16/32 A industrial sockets & plugs

P. 528 P 17 Tempra Pro IP 66/67 - 63/125 A industrial sockets & plugs

P. 528 Foldable frame for P 17 worksites combined units

P. 536 P 17 Tempra combined units to be composed

P. 539 P 17 Tempra combined units from 16 to 63 A with interlocked switched sockets

P. 540 Hypra IP 44 16/32/63 A industrial sockets & plugs

P. 546 Hypra IP 66/67 16/32/63/125 A industrial sockets & plugs & plugs

BELLS FOR INDUSTRIAL USE AND SIGNALLING

P. 551 Bells for industrial & alarm use

P. 551 Electromechanical and electronic siren

P. 552 Illuminated signalling

▶ NEW PRODUCTS

P. 515 Green'up One charging stations for electric vehicles

Colring™ equipment cable ties

0 320 37 blister packing

0 320 42 blister packing

0 320 61/14/31/19/20/49

0 318 24

0 318 04

Technical characteristics **p. 452**

For series assembly of electrical cables
With self blocking head and internal teeth
Conform to IEC/EN 62275 (NFC 68-146)

Colring colourless cable ties

Blister packing 100 pcs

Pack	Cat.Nos	Width (mm)	Flat length (mm)	Ø grip capacity (mm) Max.	Ø grip capacity (mm) Min.
10000	0 320 30[1]	2.4	95	18	1.6
10000	0 320 31	2.4	140	33	1.6
6000	0 320 32	2.4	180	46	1.6
4000	0 320 37	3.5	140	33	1.6
4000	0 320 38	3.5	180	46	1.6
2000	0 320 39	3.5	280	77	1.6
2000	0 320 40	3.5	360	102	1.6
4000	0 320 42	4.6	180	46	1.6
2000	0 320 43	4.6	280	77	1.6
2000	0 320 44	4.6	360	102	1.6
1000	0 320 47[3]	7.6	180	42	4.8
100	0 320 49[3]	7.6	360	98	4.8
100	0 320 50[3]	7.6	720	218	4.8
1000	0 320 45[2]	7.6	550	147	15
1000	0 320 46[2]	9	760	208	12
500	0 320 48[2]	9	810	223	12
500	0 320 51[4]	12.6	1030	285	15

Sachet packing 100 pcs

8000	0 318 20	2.4	95	20	3
4000	0 318 21	2.4	140	32	3
4000	0 318 22	2.4	180	50	4
4000	0 318 23	3.5	140	31	3
4000	0 318 24	3.5	180	44	4
4000	0 318 25	3.5	280	75	7
3000	0 318 26	3.5	360	96	7
4000	0 318 27	4.6	180	45	4
3000	0 318 28	4.6	280	70	7
2500	0 318 29	4.6	360	96	7
100	0 318 33	4.6	430	115	7
1500	0 318 34	7.6	290	73	8
1000	0 318 31	7.6	360	90	8
100	0 318 35	7.6	550	147	15
100	0 318 32[1]	7.6	720	218	4.8
100	0 318 36	9	710	208	12

Identification colourless cable ties

Sachet packing 100 pcs

Pack	Cat.Nos	Width (mm)	Flat length (mm)	Ø grip capacity (mm) Max.	Ø grip capacity (mm) Min.
3000	0 320 61[1]	2.4	95	18	4
2500	0 320 63[1]	4.6	180	46	9.5

Colring black cable ties

High temperature
UV protected

Blister packing 100 pcs

Pack	Cat.Nos	Width (mm)	Flat length (mm)	Ø grip capacity (mm) Max.	Ø grip capacity (mm) Min.
1000	0 320 12[1]	2.4	95	18	1.6
1000	0 320 13	2.4	140	33	1.6
1000	0 320 14	2.4	180	46	1.6
1000	0 320 15	3.5	140	33	1.6
1000	0 320 18	3.5	180	46	1.6
2000	0 320 19	3.5	280	77	1.6
2000	0 320 20	3.5	360	102	1.6
1000	0 320 22	4.6	180	46	1.6
2000	0 320 23	4.6	280	77	1.6
2000	0 320 24	4.6	360	102	1.6
2000	0 320 29[3]	7.6	360	98	4.8
100	0 320 25[2]	7.6	550	147	15
100	0 320 26[2]	9	760	208	12
500	0 320 27[2]	9	810	223	12
500	0 320 28[4]	12.6	1030	285	15

Sachet packing 100 pcs

8000	0 318 00	2.4	95	20	3
4000	0 318 01	2.4	140	32	3
4000	0 318 02	2.4	180	50	4
4000	0 318 03	3.5	140	31	3
4000	0 318 04	3.5	180	44	4
4000	0 318 05	3.5	280	75	7
3000	0 318 06	3.5	360	96	7
4000	0 318 07	4.6	180	45	4
3000	0 318 08	4.6	280	70	7
2500	0 318 09	4.6	360	96	7
100	0 318 13	4.6	430	115	7
1500	0 318 14	7.6	290	73	8
1000	0 318 11	7.6	360	90	8
100	0 318 15	7.6	550	147	15
100	0 318 12[1]	7.6	720	218	4.8
1000	0 318 16	9	710	208	12

1: Non orientated head
2: Sachet packing 100 pcs
3: Non orientated head and sachet packing 100 pcs
4: Sachet packing 50 pcs

Colson cable ties,
p. 816

Colring™ accessories for equipment cable ties

0 320 88

0 320 65

0 320 67

0 320 68

0 320 72

0 320 76

0 320 85

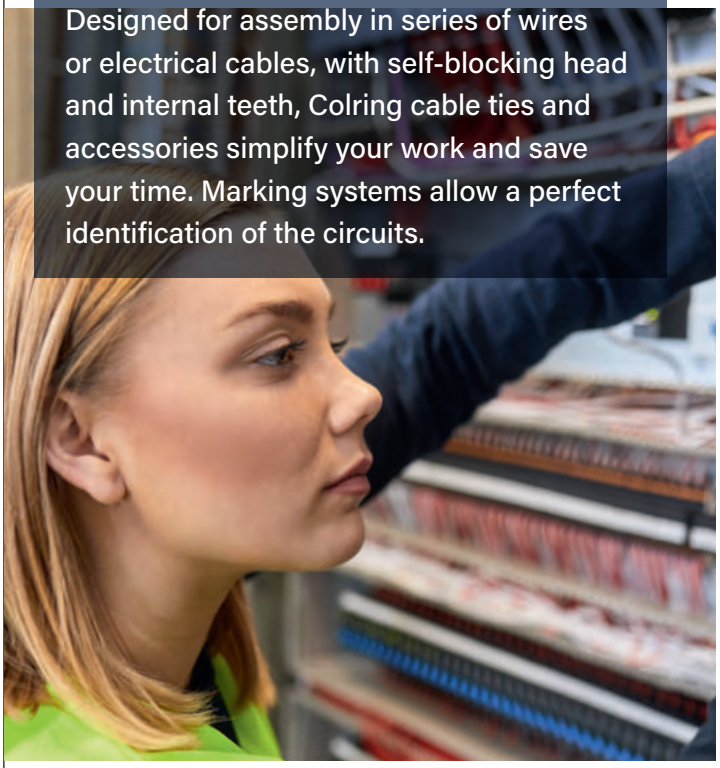
0 395 98

Pack	Cat.Nos	Colring tool
1	0 320 88	Colring tool for cable ties max. width 4.6 mm Direct adjustment of clamping tension by using the milled screw at the base of handle After clamping, a blade automatically cuts the surplus length close to the head without leaving a burr For cable ties width 7.6 and 9 mm, use Colson tool Cat.No 0 319 96 (p. 816)
		Bases
		Self-adhesive
		Possibility to screw fixing Ø4 mm
2000	0 320 65	Colourless - 25 x 30 x 6 mm For cable ties max. width 4.6 mm
2000	0 320 67	Black - 25 x 30 x 6 mm For cable ties max. width 4.6 mm
50	0 320 68	Black - 38 x 38 x 9.4 mm For cable ties max. width 20 mm
		Screw-mounting
		Colourless
1000	0 320 70	For cable ties max. width 4.6 mm 15 x 10 x 6 mm - Screw fixing Ø4 mm
100	0 320 72	For cable ties max. width 9 mm 21 x 16.5 x 8.8 mm - Screw fixing Ø5 mm
		Clip-on
1000	0 320 76	For cable ties max. width 4.6 mm For th. 0.5 to 3 mm, drilling Ø6 to 6.5 mm Mounting on Lina 12.5 plates for cabinets and enclosures and on Lina 25 plates for cabinets (p. 429)
		Marking accessories
100	0 320 85	White identification plate 38.5 x 19 mm for cable ties max. width 4.6 mm
10	0 395 98	Use felt tip pen Cat.No 0 395 98 for marking Black felt tip pen Indelible for marking

COLRING EQUIPMENT CABLE TIES

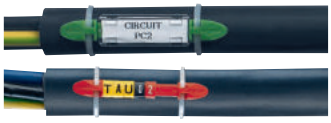
Easy to use cable ties

Designed for assembly in series of wires or electrical cables, with self-blocking head and internal teeth, Colring cable ties and accessories simplify your work and save your time. Marking systems allow a perfect identification of the circuits.



Duplix marking system

- Opened or closed marking system with markers or labels.
- Fitted using 2.4 and 3.5 mm Colring cable ties.



See p. 818

Identification plates

- White identification plates 38.5 x 19 mm
- Fitted using 4.6 mm Colring cable ties.

See p. 451

Viking 3 terminal blocks

See p. 458 to 464

Colson cable ties

See p. 816

Colring™ equipment cable ties

Performance

Conform to IEC/EN 62275 (NFC 68-146)
"cable ties for electrical installations"
Listed UL 62275 approval except Cat.Nos 0 318 12/32

Ratchet / tensile strength and temperature resistance

	Cat.Nos	Ratchet force (daN)	Tensile strength according to EN 50146		Temperature resistance			Type according to IEC/UL 62275
			⌷ test (mm)	Min tensile strength (daN)	Max. operating temperature (°C)	Min. operating temperature (°C)	Min. installation temperature (°C)	
Colourless Colring cable ties	0 320 30	0.5	18	8	75	-40	-10	1/11
	0 320 31	0.5	20	8	75	-40	-10	1/11
	0 320 32	0.5	38	8	75	-40	-10	1/11
	0 320 37	0.5	20	13	75	-40	-10	1/11
	0 320 38	0.5	38	13	75	-40	-10	1/11
	0 320 39	0.5	38	13	75	-40	-10	1/11
	0 320 40	0.5	38	13	75	-40	-10	1/11
	0 320 42	0.5	38	22	75	-40	-10	1/11
	0 320 43	0.5	38	22	75	-40	-10	1/11
	0 320 44	0.5	38	22	75	-40	-10	1/11
	0 320 47	1	38	53	75	-40	-10	1/11
	0 320 49	1	38	53	75	-40	-10	1/11
	0 320 50	1	38	53	75	-40	-10	1/11
	0 320 52	0.45	20	8	75	-40	-10	1/11
	0 320 54	0.6	20	13	75	-40	-10	1/11
	0 320 55	0.9	38	22	75	-40	-10	1/11
	0 320 57	0.9	38	22	75	-40	-10	1/11
	0 320 58	1.5	38	53	75	-40	-10	1/11
	0 320 61	0.5	38	8	75	-40	-10	1/11
	0 320 63	0.5	38	22	75	-40	-10	1/11
	0 320 45	2	38	53	85	-40	0	2/21
	0 320 46	2	38	80	85	-40	0	2/21
	0 320 48	2	38	80	85	-40	0	2/21
	0 320 51	2	38	115	85	-40	0	2/21
Black Colring cable ties	0 320 12	0.5	18	8	105	-40	0	1/11
	0 320 13	0.5	20	8	105	-40	0	1/11
	0 320 14	0.5	38	8	105	-40	0	1/11
	0 320 15	0.5	20	13	105	-40	0	1/11
	0 320 18	0.5	38	13	105	-40	0	1/11
	0 320 19	0.5	38	13	105	-40	0	1/11
	0 320 20	0.5	38	13	105	-40	0	1/11
	0 320 22	0.5	38	22	105	-40	0	1/11
	0 320 23	0.5	38	22	105	-40	0	1/11
	0 320 24	0.5	38	22	105	-40	0	1/11
	0 320 29	1	38	53	105	-40	0	1/11
	0 320 25	2	38	53	85	-40	0	2/21
	0 320 26	2	38	80	85	-40	0	2/21
	0 320 27	2	38	80	85	-40	0	2/21
	0 320 28	2	38	115	85	-40	0	2/21

	Cat.Nos	Ratchet force (daN)	Tensile strength according to EN 50146	Temperature resistance			Type according to IEC/UL 62275
			Min tensile strength (daN)	Max. operating temperature (°C)	Min. operating temperature (°C)	Min. installation temperature (°C)	
Colourless Colring cable ties	0 318 20	1	8	85	-40	0	2/21
	0 318 21	1	8	85	-40	0	2/21
	0 318 22	1	8	85	-40	0	2/21
	0 318 23	1	18	85	-40	0	2/21
	0 318 24	1	18	85	-40	0	2/21
	0 318 25	1	18	85	-40	0	2/21
	0 318 26	1	18	85	-40	0	2/21
	0 318 27	1.5	22	85	-40	0	2/21
	0 318 28	1.5	22	85	-40	0	2/21
	0 318 29	1.5	22	85	-40	0	2/21
	0 318 33	1.5	22	85	-40	0	2/21
	0 318 34	2	53	85	-40	0	2/21
	0 318 31	2	53	85	-40	0	2/21
	0 318 35	2	53	85	-40	0	2/21
	0 318 32	2	53	75	-40	-10	1/-
	0 318 36	2	80	85	-40	0	2/21
Black Colring cable ties	0 318 00	1	8	85	-40	0	2/21
	0 318 01	1	8	85	-40	0	2/21
	0 318 02	1	8	85	-40	0	2/21
	0 318 03	1	18	85	-40	0	2/21
	0 318 04	1	18	85	-40	0	2/21
	0 318 05	1	18	85	-40	0	2/21
	0 318 06	1	18	85	-40	0	2/21
	0 318 07	1.5	22	85	-40	0	2/21
	0 318 08	1.5	22	85	-40	0	2/21
	0 318 09	1.5	22	85	-40	0	2/21
	0 318 13	1.5	22	85	-40	0	2/21
	0 318 14	2	53	85	-40	0	2/21
	0 318 11	2	53	85	-40	0	2/21
	0 318 15	2	53	85	-40	0	2/21
	0 318 12	2	53	105	-40	0	1/-
	0 318 16	2	80	85	-40	0	2/21

External agents resistance

- Good resistance to bases, oils, greases, petroleum products, chlorinated solvents
- Humidity retention: 1.5 % ≤ humidity retention ≤ 3 %

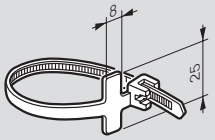
Fire resistance

- Flame resistance UL 94: V2
- Flame-retardant
- Needle flame test according to IEC 60695-11-5
- Oxygen index: EN ISO 4589-1 / ASTM D 2863-00: 28.5% (26% for Colring black)
- Halogen-free polyamide, class 1 acc. to ASTM D 4066 (Class 2 for Colring black)

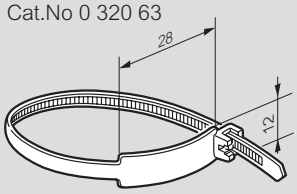
Dimensions

Identification cable ties

Cat.No 0 320 61

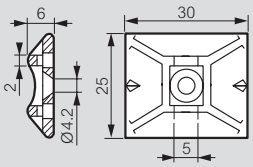


Cat.No 0 320 63

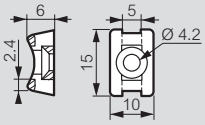


Accessories

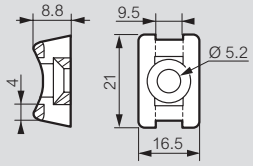
Cat.Nos 0 320 65/67



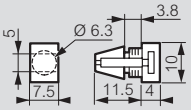
Cat.No 0 320 70



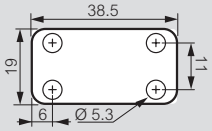
Cat.No 0 320 72



Cat.No 0 320 76



Cat.No 0 320 85



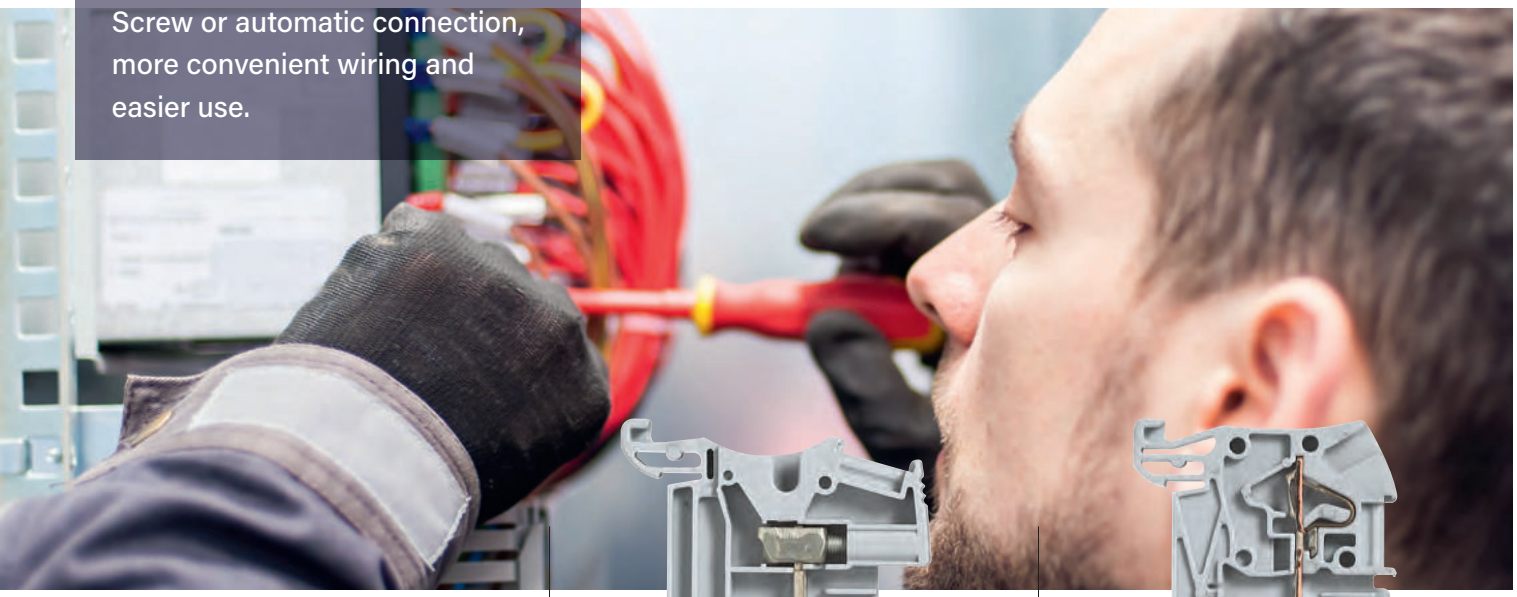
Example of use

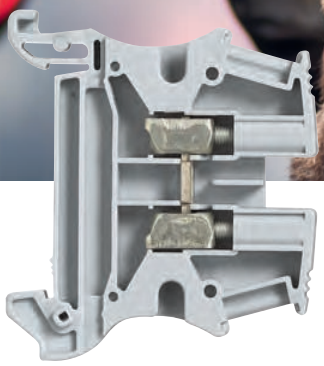
Duplix marker holders Cat.No 0 384 52 (p. 818), attached using 2 Colring cable ties Cat.No 0 320 31, equipped with labels

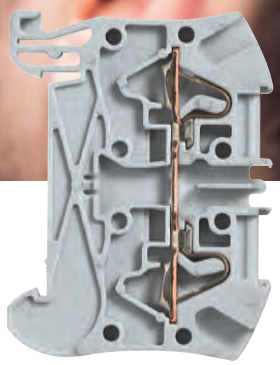
TERMINAL BLOCKS

Viking™ 3

Screw or automatic connection, more convenient wiring and easier use.

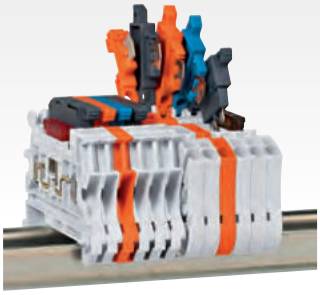






International approvals:
UL/CSA/NF/IMQ/BV/ATEX certification

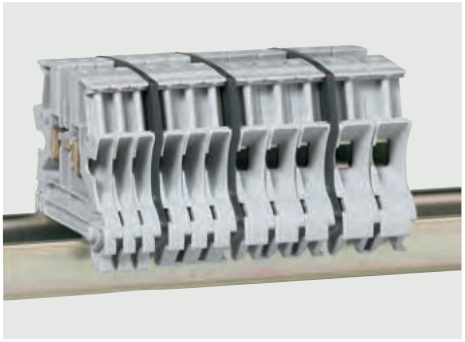
Conform to IEC EN 60947-7-1, IEC EN 60947-7-2 and IEC EN 60947-7-3



Addition of functions on module for equipping: standard, neutral or protected isolation, mini-circuit-breaker, automotive-type fuse, etc.

Screw connection

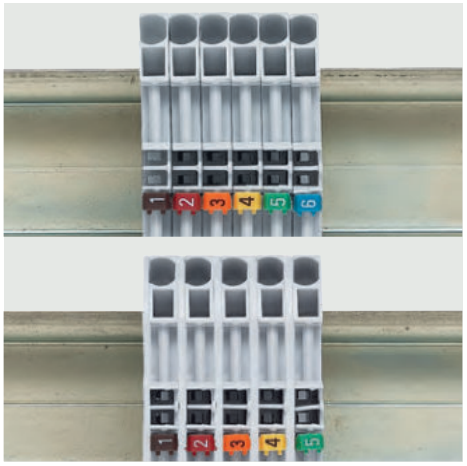
- High contact pressure
- Excellent mechanical strength
- Permissible cross-sections: 0.25 mm² to 70 mm² (flexible wire) and 0.25 mm² to 95 mm² (rigid wire)
- Identical height for blocks of 16 mm² to 70 mm²



Single end caps for pitches of 5 to 10.

Automatic connection

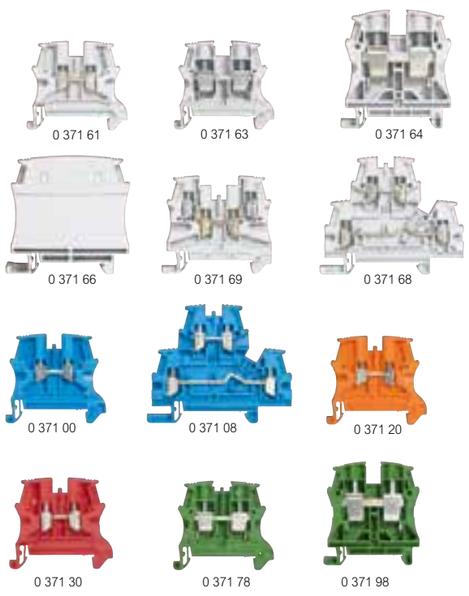
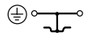
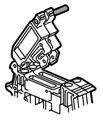
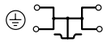
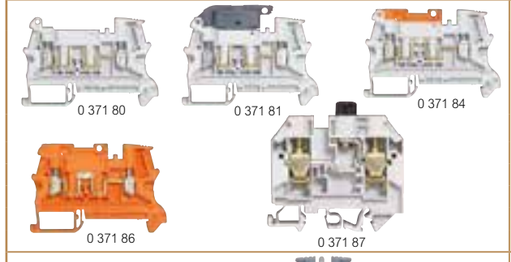
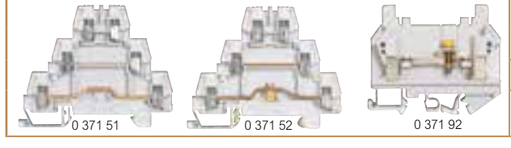
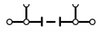
- No tool required for connection
- Constant contact pressure
- Permissible cross-sections: 0.5 mm² to 16 mm² with or without ferrule
- Integrated end caps for pitches of 6 to 12



Optimized terminal block size. Identical electrical characteristics for blocks with a pitch of 5 and those with a pitch of 6.

Viking™ 3 terminal blocks with screw connection and accessories

for copper cables

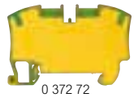
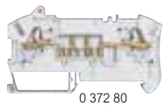
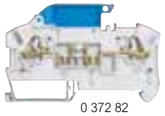
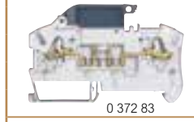
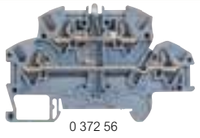
			ELECTRICAL FUNCTION		TERMINAL BLOCKS				INSULATION		EQUIPOTENTIAL LINK					PROTECTION		MEASUREMENT	ASSOCIATED PRODUCTS
					Nominal cross-section (mm^2)	Pitch (mm)	Colour	Cat.Nos	End cap	Separation and insulation divider	Automatic insertion birdging comb: 2 red blocks	Automatic insertion birdging comb: 10 red blocks	Automatic insertion birdging comb: 10 blue blocks	Comb for 12 blocks, side	Bar for 12 blocks, front	Single pole screen	Cut to length screen	Test socket	
 0 371 61, 0 371 63, 0 371 64, 0 371 66, 0 371 69, 0 371 68, 0 371 00, 0 371 08, 0 371 20, 0 371 30, 0 371 78, 0 371 98	**Connecting** (p. 458)	1 connection - 1 entry/1 outlet			2.5	5		0 371 60 0 371 00 0 371 20 0 371 30	0 375 50[2]	0 375 60	0 375 02	0 375 01 ●	0 375 00 ●			0 375 65	0 375 68	0 375 27[7]	End stops (p. 462)
					4	6		0 371 61 0 371 01 0 371 21 0 371 31 0 371 77	0 375 50[2]	0 375 60	0 375 05	0 375 04 ●	0 375 03 ●			0 375 65	0 375 68	0 375 27[7]	
					6	8		0 371 62 0 371 02 0 371 78	0 375 50[2]	0 375 60	0 375 07[6] 0 375 08[6]					0 375 66	0 375 68	0 375 27	Label holder for end stop (p. 462)
					10	10		0 371 63 0 371 03	0 375 50[2]	0 375 60					0 375 40	0 375 66	0 375 68	0 375 75	
					16	12		0 371 64 0 371 04 0 371 98	0 375 51	0 375 61					0 375 42	0 375 67	0 375 69	0 375 76	
					35	15		0 371 65 0 371 05 0 371 99	0 375 51	0 375 61					0 375 44	0 375 67	0 375 69	0 375 76	
					70	22		0 371 66	built-in										
		1 connection - 2 entries/2 outlets			4	6		0 371 69 0 371 09	0 375 52	0 375 62	0 375 05	0 375 04 ●	0 375 03 ●					0 375 27[7]	Handle lever mini lever (p. 463)
		2 connections on 2 levels			2.5	5		0 371 67 0 371 07	0 375 53	0 375 63	0 375 02	0 375 01 ●	0 375 00 ●					0 375 27[3][7]	
					4	6		0 371 68 0 371 08	0 375 53	0 375 63	0 375 05	0 375 04 ●	0 375 03 ●					0 375 27[3][7]	
		3 connections on 3 levels			2.5	5		0 371 51	0 375 54	0 375 54	0 375 02[3]	0 375 01 ●[3]	0 375 00 ●[3]	0 375 46 ●[5] 0 375 47 ●[5]				0 375 27[3][7]	
0 371 71, 0 371 76, 0 371 79	**For protection conductor** (p. 458)	1 connection - 1 entry/1 outlet - metal base			2.5	5		0 371 70	0 375 50[2]										 Joining rods for disconnect blocks (p. 463)
					4	6		0 371 71											
					6	8		0 371 72											
					10	10		0 371 73											
					16	12		0 371 74	0 375 51										
					35	15		0 371 75											
					35	15		0 371 76											
		1 connection - 2 entries/2 outlets - metal base			4	6		0 371 79	0 375 52										
 0 371 80, 0 371 81, 0 371 84, 0 371 86, 0 371 87	**Disconnect** (p. 459)	1 connection	Open (to be equipped)		2.5	6		0 371 80	0 375 55	0 375 62	0 375 05	0 375 04 ●	0 375 03 ●					0 375 27[7]	Blown fuse indicators (p. 463)
			For fuse cartridge 5 x 20 with handle lever					0 371 81	0 375 55	0 375 62	0 375 05	0 375 04 ●	0 375 03 ●						
			For fuse cartridge 5 x 20 with handle lever + blown fuse indicator					0 371 81 + 0 375 24/25[1]											
			For neutral circuit with handle lever					0 371 82											
			For standard circuit: With handle lever					0 371 83											
			For standard circuit: With mini lever					0 371 84	0 375 55	0 375 62	0 375 05	0 375 04 ●	0 375 03 ●					0 375 27[7]	
			For circuit not broken: With handle lever					0 371 85	0 375 55	0 375 62	0 375 05	0 375 04 ●	0 375 03 ●						
			For circuit not broken: With mini lever					0 371 86	0 375 55	0 375 62	0 375 05	0 375 04 ●	0 375 03 ●					0 375 27[7]	
			For fuse cartridge 5 x 20 with screwed plug		10	12		0 371 87	0 375 56										
0 371 53, 0 371 56	**Function blocks** (p. 459)	1 connection	Modular		2.5	5		0 371 53	0 375 55		0 375 02	0 375 01 ●	0 375 00 ●					0 375 27[7]	Shielding (p. 464)
			Diode carrier 1N4007					0 371 54											
		2 connections on 2 levels	Diode carrier 1N4007		4	6		0 371 55	0 375 53	0 375 63	0 375 05	0 375 04 ●	0 375 03 ●					0 375 27[3][7]	
			With voltage presence LED					0 371 56	0 375 53	0 375 63	0 375 05[4]	0 375 04 ●[4]	0 375 03 ●[4]						
 0 371 51, 0 371 52, 0 371 92	**For sensor and actuator** (p. 459)	3 connections on 3 levels	Sensor		2.5	5		0 371 51	0 375 54	0 375 54	0 375 02[3]	0 375 01 ●[3]	0 375 00 ●[3]	0 375 46 ●[5] 0 375 47 ●[5]				0 375 27[3][7]	CAB 3 marking system (p. 474)
			Actuator					0 371 52											
	PNE (p. 459)		Phase/Neutral/Earth																
	Measurement (p. 459)	1 connection	Disconnect for measuring circuit		4	8		0 371 92	0 375 57									0 375 77	

1: Blown fuse indicator 12/24/48 V ⎓ /∿ Cat.No 0 375 24 or 110/250 V∿ Cat.No 0 375 25 - 2: Or end stop Cat.No 0 375 10 - 3: Upper level only - 4: Lower level only - 5: Lower and intermediate levels

6: Cat.No 0 375 07 for 3 terminal blocks - 7: Permanent measurement: side by side installation of 2 test sockets not possible

Viking™ 3 terminal blocks with spring connection and accessories

for copper cables

	ELECTRICAL FUNCTION		TERMINAL BLOCKS				INSULATION		EQUIPOTENTIAL LINK			MEASUREMENT
			Nominal cross-section (mm^2)	Pitch (mm)	Colour	Cat.Nos	End cap	Separation and insulation divider	Atomatic insertion bridging comb: 2 red blocks	Atomatic insertion bridging comb: 10 red blocks	Atomatic insertion bridging comb: 10 blue blocks	Test socket
0 372 60 0 372 61 0 372 64 0 372 40 0 372 69 0 372 68 0 372 02 0 372 47 0 372 21 0 372 42	**Connecting** (p. 460)	1 connection - 2 wires - 1 entry/1 outlet			4	5		0 372 60	0 375 86	0 375 95	0 375 02(4)	0 375 01 ●(4)	0 375 00 ●(4)	0 375 27(6)
						0 372 00						
						0 372 20						
			4	6		0 372 61	built-in	0 375 95	0 375 05	0 375 04 ●	0 375 03 ●	0 375 27(6)
						0 372 01						
						0 372 21						
			6	8		0 372 62	built-in		0 375 07/08(5)			0 375 27
						0 372 02						
			10	10		0 372 63	built-in		0 375 82			
						0 372 03						
			16	12		0 372 64	built-in		0 375 85			
						0 372 04						
		1 connection - 3 wires - 1 entry/2 outlets	4	5		0 372 40	0 375 87	0 375 95	0 375 02(4)	0 375 01 ●(4)	0 375 00 ●(4)	0 375 27(6)
						0 372 41						
						0 372 42						
			4	6		0 372 43	built-in	0 375 95	0 375 05	0 375 04 ●	0 375 03 ●	0 375 27(6)
						0 372 44						
		1 connection - 4 wires - 2 entries/2 outlets	4	5		0 372 46	0 375 88	0 375 95	0 375 02(4)	0 375 01 ●(4)	0 375 00 ●(4)	0 375 27(6)
						0 372 47						
			4	6		0 372 69	built-in		0 375 05	0 375 04 ●	0 375 03 ●	0 375 27(6)
						0 372 09						
		2 connections - 4 wires - 2 levels	4	5		0 372 67	0 375 89	0 375 96	0 375 02(4)	0 375 01 ●(4)	0 375 00 ●(4)	0 375 27(3)(6)
						0 372 07						
			4	6		0 372 68	built-in	0 375 96	0 375 05	0 375 04 ●	0 375 03 ●	0 375 27(3)(6)
						0 372 08						
0 372 70 0 372 71  0 372 72 0 372 12	**For protection conductor** (p. 460)	1 connection - 2 wires - 1 entry/1 outlet - metal base	4	5		0 372 70	0 375 86					
			4	6		0 372 71	built-in					
			6	8		0 372 72						
			10	10		0 372 73						
			16	12		0 372 74						
		1 connection - 3 wires - 1 entry/2 outlets - metal base	4	5		0 372 10	0 375 87					
			4	6		0 372 11	built-in					
		1 connection - 4 wires - 2 entries/2 outlets - metal base	4	5		0 372 12	0 375 88					
			4	6		0 372 79	built-in					
 0 372 80  0 372 82  0 372 83 0 372 84	**Disconnect** (p. 461)	1 connection 2 wires — Open (to be equipped)	2.5	6		0 372 80	0 375 90		0 375 05	0 375 04 ●	0 375 03 ●	0 375 27(6)
		For fuse cartridge 5 x 20 with handle lever				0 372 81	0 375 90		0 375 05	0 375 04 ●	0 375 03 ●	
		For fuse cartridge 5 x 20 with handle lever + blown fuse indicator				0 372 81 + 0 375 24/25(1)						
		For neutral circuit with handle lever				0 372 82						
		For standard circuit — With handle lever				0 372 83						
		For standard circuit — With mini lever				0 372 84	0 375 90		0 375 05	0 375 04 ●	0 375 03 ●	0 375 27(6)
		For circuit not broken — With handle lever				0 372 85	0 375 90		0 375 05	0 375 04 ●	0 375 03 ●	
		For circuit not broken — With mini lever				0 372 86	0 375 90		0 375 05	0 375 04 ●	0 375 03 ●	0 375 27(6)
0 372 54  0 372 56	**Function blocks** (p. 461)	1 connection 4 wires 2 entries/2 outlets — Diode carrier 1N4007	4	5		0 372 54	0 375 88	0 375 95				
		2 connections 4 wires 2 levels — Diode carrier 1N4007				0 372 55	0 375 89	0 375 96	0 375 02(4)	0 375 01 ●(4)	0 375 00 ●(4)	
		2 connections 4 wires 2 levels — With voltage presence LED				0 372 56	0 375 89	0 375 96	0 375 02(2)(4)	0 375 01 ●(2)(4)	0 375 00 ●(2)(4)	

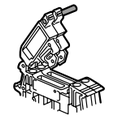
1: Blown fuse indicator 12/24/48V⎓ /∿ Cat.No 0 375 24 or 110/250V∿ Cat.No 0 375 25 - 2: Lower level only - 3: Upper level only - 4: Current IEC 60947-7-1 : max. 24 A
5: Cat.No 0 375 07 for 3 terminal blocks - 6: Permanent measurement: side by side installation of 2 test sockets not possible

ASSOCIATED PRODUCTS

End stops (p. 462)

Label holder for end stop (p. 462)

Handle lever mini lever (p. 463)


Joining rods for disconnect blocks (p. 463)

Blown fuse indicators (p. 463)

Shielding (p. 464)

CAB 3 marking system (p. 474)

Viking™ 3 terminal blocks with screw connection

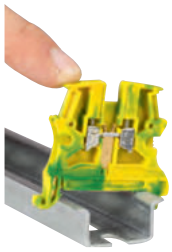
for copper cables

TN-C-S
earthing schema
PEN separation
0 371 98 + 0 371 04 + 0 375 42

0 371 61 + 0 371 01 + 0 371 21 + 0 371 31 + 0 371 77

0 371 69

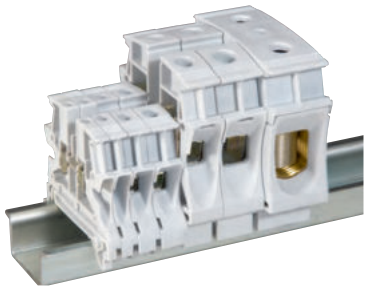
0 371 68



0 371 70 on rail

0 371 74

0 371 76



Same profile up to 10 mm pitch and same height from 12 to 22 mm pitch

Technical characteristics **p. 465**
Dimensions **p. 466**

Used to make the electrical connection between 2 flexible copper wires with ou without ferrules or 2 rigid copper wires
2 areas for automatic insertion bridging combs up to 8 pitch (upper level only for multi-level blocks)
For rails 2 depth 15 mm, 2 EN 60715 depth 7.5 mm and 15 mm

Connecting

Grey for standard circuit, blue for neutral conductor, orange for circuit not broken by the master isolating device, red for special circuits (safety, protected, etc), green for protection conductor class II equivalent assemblies

1 connection - 1 entry/1 outlet

Pack	Cat.Nos	Colour	Capacity: Nominal cross-section (mm²)	Capacity: Rigid wire (mm²)	Capacity: Flexible wire (mm²) with or without ferrules	Pitch (mm)
60	0 371 60	Grey	2.5	0.25 to 4	0.25 to 2.5	5
60	0 371 00	Blue				
60	0 371 20	Orange				
60	0 371 30	Red				
50	0 371 61	Grey	4	0.25 to 6	0.25 to 4	6
50	0 371 01	Blue				
50	0 371 21	Orange				
50	0 371 31	Red				
50	0 371 77	Green				
40	0 371 62	Grey	6	0.5 to 10	0.25 to 6	8
40	0 371 02	Blue				
40	0 371 78	Green				
30	0 371 63	Grey	10	1.5 to 16	2.5 to 10	10
30	0 371 03	Blue				
20	0 371 64	Grey	16	1.5 to 25	4 to 16	12
20	0 371 04	Blue				
20	0 371 98	Green				
20	0 371 65	Grey	35	2.5 to 50	4 to 35	15
20	0 371 05	Blue				
20	0 371 99	Green				
10	0 371 66[1]	Grey	70	25 to 95	16 to 70	22

1 connection - 2 entries/2 outlets

25	0 371 69	Grey	4	0.25 to 6	0.25 to 4	6
25	0 371 09	Blue				

2 connections on 2 levels

60	0 371 67	Grey	2.5	0.25 to 4	0.25 to 2.5	5
60	0 371 07	Blue				
60	0 371 68	Grey	4	0.25 to 6	0.25 to 4	6
60	0 371 08	Blue				

3 connections on 3 levels

50	0 371 51[2]	Grey	2.5	0.25 to 4	0.25 to 2.5	5

For protection conductor

Metal base

1 connection - 1 entry/1 outlet

Screwless fixing on rail up to 10 mm pitch and with screws for pitch 12 and 15 mm
PEN from 10 mm²

Pack	Cat.Nos	Colour	Capacity: Nominal cross-section (mm²)	Capacity: Rigid wire (mm²)	Capacity: Flexible wire (mm²) with or without ferrules	Pitch (mm)
60	0 371 70	Green/yellow	2.5	0.25 to 4	0.25 to 2.5	5
50	0 371 71	Green/yellow	4	0.25 to 6	0.25 to 4	6
40	0 371 72	Green/yellow	6	0.5 to 10	0.25 to 6	8
30	0 371 73	Green/yellow	10	1.5 to 16	2.5 to 10	10
10	0 371 74	Green/yellow	16	1.5 to 25	4 to 16	12
10	0 371 75	Green/yellow	35	2.5 to 50	4 to 35	15

1 connection - bare block

10	0 371 76	-	35	2.5 to 50	4 to 35	15

1 connection - 2 entries/2 outlets

Screwless fixing on rail

50	0 371 79	Green/yellow	4	0.25 to 6	0.25 to 4	6

PNE - Phase/Neutral/Earth

3 connections on 3 levels

Metal base
Green/yellow marking for the lower level
Screwless fixing on rail

Pack	Cat.Nos	Colour	Capacity: Nominal cross-section (mm²)	Capacity: Rigid wire (mm²)	Capacity: Flexible wire (mm²) with or without ferrules	Pitch (mm)
50	0 371 52[2]	Grey	2.5	0.25 to 4	0.25 to 2.5	5

1: Built-in end cap
2: Rigid wire capacity: 2.5 mm² max. with equipotential bridging comb

Viking 3 power terminal blocks
p. 470

CAB 3 marking system
p. 474

Viking™ 3 terminal blocks with screw connection

for copper cables (continued)

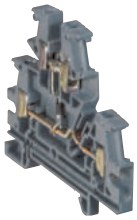
0 371 80 + automotive-type fuse

0 371 82 + 0 371 83 + 0 371 85

0 371 84 + 0 371 86

0 371 87

0 371 53


0 371 55

0 371 51

0 371 52

0 371 92

Technical characteristics **p. 465**
Dimensions **p. 466**

Used to make the electrical connection between 2 flexible copper wires with ou without ferrules or 2 rigid copper wires
2 areas for automatic insertion bridging combs up to 8 pitch (upper level only for multi-level blocks)
For rails 2 depth 15 mm, 2 EN 60715 depth 7.5 mm and 15 mm

Disconnect terminal blocks 1 connection

Opening by means of blade type lever, handle lever or mini lever (with tool)

Open (to be equipped)
Can take blade type levers Cat.Nos 0 375 15/16/17/18 or in ELV installations a blade-type automotive fuse or a miniature circuit-breaker

Pack	Cat.Nos	Colour	Nominal cross-section (mm²)	Capacity: Rigid wire (mm²)	Capacity: Flexible wire (mm²) with or without ferrules	Pitch (mm)
20	0 371 80	Grey	2.5	0.25 to 2.5	0.25 to 2.5	6
		For fuse cartridge 5 x 20 with handle lever				
20	0 371 81	Grey	2.5	0.25 to 2.5	0.25 to 2.5	6
		For neutral circuit with blue handle lever				
20	0 371 82	Grey/blue	2.5	0.25 to 2.5	0.25 to 2.5	6
		For standard circuit with handle lever				
20	0 371 83	Grey	2.5	0.25 to 2.5	0.25 to 2.5	6
		For standard circuit with mini lever				
20	0 371 84	Grey	2.5	0.25 to 2.5	0.25 to 2.5	6
		For circuit not broken with handle lever				
		Circuit not broken by the master isolating device				
20	0 371 85	Orange	2.5	0.25 to 2.5	0.25 to 2.5	6
		For circuit not broken with mini lever				
		Circuit not broken by the master isolating device				
20	0 371 86	Orange	2.5	0.25 to 2.5	0.25 to 2.5	6
		For cartridge 5 x 20 with screwed plug				
20	0 371 87	Grey	10	0.25 to 10	0.25 to 10	12

Function blocks

1 connection - modular
Component connected with screws

Pack	Cat.Nos	Colour	Nominal cross-section (mm²)	Capacity: Rigid wire (mm²)	Capacity: Flexible wire (mm²) with or without ferrules	Pitch (mm)
20	0 371 53	Grey	2.5	0.25 to 4	0.25 to 2.5	5
		1 connection - diode carrier				
20	0 371 54	Grey	2.5	0.25 to 4	0.25 to 2.5	5
		2 connections on 2 levels - diode carrier				
60	0 371 55	Grey	4	0.25 to 6	0.25 to 4	6
		2 connections on 2 levels - with LED				
		Voltage presence indicator (12/24V⎓ and ∿)				
60	0 371 56	Grey	4	0.25 to 6	0.25 to 4	6

For sensors and actuators

For connecting sensors (Cat.No 0 371 51) or actuators (Cat.No 0 371 52), and their shared power supply unit using equipotential bridging comb Cat.Nos 0 375 46/47

3 connections on 3 levels - for sensor

Pack	Cat.Nos	Colour	Nominal cross-section (mm²)	Capacity: Rigid wire (mm²)	Capacity: Flexible wire (mm²) with or without ferrules	Pitch (mm)
50	0 371 51[1]	Grey	2.5	0.25 to 4	0.25 to 2.5	5
		3 connections on 3 levels - for actuator				
		Green/yellow marking for the lower level				
		Metal base. Screwless fixing on rail				
50	0 371 52[1]	Grey	2.5	0.25 to 4	0.25 to 2.5	5

Disconnect for measurement

1 connection
With its accessories, allows intervention (measurements, maintenance, etc) on a current, voltage and power measuring circuit by keeping the current transformer secondary circuit closed

Pack	Cat.Nos	Colour	Nominal cross-section (mm²)	Capacity: Rigid wire (mm²)	Capacity: Flexible wire (mm²) with or without ferrules	Pitch (mm)
25	0 371 92	Grey	4	0.25 to 4	0.25 to 4	8

1: Rigid wire capacity: 2.5 mm² max with equipotential brigding comb

Blade type levers, joining rods and blown fuse indicators and accessories **p. 462-463**

Viking™ 3 terminal blocks with spring connection

for copper cables

0 372 60 + 0 372 00 + 0 372 20

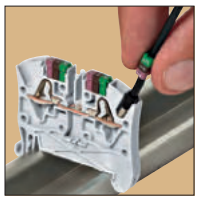
0 372 01

0 372 21

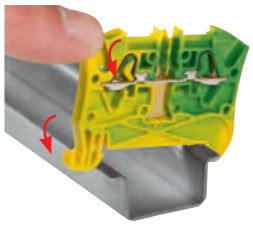
0 372 63

0 372 40

0 372 67



Automatic insertion of flexible wire with ferrule cap or rigid wire up to pitch of 6 mm



0 372 70
Automatic fixing on rail ⊔

0 372 72

0 372 79

Technical characteristics **p. 467**
Dimensions **p. 468**

Screwless connection system, stainless steel spring type
Used to make the electrical connection between 2 rigid copper wires, or flexible copper wires with or without ferrules (p. 472)
Direct tool-free insertion of a rigid wire or flexible wire with ferrule, up to 6 mm pitch
2 areas for automatic insertion bridging combs (upper level only for 2-level blocks)
For rails ⊔ depth 15 mm, ⊔ EN 60715 depth 7.5 mm and 15 mm

Connecting

Grey for standard circuit, blue for neutral conductor, orange for circuit not broken by the master isolating device

Pack	Cat.Nos	Colour	Nominal cross-section (mm²)	Capacity: Rigid wire (mm²)	Capacity: Flexible wire (mm²)	Capacity: Flexible wire with ferrule (mm²)	Pitch (mm)
1 connection - 2 wires - 1 entry/1 outlet							
60	0 372 60	Grey	4	0.5 to 6	0.5 to 4	0.5 to 2.5	5
60	0 372 00	Blue					
60	0 372 20	Orange					
50	0 372 61[1]	Grey	4	0.5 to 6	0.5 to 4	0.5 to 4	6
50	0 372 01[1]	Blue					
50	0 372 21[1]	Orange					
50	0 372 62[1]	Grey	6	0.5 to 6	0.5 to 6	0.5 to 6	8
50	0 372 02[1]	Blue					
40	0 372 63[1]	Grey	10	0.75 to 10	0.75 to 10	0.75 to 10	10
40	0 372 03[1]	Blue					
10	0 372 64[1]	Grey	16	4 to 16	4 to 16	4 to 16	12
10	0 372 04[1]	Blue					
1 connection - 3 wires - 1 entry/2 outlets							
60	0 372 40	Grey	4	0.5 to 6	0.5 to 4	0.5 to 2.5	5
60	0 372 41	Blue					
60	0 372 42	Orange					
50	0 372 43[1]	Grey	4	0.5 to 6	0.5 to 4	0.5 to 4	6
50	0 372 44[1]	Blue					
1 connection - 4 wires - 2 entries/2 outlets							
60	0 372 46	Grey	4	0.5 to 6	0.5 to 4	0.5 to 2.5	5
60	0 372 47	Blue					
50	0 372 69[1]	Grey	4	0.5 to 6	0.5 to 4	0.5 to 4	6
50	0 372 09[1]	Blue					
2 connections - 4 wires - 2 levels							
60	0 372 67	Grey	4	0.5 to 6	0.5 to 4	0.5 to 2.5	5
60	0 372 07	Blue					
50	0 372 68[1]	Grey	4	0.5 to 6	0.5 to 4	0.5 to 4	6
50	0 372 08[1]	Blue					

For protection conductor

Metal base
Screwless fixing on rail
PEN from 10 mm²

Pack	Cat.Nos	Colour	Nominal cross-section (mm²)	Capacity: Rigid wire (mm²)	Capacity: Flexible wire (mm²)	Capacity: Flexible wire with ferrule (mm²)	Pitch (mm)
1 connection - 2 wires - 1 entry/1 outlet							
60	0 372 70	Green/yellow	4	0.5 to 6	0.5 to 4	0.5 to 2.5	5
50	0 372 71[1]	Green/yellow	4	0.5 to 6	0.5 to 4	0.5 to 4	6
25	0 372 72[1]	Green/yellow	6	0.5 to 6	0.5 to 6	0.5 to 6	8
20	0 372 73[1]	Green/yellow	10	0.75 to 10	0.75 to 10	0.75 to 10	10
15	0 372 74[1]	Green/yellow	16	4 to 16	4 to 16	4 to 16	12
1 connection - 3 wires - 1 entry/2 outlets							
40	0 372 10	Green/yellow	4	0.5 to 6	0.5 to 4	0.5 to 2.5	5
30	0 372 11[1]	Green/yellow	4	0.5 to 6	0.5 to 4	0.5 to 4	6
1 connection - 4 wires - 2 entries/2 outlets							
40	0 372 12	Green/yellow	4	0.5 to 6	0.5 to 4	0.5 to 2.5	5
30	0 372 79[1]	Green/yellow	4	0.5 to 6	0.5 to 4	0.5 to 4	6

1: Built-in end cap

Starfix ferrules and crimping tools
p. 472

CAB 3 marking system
p. 474

Viking™ 3 terminal blocks with spring connection

for copper cables (continued)

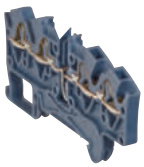
0 372 80 with automotive-type fuse

0 372 81 open

0 372 81 with blown fuse indicator (p. 463)

0 372 82 + 0 372 83 + 0 372 85

0 372 84



0 372 54

0 372 56

Technical characteristics **p. 467**
Dimensions **p. 468**

Screwless connection system, stainless steel spring type
Used to make the electrical connection between 2 rigid copper wires, or flexible copper wires with or without ferrules (p. 472)
Direct tool-free insertion of a rigid wire or flexible wire with ferrule, up to 6 mm pitch
2 areas for automatic insertion bridging combs (upper level only for 2-level blocks)
For rails ⊔ depth 15 mm, ⊔ EN 60715 depth 7.5 mm and 15 mm

Disconnect terminal blocks 1 connection - 2 wires

Opening by means of blade type lever, handle lever or mini lever (with tool)

Open (to be equipped)
Can take blade type levers Cat.Nos 0 375 15/16/17/18 or in ELV installations a blade-type automotive fuse or a miniature circuit-breaker

Pack	Cat.Nos	Colour	Nominal cross-section (mm²)	Capacity: Rigid wire (mm²)	Capacity: Flexible wire (mm²)	Capacity: Flexible wire with ferrule (mm²)	Pitch (mm)
20	0 372 80	Grey	2.5	0.5 to 2.5	0.5 to 2.5	0.5 to 2.5	6
		For fuse cartridge 5 x 20 with handle lever					
20	0 372 81	Grey	2.5	0.5 to 2.5	0.5 to 2.5	0.5 to 2.5	6
		For neutral circuit with blue handle lever					
20	0 372 82	Grey/blue	2.5	0.5 to 2.5	0.5 to 2.5	0.5 to 2.5	6
		For standard circuit with handle lever					
20	0 372 83	Grey	2.5	0.5 to 2.5	0.5 to 2.5	0.5 to 2.5	6
		For standard circuit with mini lever					
20	0 372 84	Grey	2.5	0.5 to 2.5	0.5 to 2.5	0.5 to 2.5	6
		For circuit not broken with handle lever Circuit not broken by the master isolating device					
20	0 372 85	Orange	2.5	0.5 to 2.5	0.5 to 2.5	0.5 to 2.5	6
		For circuit not broken with mini lever Circuit not broken by the master isolating device					
20	0 372 86	Orange	2.5	0.5 to 2.5	0.5 to 2.5	0.5 to 2.5	6

Function blocks

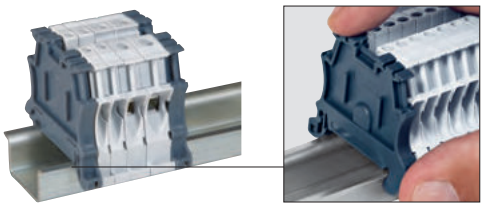
Pack	Cat.Nos	Colour	Nominal cross-section (mm²)	Capacity: Rigid wire (mm²)	Capacity: Flexible wire (mm²)	Capacity: Flexible wire with ferrule (mm²)	Pitch (mm)
		1 connection - 4 wires - 2 entries/2 outlets - diode carrier					
60	0 372 54	Grey	4	0.5 to 6	0.5 to 4	0.5 to 2.5	5
		2 connections - 4 wires - 2 levels - diode carrier					
60	0 372 55	Grey	4	0.5 to 6	0.5 to 4	0.5 to 2.5	5
		2 connections - 4 wires - 2 levels - with LED Voltage presence indicator (12/24V⎓ and ∿)					
60	0 372 56	Grey	4	0.5 to 6	0.5 to 4	0.5 to 2.5	5

Blade type levers, joining rods and blown fuse indicators **p. 463**

Accessories **p. 462**

Starfix ferrules and crimping tools **p. 472**

Viking™ 3 accessories for terminal blocks



End stop 0 375 10, screwless mounting

0 375 11 with label holder 0 395 96

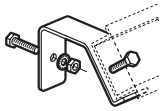
0 375 12 with CAB 3 labelling

0 375 13 with label holder Duplix 0 384 98

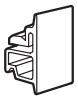
Technical characteristics **p. 469**

Pack	Cat.Nos	Rails for cutting to length
		Length 2 m
10	0 374 04	⊔ EN 60715 depth 7.5 mm
10	0 374 07	⊔ depth 15 mm
10	0 477 22	⊔ depth 7.5 mm with oblong holes
10	0 477 23	⊔ depth 15 mm with oblong holes

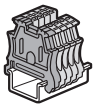
Pack	Cat.Nos	45° mounting bracket
10	0 394 49	Set of 2 supports for 45° rail slope Supplied with 4 M6 screws, nuts and washers (PC-ABS)



Pack	Cat.Nos	Adaptor
20	0 364 66	For mounting on rail ⊏⊐ equipment fitting on rail ⊔ Width 17 mm Increase equipment height for 6 mm PC - ABS

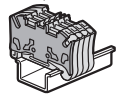


Pack	Cat.Nos	End stops
		Accept CAB 3 markers
		Automatic 6 mm pitch
50	0 375 10	Screwless mounting For rails ⊔ depth 15 mm and ⊔ EN 60715 depth 7.5 mm and 15 mm Accepts label holder Cat.No 0 395 96 Acts as end cap for screw terminal blocks 1 entry/1 outlet 5, 6, 8 and 10 mm pitch
		8 mm pitch
20	0 375 11	For rails ⊔ depth 15 mm and ⊔ EN 60715 depth 7.5 mm and 15 mm Accepts label holder Cat.No 0 395 96
		10 mm pitch
10	0 375 12	For rails ⊔ depth 15 mm and ⊔ EN 60715 depth 7.5 mm (except for rail fixed on plate) and 15 mm For supporting protection or schielding bar: - Brass bar Cat.Nos 0 373 00/01 - Copper bar 12 x 4 mm with clamps Cat.No 0 373 02 - IP 2X terminal block with flat steel bar 12 x 2 mm Cat.No 0 048 19 (p. 298) - Copper bar 12 x 4 mm Cat.No 0 373 49 or 0 373 89 (p. 432) - Shielding bar 10 x 3 mm Cat.No 0 375 34 (p. 464)
		12 mm pitch
20	0 375 13	For rails ⊏⊐ EN 60715, ⊔ depth 15 mm and ⊔ EN 60715 depth 7.5 mm and 15 mm After cutting out the upper divider, can be labelled using Duplix label holder Cat.No 0 384 98



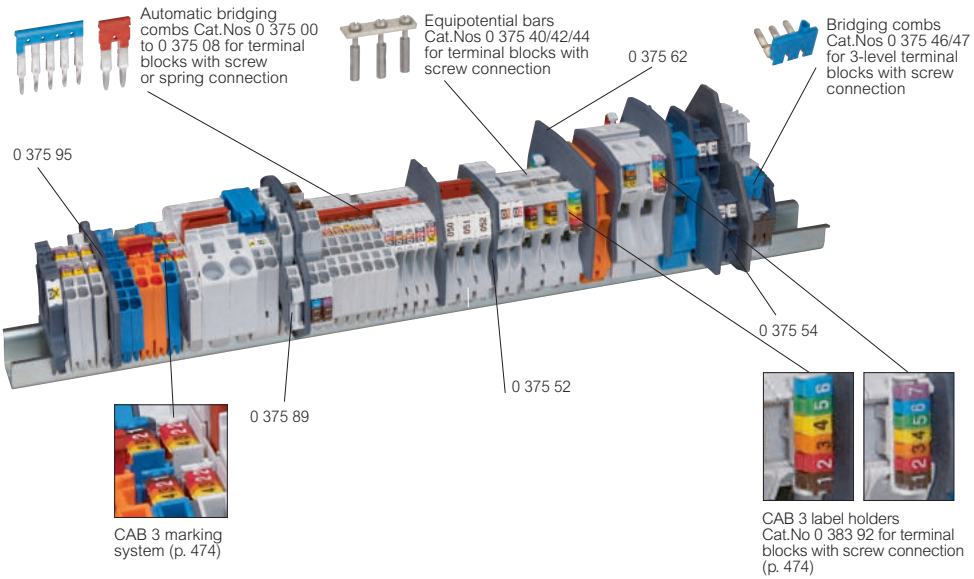
Pack	Cat.Nos	Identification accessories
20	0 395 96	Transparent label holder with variable angle Fixing on end stops Cat.Nos 0 375 10/11 Supplied with label 32 x 9.5 mm Can take label Cat.No 0 395 97
20	0 395 97	Label for engraving 28 x 9.5 mm For label holder Cat. No 0 395 96. Flexible ABS White background, black engraving
10	0 395 98	Black felt tip pen for permanent marking

		End caps
		Grey
		For screw terminal blocks
100	0 375 50	1 entry/1 outlet 5, 6, 8 and 10 mm pitch
20	0 375 51	1 entry/1 outlet 12 and 15 mm pitch
20	0 375 52	2 entries/2 outlets
20	0 375 53	2 levels
20	0 375 54	3 levels
20	0 375 55	Disconnect type 6 mm pitch and function blocks 5 mm pitch
20	0 375 56	Disconnect type fuse cartridge 5 x 20 with screwed plug
10	0 375 57	Disconnect for measurement
		For spring terminal blocks with 5 mm pitch Allows the block to become 6 mm pitch and take a flexible wire fitted with a 4 mm² ferrule (p. 472)
50	0 375 86	1 entry/1 outlet
50	0 375 87	1 entry/2 outlets
20	0 375 88	2 entries/2 outlets
20	0 375 89	2 levels
		For spring terminal blocks with 6 mm pitch
20	0 375 90	Disconnect type



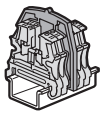
Pack	Cat.Nos	Connection of protective conductors
		Additional brass bar
1	0 373 00	Length 416 mm, 12 x 6.5 mm cross-section Fits directly on integrated supports in XL³ 160 cabinet or on rail ⊔ with wire guides Cat.No 0 200 94 or on support end stop Cat.No 0 375 12 - 36 holes Ø5.3 mm (1.5 to 10 mm²) - 2 holes Ø9 mm (35 mm²)
		Brass bar for protective conductor
1	0 373 01	Length 456 mm, 12 x 6.5 mm cross-section - 36 holes Ø5.3 mm (1.5 to 10 mm²) - 2 holes Ø9 mm (35 mm²) - 4 holes Ø6.5 mm (2.5 to 16 mm²) Fits onto functional uprights with supplied lugs
		Flat copper bar 12 x 4 with clamps
1	0 373 02	Supplied with clamp connectors (40 x 1.5 to 4 mm², 4 x 6 to 16 mm², 1 x 35 mm²) Length 455 mm Fits onto functional uprights in XL³ 400 cabinets and enclosures or on rail with wire guides Cat.No 0 200 94

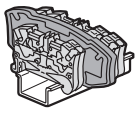
Viking™ 3 accessories for terminal blocks (continued)



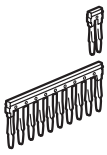
Technical characteristics **p. 469**

Pack	Cat.Nos	Separation and insulation dividers
		Grey
		For screw terminal blocks
20	0 375 60	1 entry/1 outlet 5, 6, 8 and 10 mm pitch
10	0 375 61	1 entry/1 outlet 12 and 15 mm pitch
10	0 375 62	2 entries/2 outlets and disconnect type 6 mm pitch
10	0 375 63	2 levels
20	0 375 54	3 levels
		For spring terminal blocks
10	0 375 95	1 entry/1 outlet, 1 entry/2 outlets and 2 entries/2 outlets 5 and 6 mm pitch
10	0 375 96	2 levels



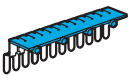


Pack	Cat.Nos	Equipotential bridging accessories
		Bridging combs for screw and spring terminal blocks
		Front mounting (automatic insertion), screwless
		Isolated and separable
		Consecutive or alternating connection
20	0 375 00[1]	For 10 blocks with 5 mm pitch - blue
20	0 375 01[1]	For 10 blocks with 5 mm pitch - red
50	0 375 02[1]	For 2 blocks with 5 mm pitch - red
20	0 375 03[2]	For 10 blocks with 6 mm pitch - blue
20	0 375 04[2]	For 10 blocks with 6 mm pitch - red
50	0 375 05[2]	For 2 blocks with 6 mm pitch - red
20	0 375 07[3]	For 3 blocks with 8 mm pitch - red
20	0 375 08[3]	For 2 blocks with 8 mm pitch - red



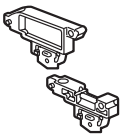
		Bars for screw terminal blocks
		Front mounting with screws
		Pre-assembled, not insulated bar
		Consecutive or alternating connection
10	0 375 40	For 12 blocks with 10 mm pitch
10	0 375 42[4]	For 12 blocks with 12 mm pitch
10	0 375 44	For 12 blocks with 15 mm pitch

		Bridging combs for 3-level screw terminal blocks
		For lower and intermediate levels of blocks Cat.Nos 0 371 51/52
		Side mounting
		Insulated and separable
10	0 375 46	For 12 blocks with 5 mm pitch - brown
10	0 375 47	For 12 blocks with 5 mm pitch - blue

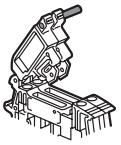


		Bridging combs for spring terminal blocks
		Front mounting (automatic insertion), screwless
		Isolated
		Red
20	0 375 82	For 2 blocks with 10 mm pitch
20	0 375 85	For 2 blocks with 12 mm pitch

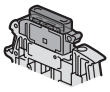
Pack	Cat.Nos	Accessories for disconnect blocks
		For screw and spring terminal blocks
		Blade type levers
		For open blocks Cat. Nos 0 371 80 and 0 372 80
		Manual disconnection for handle type, tool required for mini lever type
50	0 375 15	With handle lever for fuse cartridge 5 x 20
50	0 375 16	Blue handle lever for neutral
50	0 375 17	Grey handle lever
50	0 375 18	Mini lever



		Joining rods
		For handle and mini lever
20	0 375 21	For 2 blocks
20	0 375 22	For 3 blocks

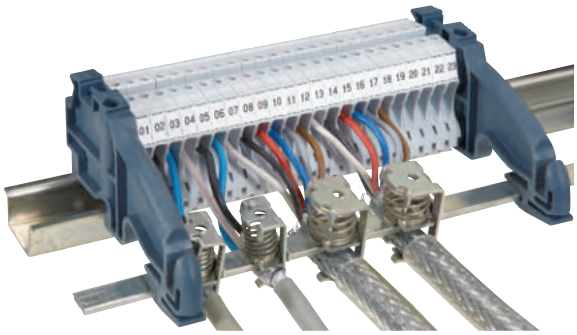


		Blown fuse indicators
		Clip directly onto blocks Cat.Nos 0 371 81, 0 372 81 or handle lever 0 375 15 (with power off)
50	0 375 24	12/24/48 V⎓ and ∿ for block with fuse cartridge 5 x 20 with handle lever
50	0 375 25	110/250 V∿ for block with fuse cartridge 5 x 20 with handle lever



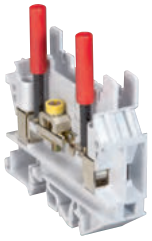
1: Cat. No 0 371 51/52: upper level only
Cat. No 0 372 56: lower level only
Cat. No 0 372 54: non shuntable
2: Cat. No 0 371 56: lower level only
3: Except for Cat.No 0 371 92
4: Except for Cat.No 0 371 87

Viking™ 3 accessories for terminal blocks (continued)



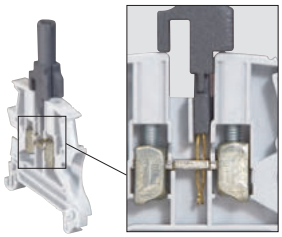
Shielding terminal block with end stops 0 375 12, bar 0 375 34 and clamps 0 375 30/31

0 375 76 + 0 371 64



0 375 77 + 0 371 92 open

0 375 66 + 0 371 63 + 0 371 03



0 375 27 + 0 371 61

Pack	Cat.Nos	Shielding accessories
		Ensure safe, simple connection of cable shielding
		Shielding clamps For screw and spring terminal blocks - mounted by pivoting on collector bar 10 x 3 mm Cat.No 0 375 34 - mounted on plate with M4 screws (supplied) - mounted on rail ⊔ with Cat.No 0 364 69
10	0 375 30	For cable Ø3 to 8 mm
10	0 375 31	For cable Ø4 to 13.5 mm
4	0 375 32	For cable Ø10 to 20 mm
		Shielding bar For screw and spring terminal blocks Steel Length 1 m For use with end stops Cat.No 0 375 12
10	0 375 34	10 x 3 mm
50	0 375 35	**Screening continuity bracket** For screw terminal blocks 1 entry/1 outlet 5, 6, 8 and 10 mm pitch Connected with 2.8 x 0.8 mm clips or welded on Capacity: 1 mm²

Pack	Cat.Nos	Protective screens
		1 pole For screw terminal blocks 1 entry/1 outlet
10	0 375 65	5 and 6 mm pitch
10	0 375 66	8 and 10 mm pitch
10	0 375 67	12 and 15 mm pitch
		Cut to length Length 1 m Mounted on separation and insulation divider For screw terminal blocks 1 entry/1 outlet Can be equipped with CAB 3 marking system for terminal blocks (p. 342)
10	0 375 68	5, 6, 8 and 10 mm pitch (divider Cat.No 0 375 60)
10	0 375 69	12 and 15 mm pitch (divider Cat.No 0 375 61)

		Measurement accessories
		For screw and spring terminal blocks
10	0 375 27[1]	Measurement socket for Ø4 mm plug for blocks with 5, 6 and 8 mm pitch
		For screw terminal blocks
50	0 375 75	Measurement socket for Ø2 mm plug for blocks with 10 mm pitch Cat.Nos 0 371 03/63
20	0 375 76	Measurement socket for Ø4 mm plug for blocks with 12 and 15 mm pitch Cat.Nos 0 371 04/05/64/65
10	0 375 77	Measurement socket for Ø4 mm plug for disconnect block for measurement Cat.No 0 371 92

1: Except for disconnect blocks with handle lever, screw terminal block with LED and spring function blocks. 2 and 3-level terminal blocks: upper level only. Side by side installation of 2 measurment sockets is possible only with 8 mm pitch blocks

Viking™ 3 terminal blocks with screw connection

Characteristics and dimensions (mm)

V2 polyamide according to UL 94, 960 °C according to IEC EN 60695-2-11
Insulating material for terminal blocks: polyamide - 30° C to + 100° C

Connecting blocks

Cat.Nos	Voltage (V)			Current (A)			Nominal cross-section		
	IEC	CSA	UL	IEC	CSA	UL	IEC (mm²)	CSA (AWG)	UL (AWG)
0 371 00/20/30/60	800	600	600	24	20	20	2.5	12	12
0 371 01/21/31/61				32	30	30	4	10	10
0 371 02/62				41	46	46	6	8	8
0 371 03/63				57	60	60	10	6	6
0 371 04/64/98				76	85	85	16	4	4
0 371 05/65/99				125	115	115	35	2	2
0 371 07/67	500	300	300	24	20	20	2.5	12	12
0 371 08/68				32	30	30	4	10	10
371 09/69				32	30	30	4	10	10
0 371 66	1000	600	600	192	200	200	70	000	000
0 371 77	800	600	600	32	30	30	4	10	10
0 371 78				41	46	46	6	8	8

Cat.No 0 371 51: see blocks for sensors
IEC 60947-7-1, CSA no. 22-2 no. 158, UL 1059

Approved by ATEX:
LCIE 16 ATEX 3049U II 2 G Ex e IIC Gb IECEx LCIE 16.0036U

The terminal blocks with screw connection covered by this certificate are 1-, 2- and 3-level connecting terminal blocks, and blocks for protection conductor with metal base(1) (detailed list on p. 919)
The main characteristics are:
Operating temperature: - 30 °C to + 55 °C
Maximum temperature of materials: + 85 °C

Working voltage acc. to IEC/EN 60079-7: 1-level terminal blocks: 500 V
Blocks with 2 entries - 2 outlets: 250 V
2 and 3-level terminal blocks: 250 V

Rated current:

Conductor cross-section (mm²)	2.5	4	6	10	16	35	70
Rated current (A)	18	23	30	42	57	93	145

Attestation of conformity of component for the customer is available on request

1: Except for Cat.No 0 371 76

Blocks for protection conductor

Cat.Nos	Voltage (V)			Current (A)	Nominal cross- section		
	IEC	CSA	UL	IEC	IEC (mm²)	CSA (AWG)	UL (AWG)
0 371 70	800	600	600	-	2.5	12	12
0 371 71				-	4	10	10
0 371 72				-	6	8	8
0 371 73(1)				57	10	6	6
0 371 74(1)				76	16	4	4
0 371 75(1)				125	35	2	2
0 371 76	-	-	-	-	35	-	-
0 371 79	500	300	300	-	4	10	10

IEC 60947-7-2, CSA no. 22-2 no. 158, UL 1059
1: PEN terminal blocks

Disconnect terminal blocks

Cat.Nos	Voltage (V)			Current (A)			Nominal cross- section		
	IEC	CSA	UL	IEC	CSA	UL	IEC (mm²)	CSA (AWG)	UL (AWG)
0 371 80	500	300	300	15	15	15	2.5	12	12
0 371 81 or 0 371 80 + 0 375 15	250	250	250	6.3	6.3	6.3			
0 371 82	500	300	300	15	15	15			
0 371 83									
0 371 84									
0 371 85									
0 371 86									
0 371 87	250	250	250	10	10	10	10	6	6

IEC 60947-7-1/7-3, CSA no. 22-2 no. 158, UL 1059

Power according to IEC 60947-7-3

Cat.Nos	Short-circuit		Short-circuit + overload	
	Separate blocks	Assembled blocks	Separate blocks	Assembled blocks
0 371 81 or 0 371 80 + 0 375 15(1)	4 W / 6.3 A	1.6 W/6.3 A	1.6 W/6.3 A	-
	Pvk = 4.75 W	Pvk = 2 W	Pv = 1.65 W	-
0 371 87	4 W	2.5 W	1.6 W	-
	Pvk = 5 W	Pvk = 2.7 W	Pv = 1.8 W	-

1: With or without blown fuse indicator Cat.No 0 375 25

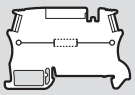
Function blocks

Cat.Nos	Voltage (V)			Current (A)			Nominal cross- section		
	IEC	CSA	UL	IEC	CSA	UL	IEC (mm²)	CSA (AWG)	UL (AWG)
0 371 53	250	-	-	-	-	-	2.5	-	-
0 371 54	250	-	-	1	-	-	2.5	-	-
0 371 55	500	300	300	1	1	1	4	10	10
0 371 56	12 to 24	12 to 24	12 to 24	32	30	30	4	10	10

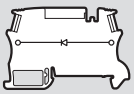
IEC 60947-7-1, CSA no. 22-2 no. 158, UL 1059

Schematic diagrams

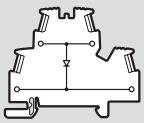
Cat.No 0 371 53



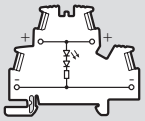
Cat.No 0 371 54



Cat.No 0 371 55



Cat.No 0 371 56



Diode for Cat.Nos 0 371 54/55
- 1N4007 type 1A
- direct current ⎓ 1 A
- peak inverse voltage 1000 V
- inverse current 5 µA at 25 °C

Blocks for sensors and actuators/PNE

Cat.Nos	Voltage (V)			Current (A)			Nominal cross-section		
	IEC	CSA	UL	IEC	CSA	UL	IEC (mm²)	CSA (AWG)	UL (AWG)
0 371 51	400	300	300	24	20	20	2.5	12	12
0 371 52									

IEC 60947-7-1/7-2, CSA no. 22-2 no. 158, UL 1059

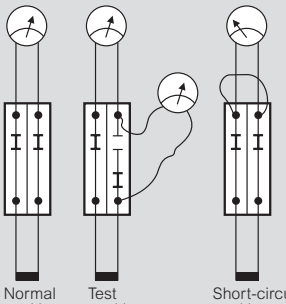
Disconnect block for measurement

Cat.Nos	Voltage (V)			Current (A)			Nominal cross- section		
	IEC	CSA	UL	IEC	CSA	UL	IEC (mm²)	CSA (AWG)	UL (AWG)
0 371 92	800	-	-	24	-	-	4	-	-

IEC EN 60947-7-1

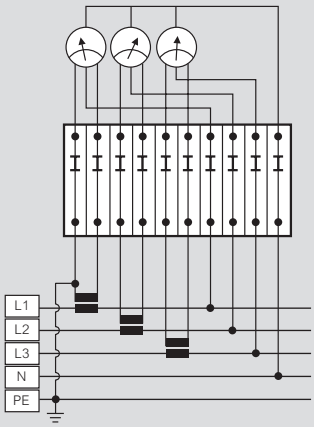
Wiring principle for measurement blocks Cat.No 0 371 92

Ammeter circuit



Per circuit:
2 x Disconnect blocks for measurement Cat.No 0 371 92
4 x Measurement sockets for Ø4 mm plug Cat.No 0 375 77
1 x End cap Cat.No 0 375 57
1 x Shunt with Ø4 mm plugs

Wattmeter circuit



10 x Disconnect blocks for measurement Cat.No 0 371 92
12 x Measurement sockets for Ø4 mm plug Cat.No 0 375 77
1 x End cap Cat.No 0 375 57
3 x Shunts with Ø4 mm plugs

Stripped lengths (mm)

Screw terminal pitch (mm)	Rigid or flexible wire
5	6 to 8
6	
8	10 to 12
10	
12	13 to 17 except for Cat.No 0 371 87 : 11 to 14
15	14 to 18
22	15 to 22

Protection against fire and panic risks in public buildings C 12-201 guide

Art. EL 3, definitions: "Security installations are those that have to be put into or maintained in service to ensure the evacuation of the public or facilitate the intervention of the first-aid"

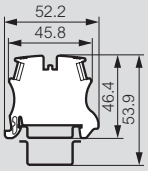
Art. EL 16, power supply circuits in security installations section 1a: "…the corresponding junction or deviation devices and their enclosures, except for the waterproofing systems, must satisfy the incandescent wire test defined in the standard in force, the temperature of the incandescent wire being 960 °C"
Viking 3 terminal blocks satisfy the incandescent wire test 960 °C according to standard IEC 60695-2-11

Viking™ 3 terminal blocks with screw connection (continued)

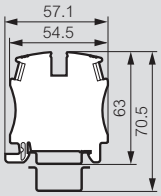
Dimensions (mm)

Connecting blocks

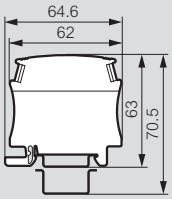
Cat.Nos 0 371 00/01/02/ 03/20/21/30/31/60/61/62/ 63/77/78



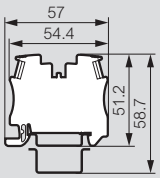
Cat.Nos 0 371 04/05/64/65/98/99



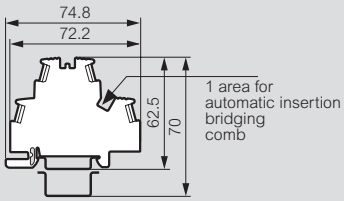
Cat.No 0 371 66



Cat.Nos 0 371 09/69

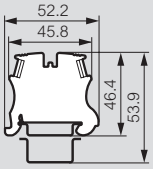


Cat.Nos 0 371 07/08/67/68

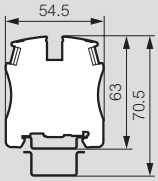


Blocks for protection conductor

Cat.Nos 0 371 70/71/72/73



Cat.Nos 0 371 74/75



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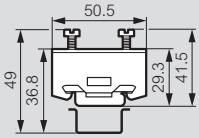

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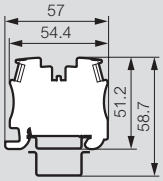
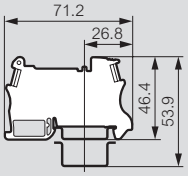
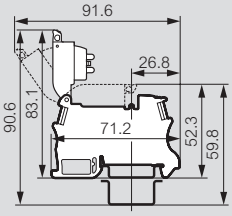


Disconnect terminal blocks

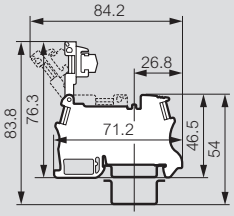
Cat.No 0 371 80



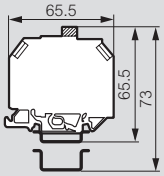
Cat.Nos 0 371 81/82/83/85



Cat.Nos 0 371 84/86

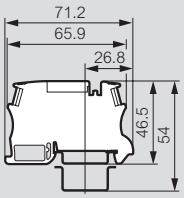


Cat.No 0 371 87

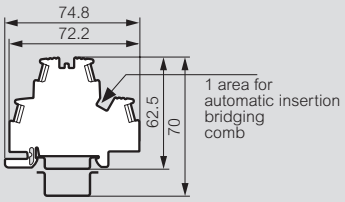


Function blocks

Cat.Nos 0 371 53/54

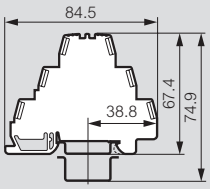


Cat.Nos 0 371 55/56



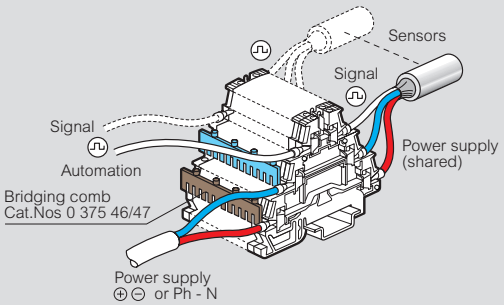
Blocks for sensors and actuators/PNE

Cat.Nos 0 371 51/52

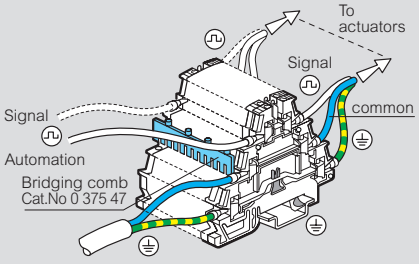


Wiring principle

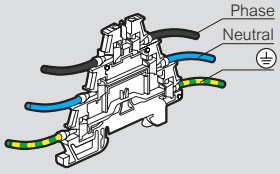
Block for sensor Cat.No 0 371 51



Block for actuator Cat.No 0 371 52

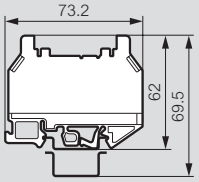


PNE block Cat.No 0 371 52



Disconnect block for measurement

Cat.No 0 371 92



Viking™ 3 terminal blocks with spring connection

Characteristics

V2 polyamide according to UL 94, 960 °C according to IEC EN 60695-2-11
Insulating material for terminal blocks: polyamide - 30° C to + 100° C

Connecting blocks

Cat.Nos	Voltage (V)			Current (A)			Nominal cross- section		
	IEC	CSA	UL	IEC	CSA	UL	IEC (mm²)	CSA (AWG)	UL (AWG)
0 372 00/01	800	600	600	32	20	20	4	12	12
0 372 02				41	30	30	6	10	10
0 372 03				57	50	50	10	8	8
0 372 04				76	60	60	16	6	6
0 372 07/08	500	300	300	32	20	20	4	10	10
0 372 09	800	600	600	32	20	20	4	12	12
0 372 20									
0 372 21									
0 372 40									
0 372 41									
0 372 42									
0 372 43									
0 372 44									
0 372 46									
0 372 47									
0 372 60									
0 372 61									
0 372 62	800	600	600	41	30	30	6	10	10
0 372 63				57	50	50	10	8	8
0 372 64				76	60	60	16	6	6
0 372 67/68	500	300	300	32	20	20	4	12	12
0 372 69	800	600	600		20	20		12	12

IEC 60947-7-1, CSA no. 22-2 no. 158, UL 1059

Blocks for protection conductor

Cat.Nos	Voltage (V)			Current (A)	Nominal cross- section		
	IEC	CSA	UL	IEC	IEC (mm²)	CSA (AWG)	UL (AWG)
0 372 10	800	600	600	-	4	12	12
0 372 11							
0 372 12							
0 372 70							
0 372 71							
0 372 72				-	6		
0 372 73[1]				57	10	8	8
0 372 74[1]				76	16	6	6
0 372 79				-	4	12	12

IEC 60947-7-2, CSA no. 22-2 no. 158, UL 1059
1: PEN terminal blocks

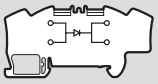
Function blocks

Cat.Nos	Voltage (V)			Current (A)			Nominal cross- section		
	IEC	CSA	UL	IEC	CSA	UL	IEC (mm²)	CSA (AWG)	UL (AWG)
0 372 54	500	300	300	1	0.6	0.6	4	12	12
0 372 55									
0 372 56	12 to 24	12 to 24	12 to 24	-	-	-			

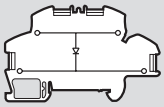
IEC 60947-7-1, CSA no. 22-2 no. 158, UL 1059

Schematic diagrams

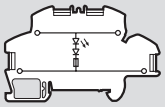
Cat.No 0 372 54



Cat.No 0 372 55



Cat.No 0 372 56



Diode for Cat.Nos 0 372 54/55
- 1N4007 type 1A
- direct current ⎓ 1 A
- peak inverse voltage 1000 V
- inverse current 5 µA at 25 °C

Approved by ATEX:
LCIE 16 ATEX 3049U II 2 G Ex e IIC Gb IECEx LCIE 16.0036U

The terminal blocks with spring connection covered by this certificate are 1- and 2-level connecting terminal blocks, and blocks for protection conductor with metal base
The main characteristics are:
Operating temperature: - 30 °C to + 55 °C
Maximum temperature of materials: + 85 °C

Working voltage acc. to IEC/EN 60079-7: 1-level terminal blocks: 500 V
2-level terminal blocks: 250 V

Rated current:

Conductor cross-section (mm²)	4	6	10	16
Rated current (A)	23	30	42	57

Attestation of conformity of component for the customer is available on request

Disconnect blocks

Cat.Nos	Voltage (V)			Current (A)			Nominal cross- section		
	IEC	CSA	UL	IEC	CSA	UL	IEC (mm²)	CSA (AWG)	UL (AWG)
0 372 80	500	300	300	15	14	14	2.5	14	14
0 372 81 or 0 372 80 + 0 375 15	250	250	250	6.3	6.3	6.3			
0 372 82	500	300	300	15	14	14			
0 372 83									
0 372 84									
0 372 85									
0 372 86									

IEC 60947-7-1/7-3, CSA no. 22-2 no. 158, UL 1059

Power according to IEC 60947-7-3

Cat.Nos	Short-circuit		Short-circuit + overload	
	Separate blocks	Assembled blocks	Separate blocks	Assembled blocks
0 372 81 ou 0 372 80 + 0 375 15[1]	4 W / 6.3 A	1.6 W / 6.3 A	1.6 W / 6.3 A	-
	Pvk = 4.75 W	Pvk = 2 W	Pv = 1.65 W	-

(1): With or without blown fuse indicator Cat.No 0 375 25

Stripped lengths (mm)

Spring terminal pitch (mm)	Rigid or flexible wire
5	8 to 12
6	
8	
10	8 to 13
12	8 to 15

Protection against fire and panic risks in public buildings C 12-201 guide

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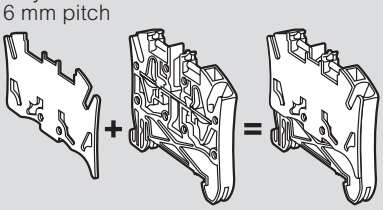
Art. EL 16, power supply circuits in security installations section 1a: "…the corresponding junction or deviation devices and their enclosures, except for the waterproofing systems, must satisfy the incandescent wire test defined in the standard in force, the temperature of the incandescent wire being 960 °C"
Viking 3 terminal blocks satisfy the incandescent wire test 960 °C according to standard IEC 60695-2-11

Blocks with 5 mm pitch/6 mm pitch

The active part of spring terminal blocks with 5 mm pitch is identical to that of blocks with 6 mm pitch. The absence of an end cap is the only difference between blocks with 5 mm pitch and blocks with 6 mm pitch



End cap + block with 5 mm pitch

Block with 6 mm pitch and built-in divider

Terminal blocks with 5 mm pitch are therefore 4 mm² nominal / 32 A blocks. Only a connection with end cap limits terminal blocks with 5 mm pitch to 2.5 mm² / 24 A:

	Rigid conductor	Flexible conductor	Flexible conductor with ferrule
Blocks with 5 mm pitch	6 mm² / 32 A	4 mm² / 32 A	2,5 mm² / 24 A
Blocks with 6 mm pitch			4 mm² / 32 A

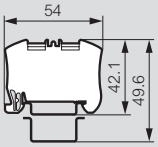
Spring terminal blocks with 5 mm pitch can therefore reduce the dimensions of 32 A terminal blocks connected with a rigid or flexible conductor without end cap

Viking™ 3 terminal blocks with spring connection (continued)

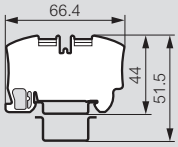
Dimensions (mm)

Connecting blocks

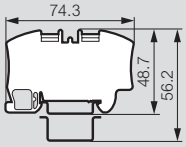
Cat.Nos 0 372 00/01/20/ 21/60/61/70/71



Cat.Nos 0 372 02/62/72



Cat.Nos 0 372 03/63/73



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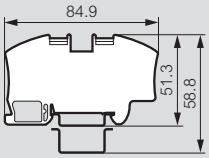
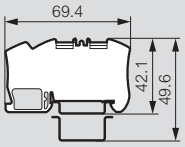
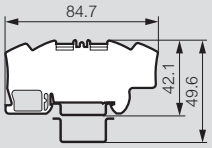


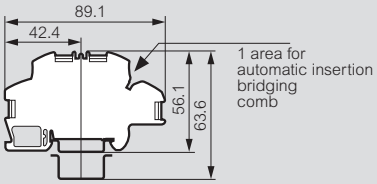
Cat.Nos 0 372 10/11/40/ 41/42/43/44



Cat.Nos 0 372 09/12/46/ 47/54/69/79

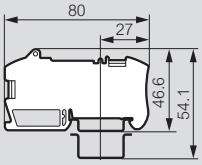


Cat.Nos 0 372 07/08/55/56/67/68

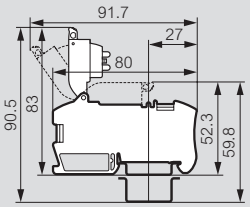


Disconnect blocks

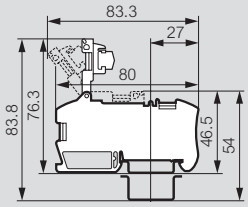
Cat.No 0 372 80



Cat.Nos 0 372 81/82/83/85



Cat.Nos 0 372 84/86



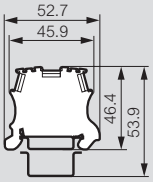
Viking™ 3 accessories for terminal blocks

Characteristics and dimensions (mm)

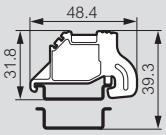
Cat.Nos 0 375 10/13 : V2 polyamide according to UL 94
Cat.Nos 0 375 11/12 : V0 polyamide according to UL 94
Glow-wire flammability resistance : 960 °C according to IEC/EN 60695-2-11
V2 polyamide according to UL 94

End stops

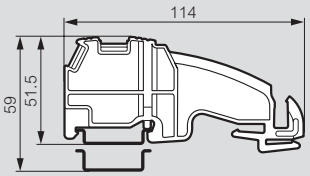
Cat.No 0 375 10



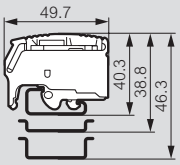
Cat.No 0 375 11



Cat.No 0 375 12



Cat.No 0 375 13



End caps

Cat.Nos	Thickness (mm)
0 375 50	2
0 375 51	2.5
0 375 52	2
0 375 53	2
0 375 54	2.5
0 375 55	2
0 375 56	1.4
0 375 57	1.4
0 375 86	1
0 375 87	1.1
0 375 88	1.1
0 375 89	1.1
0 375 90	2

Separation and insulation dividers

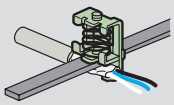
Cat.Nos	Thickness (mm)
0 375 54	2.5
0 375 60	2.5
0 375 61	2.6
0 375 62	2.5
0 375 63	2.5
0 375 95	2.8
0 375 96	2.7

Equipotential bridging combs/bars

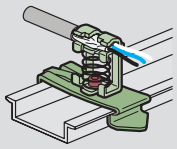
Cat.Nos	Cross-section (mm²)
0 375 00/01	2.5
0 375 02	2.5
0 375 03/04	4
0 375 05	4
0 375 07	6
0 375 08	6
0 375 40	10
0 375 42	16
0 375 44	35
0 375 46	2.5
0 375 47	2.5
0 375 82	10
0 375 85	16

Shielding clamps

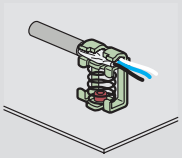
Mounting on bar
10 x 3 Cat.No 0 375 34

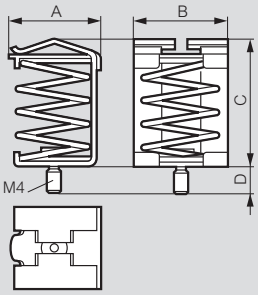


Mounting on rail
with accessory
Cat.No 0 364 69



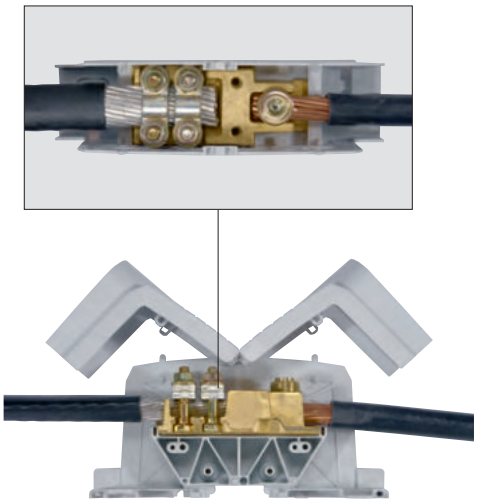
Mounting on plate



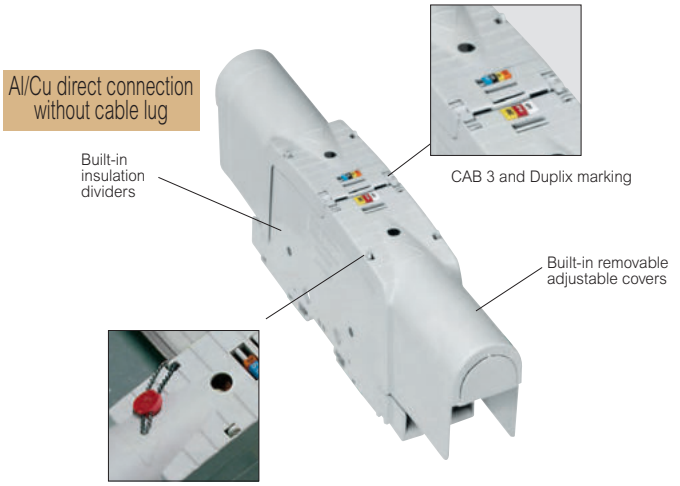


Cat.Nos	A	B	C	D
0 375 30	13.5	18	26	5.6
0 375 31	20	20.3	31.4	5.3
0 375 32	24.8	26	40	5.3

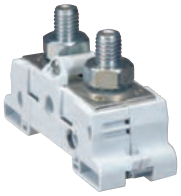
Viking™ 3 power terminal blocks



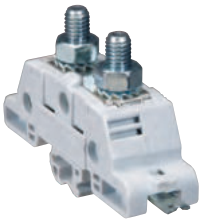
0 390 11 (interior view with covers cut away)



Possibility of sealing



0 390 72



0 390 31

Technical characteristics **p. 471**

Bridging the gap between the enclosure and external cables

Insulated aluminium/copper power terminal blocks

For aluminium/copper cables, copper bars or cable lugs (see selection chart p. 471)
Direct connection of cable
Insulation and protection against direct contact without additional accessories (built-in dividers and covers)
Pre-cut removable covers for adjustment to the various connection modes
Fixed using metal clip for rails ⊔ 15 mm depth and ⊔ EN 60715 15 mm depth, or on plate with screws
Permits the use of Cab 3, Duplix markers
Test via test plug closed covers
Blocks with identical pitch can be joined using a threaded rod
Shunting possible with Cat.Nos 0 394 46/47

Cable - cable

Pack	Cat.Nos	Rigid or flexible cable (mm²)	Rigid or flexible cable (mm²)	Pitch (mm)
5	0 390 10	Al/Cu 35 to 120	Cu 35 to 70	42
5	0 390 11	Al/Cu 70 to 300	Cu 70 to 150	55

Cable lug - cable lug

Pack	Cat.Nos	Max. connection (mm²)	Max. connection (mm²)	Pitch (mm)
5	0 390 13	Al/Cu 95	Al/Cu 95	36
5	0 390 14	Al/Cu 150	Al/Cu 150	42
5	0 390 15	Al/Cu 300	Al/Cu 300	55

Cable lug - cable

Pack	Cat.Nos	Max. connection (mm²)	Rigid or flexible cable (mm²)	Pitch (mm)
5	0 390 17	Al/Cu 150	Cu 35 to 95	42
5	0 390 18	Al/Cu 300	Cu 70 to 150	55

Cable - cable lug

Pack	Cat.Nos	Rigid or flexible cable (mm²)	Max. connection (mm²)	Pitch (mm)
5	0 390 20	Al/Cu 35 to 120	Al/Cu 120	42
5	0 390 21	Al/Cu 70 to 300	Al/Cu 300	55

Equipotential bonding shunts

For insulated aluminium/copper power terminal blocks
Supplied with screws

Pack	Cat.Nos	
5	0 394 46	For blocks with pitch 36 and 42 mm
5	0 394 47	For blocks with pitch 55 mm

Bare power terminal blocks

For copper bars or cable lugs
Insulation dividers and protective covers to be ordered separately
For use with terminal marker sheets (p. 474)

Cable lug - cable lug for symmetrical rails

Fixed using metal clip on rails ⊔ 15 mm depth and ⊔ EN 60715 15 mm depth

Pack	Cat.Nos	Connecting max. (mm²)	Pitch (mm)
5	0 390 71	35	26
5	0 390 72	70	34
5	0 390 73	120	34
5	0 390 74	240	46

Cable lug - cable lug for asymmetrical rails

Fixed using metal clip on rails ⊏ EN 60715

Pack	Cat.Nos		
5	0 390 31	35	26
5	0 390 32	70	34
5	0 390 33	120	34
5	0 390 34	240	46

Insulation and protection accessories

For bare power terminal blocks

Separation barriers

Take protective covers
Marking possible with CAB 3 (p. 342)

Pack	Cat.Nos	
10	0 394 77	For blocks with pitch 26 mm
10	0 394 78	For blocks with pitch 34 and 46 mm

Protective covers

For mounting on separation barriers

Pack	Cat.Nos	
5	0 394 86	For 3 blocks with pitch 46 mm or for 4 blocks with pitch 34 mm
5	0 394 88	For 4 blocks with pitch 26 mm
5	0 394 89	For 4 blocks with pitch 46 mm

End stops
p. 462

Al/Cu distribution boxes
p. 303

CAB 3 marking system
p. 474

Viking™ 3 power terminal blocks

Selection chart

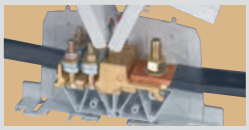
Input \ Output	Al bare cable	Cu bare cable	Cu cable lug Al-Cu cable lug Cu bar
Al bare cable	2 shunted blocks: 2x 0 390 10 2x 0 390 11 2x 0 390 20 2x 0 390 21	0 390 10/11	0 390 20/21
Cu bare cable	0 390 10/11	0 390 10/11	0 390 17/18/20/21
Cu cable lug Al-Cu cable lug Cu bar	0 390 20/21	0 390 17/18 0 390 20/21	0 390 13/14/15

Cat.Nos 0 390 10/11
Cable Al/Cu - Cable Cu

Cat.Nos 0 390 13/14/15
Cable lug - cable lug

Cat.Nos 0 390 17/18
Cable lug - Cable Cu

Cat.Nos 0 390 20/21
Cable Al/Cu - Cable lug



Characteristics of insulated Al/Cu terminal blocks

Conform to IEC EN 60947-7-1, UL 1059, UL 486 E and CSA C 22-2 n° 158
Insulation voltage Ui: 1000 V AC-DC
Impulse voltage Uimp: 12 kV
Overvoltage category: 4
Use in pollution atmosphere 3
Fire resistance:
- 960 °C (except cover) acc. to IEC EN 60695-2-11
- V2 according to UL 94
Insulating material:
- polyamide body - 30 °C to + 100 °C
- polypropylene cover -25 °C to + 100 °C
IK 04

Block only

Cat.Nos	Current (A) Copper - Copper IEC	UL	CSA	Al-Al / Al-Cu / Cu-Al	Icw (ka)	Terminal width (mm)	Ø screw	Tightening torque (Nm)
0 390 10	250	200	175	250	8,4	-	-	15
0 390 11	400	300	285	400	18	-	-	35
0 390 13	310	250	230	220	11,4	28	M 8	15
0 390 14	415	340	285	300	18	34	M 10	15
0 390 15	670	520	420	480	36	46	M 12	35
0 390 17	315	210	230	315	11,4	34	M 10	15
0 390 18	420	325	285	420	18	46	M 12	35
0 390 20	340	235	255	250	8,4	34	M 10	15
0 390 21	570	375	420	400	18	46	M 12	35

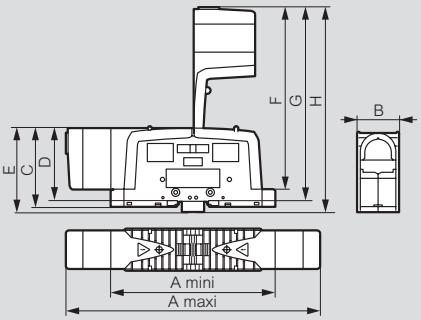
Shunted block

Block + shunt Cat.Nos	Current (A) Copper - Copper IEC	Al-Al / Al-Cu / Cu-Al	Icw (ka)	Shunt tightening torque (Nm)
0 390 10 + 0 394 46 + 0 390 10	340	250	14,4	6
0 390 11 + 0 394 47 + 0 390 11	570	400	36	10
0 390 13 + 0 394 46 + 0 390 13	310	220	11,4	6
0 390 14 + 0 394 46 + 0 390 14	415	300	18	6
0 390 15 + 0 394 47 + 0 390 15	670	480	36	10
0 390 17 + 0 394 46 + 0 390 17	415	315	18	6
0 390 18 + 0 394 47 + 0 390 18	670	420	36	10
0 390 20 + 0 394 46 + 0 390 20	340	250	14,4	6
0 390 21 + 0 394 47 + 0 390 21	570	400	36	10

AWG cable cross-sections

mm²	35	70	95	120	150	185	300
AWG	2	00	0000	250	300	350	600

Dimensions (mm)



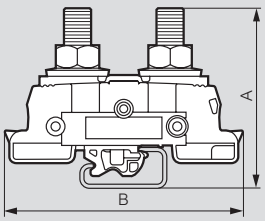
Cat.Nos	A max	A mini	B	C	D	E	F	G	H
0 390 13	227	155	36	82	73	88	176	185	191
0 390 10/14/17/20	296	200	42	83.5	74.5	89.5	212	221	227
0 390 11/15/18/21	337	216	55	107.3	98.5	113.5	257	266	272

Characteristics of bare terminal blocks

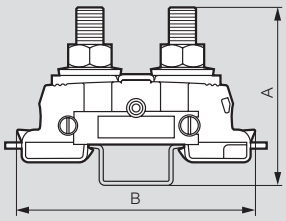
Conform to IEC EN 60947-7-1
Insulation voltage Ui: 1000 V AC-DC
Fire resistance:
- 960 °C acc. to IEC EN 60695-2-11
- V2 according to UL 94
Insulating material: polyamide - 30 °C to + 100 °C

Cat.Nos	Current (A) Copper - Copper IEC	Icw (kA)	Terminal width (mm)	Ø screw	Tightening torque (Nm)
0 390 31/71	125	4.2	15	M 8	10
0 390 32/72	192	8.4	25	M 10	20
0 390 33/73	269	14.4	25	M 10	20
0 390 34/74	415	28.8	35	M 12	40

Dimensions (mm)



Cat.Nos 0 390 31/32/33/34

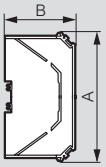


Cat.Nos 0 390 71/72/73/74

Cat.Nos	A	B
0 390 31/71	56	84
0 390 32/72	61	84
0 390 33/73	61	84
0 390 34/74	64	86

Cat.Nos	Separation and insulation divider	Protective cover 4 blocks	Protective cover 3 blocks
0 390 31/71	0 394 77	0 394 88	-
0 390 32/72	0 394 78	0 394 86	-
0 390 33/73	0 394 78	0 394 86	-
0 390 34/74	0 394 78	0 394 89	0 394 86

Separation barriers dimensions (mm)



Cat.Nos 0 394 77/78

Cat.Nos	A	B	th.
0 394 77	106	82	8
0 394 78	188	102	12

Starfix™ ferrules and crimping tools

0 376 50

0 376 60

0 376 61

0 376 62

0 376 63

0 376 87

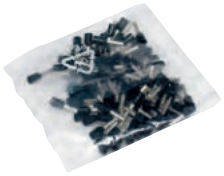
0 376 64

0 376 66

0 376 67

0 376 68

0 376 77


0 377 64

0 376 39

0 376 06

0 376 92

Correspondence table and dimensions **p. 473**

Ferrules with insulating flange

Provide an equipotential link for all the strands of a copper flexible conductor
Active part in tinned electrolytic copper
Conform to NF C 63-023

Singles - supplied in strips

Pack	Cat.Nos	Cross-section (mm²)	Colour	Number of strips or sachets	Number of ferrules per strip or sachet
500	0 376 50	0.25	turquoise	10	50
500	0 376 60	0.34	green	10	50
480	0 376 61	0.5	white	12	40
480	0 376 62	0.75	blue	12	40
1000	0 376 63	1	red	25	40
1000	0 376 64	1.5	black	25	40
1000	0 376 66	2.5	grey	25	40
250	0 376 67	4	orange	10	25
250	0 376 68	6	green	10	25

Singles - individual ferrules (sachet packing)

Pack	Cat.Nos	Cross-section (mm²)	Colour	Number of strips or sachets	Number of ferrules per strip or sachet
500	0 377 50	0.25	turquoise	5	100
500	0 377 60	0.34	green	5	100
1000	0 377 61	0.5	white	10	100
1000	0 377 62	0.75	blue	10	100
1000	0 377 63	1	red	10	100
1000	0 377 64	1.5	black	10	100
1000	0 377 66	2.5	grey	10	100
250	0 377 67	4	orange	5	50
250	0 377 68	6	green	5	50

Singles - individual ferrules (box packing)

Pack	Cat.Nos	Cross-section (mm²)	Colour
100	0 376 69	10	brown
100	0 376 72[1]	16	white
100	0 376 70	16	white
50	0 376 71	25	black
50	0 376 77	35	red
30	0 376 78	50	blue

Doubles - individual ferrules

Pack	Cat.Nos	Cross-section (mm²)	Colour
500	0 376 87	2 x 0.75	blue
500	0 376 88	2 x 1	red
500	0 376 89	2 x 1.5	black
500	0 376 90	2 x 2.5	grey

Singles - supplied as refills

Large capacity for less frequent applicator reloading
Refills for direct mounting on crimping tool Cat.No 0 376 09

Pack	Cat.Nos	Cross-section (mm²)	Colour	Number of ferrules per refills
3000	0 376 41	0.5	white	300
3000	0 376 42	0.75	blue	300
3000	0 376 43	1	red	300
3000	0 376 44	1.5	black	300
2500	0 376 45	1.5	grey	250

1: Short ferrule

Crimping tools for ferrules in strips

Cut and crimp of ferrules from 0.25 to 6 mm² in one operation

Starfix crimping tool for 0.25 and 0.34 mm² cross-sections

Pack	Cat.Nos	
1	0 376 08	Supplied fitted with empty applicator

Starfix crimping tool for 0.5 to 2.5 mm² cross-sections

Pack	Cat.Nos	
1	0 376 09	Supplied fitted with empty applicator
1	0 376 39	Assorted kit, comprising: - 1 Starfix crimping tool, Cat. No. 0 376 09 fitted with empty applicator - 120 x 0.5 mm² ferrules - 120 x 0.75 mm² ferrules - 240 x 1 mm² ferrules - 320 x 1.5 mm² ferrules - 200 x 2.5 mm² ferrules

Starfix crimping tool for 4 and 6 mm² cross-sections

Pack	Cat.Nos	
1	0 376 10	Supplied fitted with empty applicator

Starfix S multi-purpose crimping tool for 0.5 to 2.5 mm² cross-sections

Pack	Cat.Nos	
1	0 376 97	Tool cuts, strips, twists and crimps wire Supplied with 5 empty applicators

Crimping tool for individual single and double ferrules

For right or left-handed

Starfix crimping tool for 0.14 to 10 mm² cross-sections

For crimping of 0.14 to 10 mm² cross section ferrules

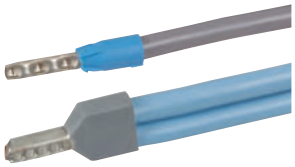
Pack	Cat.Nos	
1	0 376 06	Crimping tool with disengageable control system, square crimping profile

Starfix crimping tool for 10 to 50 mm² cross-sections

Pack	Cat.Nos	
1	0 376 92	Assorted kit comprising: - 1 crimping tool with disengageable control system for individual ferrules 10 to 50 mm² ; 4-point crimping - 30 individual ferrules 10 mm² - 20 individual ferrules 16 mm² - 15 individual ferrules 25 mm² - 10 individual ferrules 35 mm² - 10 individual ferrules 50 mm²

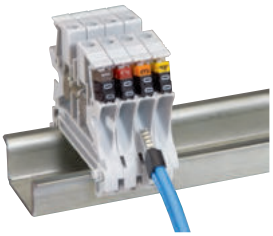
Starfix™ applicator

0 376 47



Example of simple/double ferrules on wires

Example of different wires and ferrules

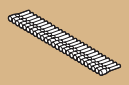


Pack	Cat.Nos	Starfix applicator	
		For Starfix crimping tool For dispensing strips of ferrules in Starfix crimping tools Cat.Nos 0 376 08/09/10	
10	0 376 46	For ferrules cross-section (mm²) 0.25 and 0.34	Colour yellow
10	0 376 47	0.5 to 2.5	red
10	0 376 48	4 and 6	orange

Viking 3 terminal blocks and accessories
p. 458 to 464

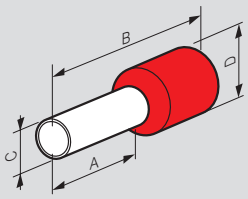
Starfix™ ferrules and crimping tools

Correspondence table

Cross-section (mm²) / Ferrule	 Simple ferrule	Large capacity ferrule - refills	Starfix applicator
0.5	0 376 61	0 376 41	0 376 47
0.75	0 376 62	0 376 42	0 376 47
1	0 376 63	0 376 43	0 376 47
1.5	0 376 64	0 376 44	0 376 47
2.5	0 376 66	0 376 45	0 376 47

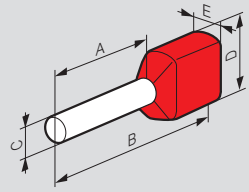
Dimensions (mm)

Simple ferrules



Cat.Nos			Cross-section (mm²)	A	B	C	D
0 376 50	**0 377 50**		0.25	8	14.5	1.1	3
0 376 60	**0 377 60**		0.34	8	14.5	1.1	3
0 376 61	**0 377 61**	**0 376 41**	0.5	8	14.5	1.5	3.4
0 376 62	**0 377 62**	**0 376 42**	0.75	8	14.5	1.5	3.4
0 376 63	**0 377 63**	**0 376 43**	1	8	14.5	1.7	3.6
0 376 64	**0 377 64**	**0 376 44**	1.5	8	14.5	2	4.1
0 376 66	**0 377 66**	**0 376 45**	2.5	8	14.5	2.6	4.8
0 376 67	**0 377 67**		4	12	21	3.2	5.7
0 376 68	**0 377 68**		6	12	23	3.9	7.2
0 376 69			10	12	21	4.9	8.1
0 376 72			16	12	23	6.3	9.8
0 376 70			16	18	29	6.3	9.8
0 376 71			25	18	31	7.9	12
0 376 77			35	18	32	8.9	13.5
0 376 78			50	20	36	11.1	16.1

Double ferrules



Cat.Nos	Cross-section (mm²)	A	B	C	D	E
0 376 87	**2 x 0.75**	8	15	2.1	6	3.3
0 376 88	**2 x 1**	8	15	2.35	6	4
0 376 89	**2 x 1.5**	8	16	2.6	7.2	4.2
0 376 90	**2 x 2.5**	10	18.5	3.3	8.4	4.8

Example of use

Starfix tool Cat.Nos 0 376 08/09/10/39

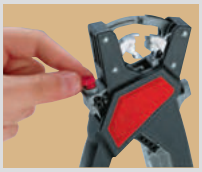
1 Fit the applicator

2 Adjust

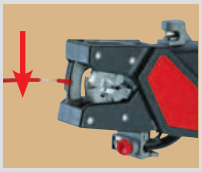
The 2-material handle gives an excellent grip

3 Insert the wire and crimp

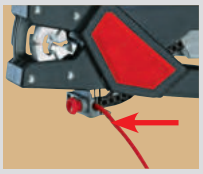
Starfix S tool Cat.No 0 376 97



1 Adjust the cross-section



2 Strip and twist



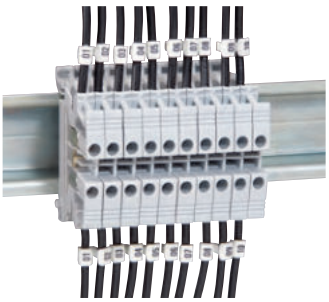
3 Crimp

CAB 3™ marking system

for wiring or Viking 3 terminal blocks

0 381 51

0 381 64



Same markers for cable and terminal blocks

0 381 63 mounted on Viking 3 terminal blocks

Technical characteristics **p. 476**

For marking wiring or Viking 3 terminal blocks

Pack	Cat.Nos	Markers for wiring 0.5 to 1.5 mm² cross-section and terminal blocks
		Strips of 20 markers (price per marker) Numbers: black on white background (available in black on yellow background on request)
240	0 381 50	01 to 20
240	0 381 51	21 to 40
240	0 381 52	41 to 60
240	0 381 53	61 to 80
240	0 381 54	81 to 100
240	0 381 55	Blank

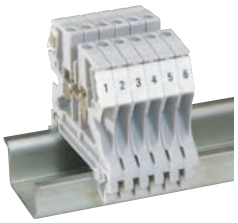
0 381 51

Pack	Cat.Nos	Markers for wiring 1.5 to 2.5 mm² cross-section
		Strips of 20 markers (price per marker) Numbers: black on white background (available in black on yellow background on request)
240	0 381 60	01 to 20
240	0 381 61	21 to 40
240	0 381 62	41 to 60
240	0 381 63	61 to 80
240	0 381 64	81 to 100
240	0 381 65	Blank

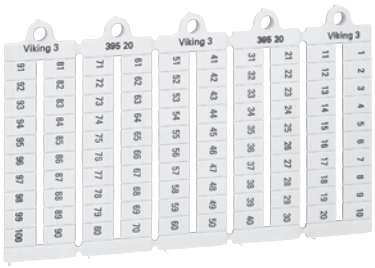
0 381 64

Marking label sheets

for Viking 3 terminal blocks



0 395 05 on Viking 3 terminal blocks



0 395 20

0 395 98

For marking Viking 3 terminal blocks

Pack	Cat.Nos	Blank markers
		Displayed by sheet of 100 pre-cut markers Manual marking (price per marker)
1000	0 395 00	For blocks 5 mm pitch
1000	0 395 01	For blocks 6 mm pitch
1000	0 395 02	For blocks 8 mm pitch

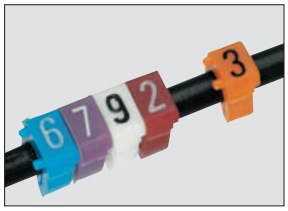
		Numbers
		Correct reading direction with the marker in horizontal position. Price per marker.
		Pitch of 5 mm
1000	0 395 05	From 1 to 10 (10 times)
1000	0 395 06	From 11 to 20 (10 times)
1000	0 395 07	From 21 to 30 (10 times)
1000	0 395 08	From 31 to 40 (10 times)
1000	0 395 09	From 1 to 50 (2 times)
1000	0 395 10	From 1 to 100
1000	0 395 11	From 101 to 200
		Pitch of 6 mm
1000	0 395 15	From 1 to 10 (10 times)
1000	0 395 16	From 11 to 20 (10 times)
1000	0 395 17	From 21 to 30 (10 times)
1000	0 395 18	From 31 to 40 (10 times)
1000	0 395 19	From 1 to 50 (2 times)
1000	0 395 20	From 1 to 100
1000	0 395 21	From 101 to 200

Pack	Cat.Nos	Black felt tip pen
10	0 395 98	Indelible for marking

Viking 3 terminal blocks
p. 458 to 464

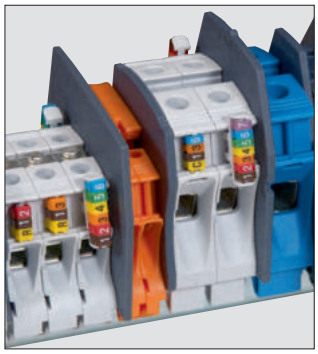
CAB 3™ marking system

markers for wiring and Viking 3 terminal blocks



Perfect alignment of label holders

0 382 12



Terminal block with CAB 3 markers and label-holders

For marking wiring or Viking 3 terminal blocks

Markers for wiring 0.15 to 0.5 mm² and 0.5 to 1.5 mm² cross-section and terminal blocks

On Viking 3 terminal blocks
- 4 markers 0.15 to 0.5 mm² max
- 3 markers 0.5 to 1.5 mm² max.

Pack:
- Up to 0.5 mm²: strips of 25 markers

From 0.5 mm² to 1.5 mm²: strips of 30 markers

Price per marker

Pack		Cat.Nos 0.15 to 0.5²	Cat.Nos 0.5 to 1.5²	Digits: international colour code
1000	1200	0 381 00	0 382 10	0 Black
1000	1200	0 381 01	0 382 11	1 Brown
1000	1200	0 381 02	0 382 12	2 Red
1000	1200	0 381 03	0 382 13	3 Orange
1000	1200	0 381 04	0 382 14	4 Yellow
1000	1200	0 381 05	0 382 15	5 Green
1000	1200	0 381 06	0 382 16	6 Blue
1000	1200	0 381 07	0 382 17	7 Purple
1000	1200	0 381 08	0 382 18	8 Grey
1000	1200	0 381 09	0 382 19	9 White
				Letters: black on yellow background
300		0 381 10	0 383 00	A
300		0 381 11	0 383 01	B
300		0 381 12	0 383 02	C
300		0 381 13	0 383 03	D
300		0 381 14	0 383 04	E
300		0 381 15	0 383 05	F
300		0 381 16	0 383 06	G
300		0 381 17	0 383 07	H
300		0 381 18	0 383 08	I
300		0 381 19	0 383 09	J
300		0 381 20	0 383 10	K
300		0 381 21	0 383 11	L
300		0 381 22	0 383 12	M
300		0 381 23	0 383 13	N
300		0 381 24	0 383 14	O
300		0 381 25	0 383 15	P
300		0 381 26	0 383 16	Q
300		0 381 27	0 383 17	R
300		0 381 28	0 383 18	S
300		0 381 29	0 383 19	T
300		0 381 30	0 383 20	U
300		0 381 31	0 383 21	V
300		0 381 32	0 383 22	W
300		0 381 33	0 383 23	X
300		0 381 34	0 383 24	Y
300		0 381 35	0 383 25	Z
				Conventional symbols: black on yellow background
300		0 381 40	0 382 70	/
300		0 381 41	0 382 71	•
300		0 381 42	0 382 72	+
300		0 381 43	0 382 73	-
300		0 381 44	0 382 74	∿
300		0 381 45	0 382 75	⎓
300		0 381 46	0 382 76	⏚

0 381 06

0 383 17

0 381 28

0 382 72

0 381 43

Markers for wiring 1.5 to 2.5 mm² and 4 to 6 mm² cross-section

Pack:
From 1.5 mm² to 2.5 mm²: strips of 30 markers
- Upper 2.5 mm²: strips of 20 markers

Price per marker

Pack		Cat.Nos 1,5 to 2,5²	Cat.Nos 4 to 6²	Digits: international colour code
1200	800	0 382 20	0 382 30	0 Black
1200	800	0 382 21	0 382 31	1 Brown
1200	800	0 382 22	0 382 32	2 Red
1200	800	0 382 23	0 382 33	3 Orange
1200	800	0 382 24	0 382 34	4 Yellow
1200	800	0 382 25	0 382 35	5 Green
1200	800	0 382 26	0 382 36	6 Blue
1200	800	0 382 27	0 382 37	7 Purple
1200	800	0 382 28	0 382 38	8 Grey
1200	800	0 382 29	0 382 39	9 White
				Letters: black on yellow background
300		0 383 30	0 383 60	A
300		0 383 31	0 383 61	B
300		0 383 32	0 383 62	C
300		0 383 33	0 383 63	D
300		0 383 34	0 383 64	E
300		0 383 35	0 383 65	F
300		0 383 36	0 383 66	G
300		0 383 37	0 383 67	H
300		0 383 38	0 383 68	I
300		0 383 39	0 383 69	J
300		0 383 40	0 383 70	K
300		0 383 41	0 383 71	L
300		0 383 42	0 383 72	M
300		0 383 43	0 383 73	N
300		0 383 44	0 383 74	O
300		0 383 45	0 383 75	P
300		0 383 46	0 383 76	Q
300		0 383 47	0 383 77	R
300		0 383 48	0 383 78	S
300		0 383 49	0 383 79	T
300		0 383 50	0 383 80	U
300		0 383 51	0 383 81	V
300		0 383 52	0 383 82	W
300		0 383 53	0 383 83	X
300		0 383 54	0 383 84	Y
300		0 383 55	0 383 85	Z
				Conventional symbols: black on yellow
300		0 382 80	0 382 90	/
300		0 382 81	0 382 91	•
300		0 382 82	0 382 92	+
300		0 382 83	0 382 93	-
300		0 382 84	0 382 94	∿
300		0 382 85	0 382 95	⎓
300		0 382 86	0 382 96	⏚

0 382 32

0 382 26

0 383 46

0 383 79

Duplix cable marking system
p. 818

CAB 3™ marking system

accessories

0 384 90

0 384 92

0 383 92 with markers CAB 3

0 383 97

0 382 00

Pack	Cat.Nos	CAB 3 accessories
		Marker-holders For cables cross-section from 10 mm² to 70 mm² Capacity: 8 digits, letters or symbols markers from 0.5 to 1.5 mm² or 1.5 to 2.5 mm² cross section Black
100	0 384 90	10 to 16 mm² cross-section
50	0 384 91	25 to 35 mm² cross-section
50	0 384 92	50 to 70 mm² cross-section
		Support for markers
100	0 383 92	Can be clipped on Viking 3 terminal blocks with screw connection Capacity: 7 markers from 0.15 to 0.5 mm² 6 markers from 0.5 to 1.5 mm²
		Transparent applicators For rapid selection and application of markers onto cable (except Cat.No 0 381 50 to 0 381 55 and Cat.No 0 381 60 to 0 381 65)

		For markers cross-section (mm²)	Applicator colour for identification of cross-section
10	0 383 94	0.15 to 0.5	green
10	0 383 95	0.5 to 1.5	red
10	0 383 96	1.5 to 2.5	blue
10	0 383 97	4 to 6	yellow

		On-site toolbox
1	0 382 00	With removable tray for CAB 3 markers and applicators, Starfix ferrules… Height 85 mm, depth 280 mm, width 450 mm Metal, padlockable Supplied empty

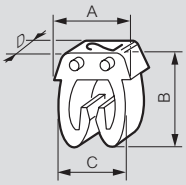
CAB 3™ markers
p. 474-475

CAB 3™ marking system

for wiring and Viking 3 terminal blocks

Dimensions

Markers
Polyamide 6/6

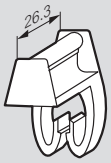


Dimensions	Cable cross-section (mm²)			
	0.15 to 0.5	0.5 to 1.5	1.5 to 2.5	4 to 6
A (mm)	5	5	5.6	8
B (mm)	5.05	6.4	7.6	9.6
C (mm)	3.7	4.3	4.9	7.1
D (mm)	2.3	3	3	3
ø mini/maxi (mm)	0.8/2.2	2.2/3	2.8/3.8	4.3/5.3

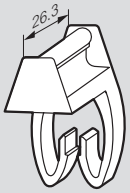
Cat.Nos 0 381 50 to 0 381 55 et 0 381 60 to 0 381 65: no liking stud.
D = 6 mm

Marker holders

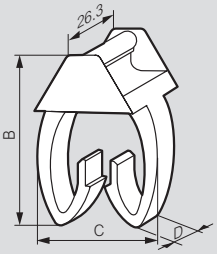
Cat.No 0 384 90



Cat.No 0 384 91

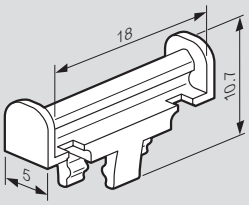


Cat.No 0 384 92



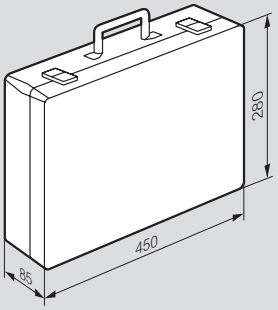
Dim.	Section of cable for marking (mm²)		
	10 to 16	25 to 35	50 to 70
B (mm)	18	24.3	27.2
C (mm)	8.9	12.2	17.2
D (mm)	7	7	10

Support for markers Cat.No 0 383 92



Characteristics and dimensions of on-site toolbox

Cat.No 0 382 00



Bottom tray consists of:
- 8 medium slots (arround 8 CAB 3 boxes)
- 1 large slot

Top tray consists of:
- 12 small slots (<=> approx. 6 boxes of CAB 3)
- 1 medium slot for applicators
  Capacity: approx. 15000 CAB 3 markers

Examples

On terminal blocks with support Cat.No 0 383 92

On power terminal blocks

On cable with marker-holder Cat.No 0 384 92

Memocab™ marking system

for wiring

0 377 12 fixed with Colring cable tie

0 379 91

0 379 92

0 379 89

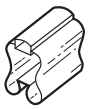
0 379 93

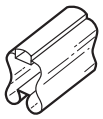
Marking kit
on request

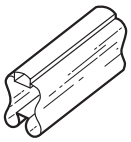
Marking system with closed ring
High resistance in very aggressive environments

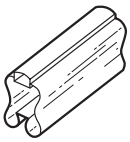
Marker-holders for wiring

Pack	Cat.Nos	Section (mm²) min.	Section (mm²) max.	Ø (mm) min.	Ø (mm) max.
		Length of marking: 12 mm 4 markers			
1000	0 379 27	0.25	1.5	1.3	3.5
1000	0 379 28	0.75	4	2.3	4.8
		Length of marking: 15 mm 6 markers			
1000	0 379 30	0.25	1.5	1.3	3.5
1000	0 379 31	0.75	4	2.3	4.8
500	0 379 32	4	16	4.2	7.6
		Length of marking: 18 mm 7 markers			
1000	0 379 36	0.25	1.5	1.3	3.5
1000	0 379 37	0.75	4	2.3	4.8
500	0 379 38	4	16	4.2	7.6
500	0 379 33	16	50	7.6	12.5
200	0 379 34	50	95	12.5	19
100	0 379 35	95	300	19	29.5
		Length of marking: 30 mm 12 markers			
500	0 379 40	0.25	1.5	1.3	3.5
500	0 379 41	0.75	4	2.3	4.8
200	0 379 42	4	16	4.2	7.6
200	0 379 43	16	50	7.6	12.5
		Length 500 mm (to be cut)			
10	0 379 44	0.75	4	2.3	4.8





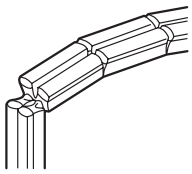




Marker-holders for simultaneous marking of both ends

Pre-cut label holders in rolls

Pack	Cat.Nos	Section (mm²) min.	Section (mm²) max.	Ø (mm) min.	Ø (mm) max.
		Length of marking: 18 mm 7 markers			
1000	0 379 20	0.25	1.5	1.3	3.5
1000	0 379 21	0.75	4	2.3	4.8
500	0 379 22	4	16	4.2	7.6
		Length of marking: 30 mm 12 markers			
500	0 379 10	0.25	1.5	1.3	3.5
500	0 379 11	0.75	4	2.3	4.8



Marker-holders for cables

Fixing with Colring cable ties maximum width 4.6 mm

Pack	Cat.Nos	
100	0 377 12	Length of marking: 20 mm (8 markers)
200	0 387 42	Length of marking: 30 mm (12 markers)

Marker-holders for all devices

Pack	Cat.Nos	
100	0 377 10	Adhesive Length of marking: 17.5 mm (7 markers)

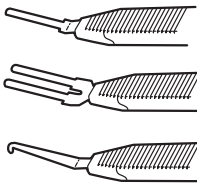
Accessories

Pack	Cat.Nos	
1	0 379 91	**Double dispenser board** For 48 strips of markers (supplied empty)

Selecting prong

For selecting the markers and placing them in the label holder

Pack	Cat.Nos	
10	0 379 90	For 30 mm marker holders
10	0 379 92	For 15 mm marker holders
10	0 379 89	Double for 30 or 18 mm marker holders (for simultaneous marking of both ends)



Extractor

Pack	Cat.Nos	
10	0 379 93	For 15 mm marker holders

Colring cable ties
p. 450

Duplix cable marking system
p. 818

Logicab™ 2 refills
Please, consult us

Memocab™ marking system

for wiring (continued)

0 378 01 to 0 378 10

0 378 05 + 2 x 0 378 06 + 0 378 01 + 0 378 10 + 0 378 09 + 0 378 08 in a label holder Cat.No 0 379 38

Pack	Cat.Nos	Markers
		Supplied in strip of 24 markets (unit price per marker)
		Numbers on colour background
		Black or white marking (international colour code)
600	0 378 01	Purple 7
600	0 378 02	Orange 3
600	0 378 03	White 9
600	0 378 04	Grey 8
600	0 378 05	Green 5
600	0 378 06	Yellow 4
600	0 378 07	Brown 1
600	0 378 08	Blue 6
600	0 378 09	Black 0
600	0 378 10	Red 2

0 378 06

		Numbers on white background
		Black marking
600	0 377 80	0
600	0 377 81	1
600	0 377 82	2
600	0 377 83	3
600	0 377 84	4
600	0 377 85	5
600	0 377 86	6
600	0 377 87	7
600	0 377 88	8
600	0 377 89	9

0 377 85

		Capital letters
		Black marking on white background
240	0 378 26	A
240	0 378 27	B
240	0 378 28	C
240	0 378 29	D
240	0 378 30	E
240	0 378 31	F
240	0 378 32	G
240	0 378 33	H
240	0 378 34	I
240	0 378 35	J
240	0 378 36	K
240	0 378 37	L
240	0 378 38	M
240	0 378 39	N
240	0 378 40	O
240	0 378 41	P
240	0 378 42	Q
240	0 378 43	R
240	0 378 44	S
240	0 378 45	T
240	0 378 46	U
240	0 378 47	V
240	0 378 48	W
240	0 378 49	X
240	0 378 50	Y
240	0 378 51	Z

0 378 30

		Conventional symbols
		Black marking on white background
240	0 379 54	/
240	0 379 55	•
240	0 379 56	+
240	0 379 57	-
240	0 379 58	∿
240	0 379 59	⎓
240	0 379 60	⏚

0 379 56

Memocab™ marking system

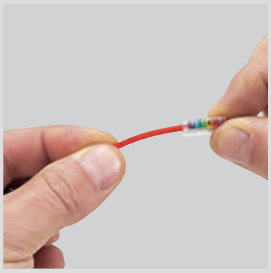
for wiring

Installation

1 Simultaneous marking of both ends

2 Use of double selecting prong

3 Installation in double marker-holder



The double strip can be used on site, where each marker-holders of both side will be placed on conductors

Ligh grey halogen free Transcab cable ducting

6 362 02

6 362 08

Technical characteristics **p. 481**

6.5 mm wide fingers with a 6 mm spacing
Accepts up to 6 mm² without breaking side wall finger
Two pre-scored lines allow removal of fingers
Bump on side wall fingers help cabling
Rounded fingers prevent injury during cabling
Conform to EN 500 85 parts 2 and 3
Plastic cable ducting (base + cover)
Side perforations at intervals of 12.5 mm
Length: 2 m

Pack	Cat.Nos	Light grey halogen free	
		PC/ABS	
		Width x Height (mm)	Capacity (mm²)
60[1]	6 362 00	25 x 25	391
56[1]	6 362 01	25 x 40	720
56[1]	6 362 02	25 x 60	1159
48[1]	6 362 06	40 x 40	1245
48[1]	6 362 07	40 x 60	2007
40[1]	6 362 08	40 x 80	2717
32[1]	6 362 12	60 x 60	3115
32[1]	6 362 13	60 x 80	4216
24[1]	6 362 17	80 x 80	5715
16[1]	6 362 25	120 x 80	8729

1: Number of meters in pack

Grey RAL 7030 Transcab cable ducting

6 361 17

6 361 25

Technical characteristics **p. 481**

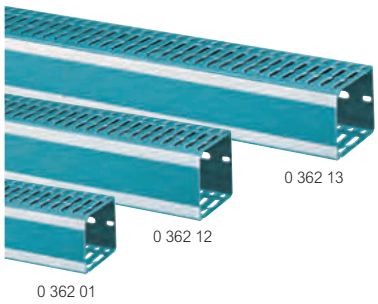
6.5 mm wide fingers with a 6 mm spacing
Accepts up to 6 mm² without breaking side wall finger
Two pre-scored lines allow removal of fingers
Bump on side wall fingers help cabling
Rounded fingers prevent injury during cabling
Conform to EN 500 85 parts 2 and 3
Plastic cable ducting (base + cover)
Side perforations at intervals of 12.5 mm
Length: 2 m

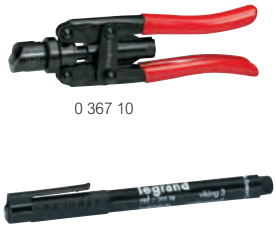
Pack	Cat.Nos	Grey RAL 7030	
		PVC	
		Width x Height (mm)	Capacity (mm²)
32[1]	6 360 95	15 x 25	264
40[1]	6 360 96	15 x 40	455
60[1]	6 361 00	25 x 25	391
56[1]	6 361 01	25 x 40	720
56[1]	6 361 02	25 x 60	1159
40[1]	6 361 03	25 x 80	1600
56[1]	6 361 05	40 x 25	692
48[1]	6 361 06	40 x 40	1245
48[1]	6 361 07	40 x 60	2007
40[1]	6 361 08	40 x 80	2717
24[1]	6 361 09	40 x 100	3354
32[1]	6 361 11	60 x 40	1932
32[1]	6 361 12	60 x 60	3115
32[1]	6 361 13	60 x 80	4216
24[1]	6 361 14	60 x 100	5216
24[1]	6 361 15	80 x 40	2647
24[1]	6 361 16	80 x 60	4200
24[1]	6 361 17	80 x 80	5715
20[1]	6 361 18	80 x 100	7078
24[1]	6 361 19	100 x 40	3363
24[1]	6 361 20	100 x 60	5307
16[1]	6 361 21	100 x 80	7215
16[1]	6 361 22	100 x 100	8960
16[1]	6 361 24	120 x 60	6403
16[1]	6 361 25	120 x 80	8729
12[1]	6 361 23	150 x 100	13683

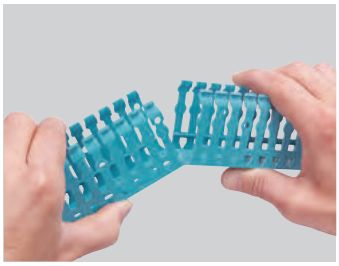
1: Number of meters in pack

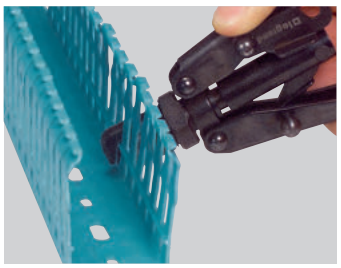
Accessories, **p. 480**

Lina 25™ cable ducting






Manually separable trunking

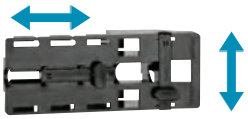

Side wall fingers can be cut using the Lina 25 cutter tool
Cat.No 0 367 10

Technical characteristics **p. 481**

Pack	Cat.Nos	Lina 25 ducting
		PVC Blue 2525 according to AFNOR NF X08-002 Conform to EN 50085-2-3 6.5 mm wide fingers with a 6 mm spacing Accepts up to 6 mm² without breaking side wall fingers Two pre-scored lines allow removal of fingers Bump on side wall fingers help cabling Rounded fingers prevent injury during cabling Conform to EN 50085 parts 2 and 3 Plastic cable ducting (base + cover) Side perforations at intervals of 12.5 mm Length: 2 m
		Width x height (mm)
60[1]	0 362 00	25 x 25
56[1]	0 362 01	25 x 40
56[1]	0 362 02	25 x 60
40[1]	0 362 03	25 x 80
56[1]	0 362 05	40 x 25
48[1]	0 362 06	40 x 40
48[1]	0 362 07	40 x 60
40[1]	0 362 08	40 x 80
32[1]	0 362 11	60 x 40
32[1]	0 362 12	60 x 60
32[1]	0 362 13	60 x 80
24[1]	0 362 16	80 x 60
24[1]	0 362 17	80 x 80
16[1]	0 362 25	120 x 80
		Lina 25 cutter tool
1	0 367 10	For a straight break of side wall fingers
		Sleeving
		Braided sleeving Black polyester Supplied in 50 m roll in dispenser box with an indicator 3 m before end
		Ø of roll / Ø variations
1	0 366 38	20 mm / 10 to 30 mm
1	0 366 39	30 mm / 18 to 54 mm
		Spiral sleeving Colourless
25	6 361 78	Ø12 mm
25	6 361 83	Ø22 mm
		Black felt-tip pen
10	0 395 98	Black felt-tip pen indelible for marking

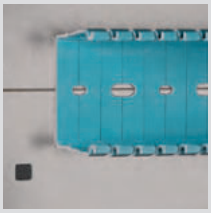
1: Number of metres in pack

Pack	Cat.Nos	Linafix isulating fixing accessories
		Material: polyamide 6/6 Enable fixing cable ducting on any support by 1/4 turn
100	0 366 40	On rails ⊏⊐, ⊐⊏ 15 mm depth 1/4 turn
20	0 366 41	On Lina 25 perforated plates Clip-on 1/4 turn
20	0 366 42	On door Fits under control and signalling auxiliaries Osmoz (Ø22)
10	0 366 43	On Lina 25 uprights Double adjustment to enable alignment with the perforations at the bottom of cable ducting Can be used to fix vertical or horizontal ducting (possible reinforcement with rail ⊐⊏, 15 mm depth) To be clipped on
100	0 366 46	On plain plates plastic rivet length 12 mm for solid plates up to 30 / 10th Drilling Ø: 5.5 to 6 mm
500	0 366 44	On plain plates, Lina 12.5 and perforated plates, Lina 25 for cabinets Reinforced plastic rivet Ø6 mm Drilling Ø: 6.5 mm
100	0 347 45	Screw caps H 4.8 x 16 mm self-drilling, self-tapping for Ø3.3 mm
200	0 347 50	Screw cover, for isolating screws head Cat.No 0 347 45 inside the trunking
50	0 367 01	Cable retainer To clip-on the fingers

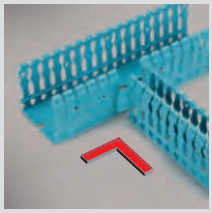


Transcab and Lina 25™ cable ducting

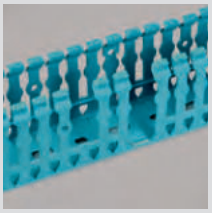
Lina 25 installation



Linear positioning



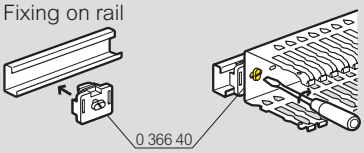
"T" junction



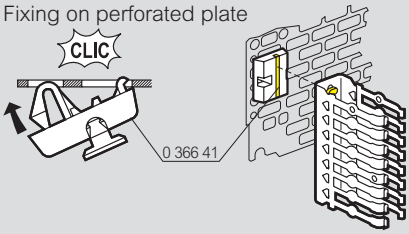
Cut at two different levels for cable ducting

Lina 25 accessories installation

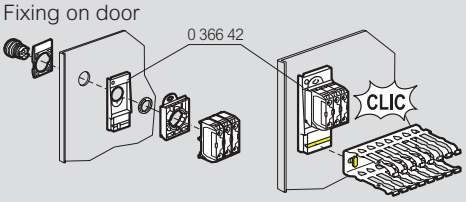
Fixing on rail



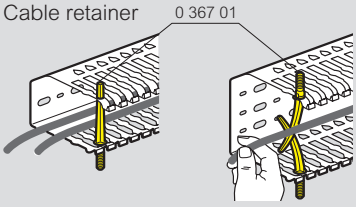
Fixing on perforated plate



Fixing on door

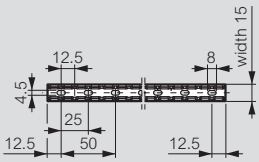


Cable retainer

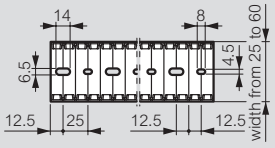


Dimensions

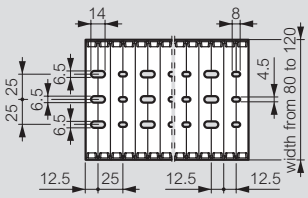
Width 15 mm (Transcab)



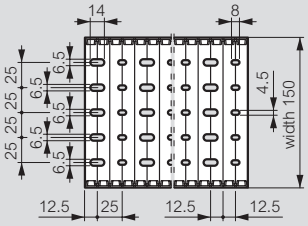
Width 25 to 60 mm (Transcab and Lina 25)



Width 80 to 120 mm (Transcab and Lina 25)



Width 150 mm (Transcab)



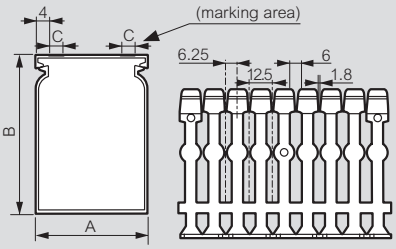
Dimensions (continued)

Transcab cable ducting

Cat.Nos	A (mm)	B (mm)
6 360 95	15	25
6 360 96	15	40
6 361 00/ 6 362 00	25	25
6 361 01/ 6 362 01	25	40
6 361 02/ 6 362 02	25	60
6 361 03	25	80
6 361 05	40	25
6 361 06/ 6 362 06	40	40
6 361 07/ 6 362 07	40	60
6 361 08/ 6 362 08	40	80
6 361 09	40	100
6 361 11	60	40
6 361 12/ 6 362 12	60	60
6 361 13/ 6 362 13	60	80
6 361 14	60	100
6 361 15	80	40
6 361 16	80	60
6 361 17/ 6 362 17	80	80
6 361 18	80	100
6 361 19	100	40
6 361 20	100	60
6 361 21	100	80
6 361 22	100	100
6 361 24	120	60
6 361 25/ 6 362 25	120	80
6 361 23	150	100

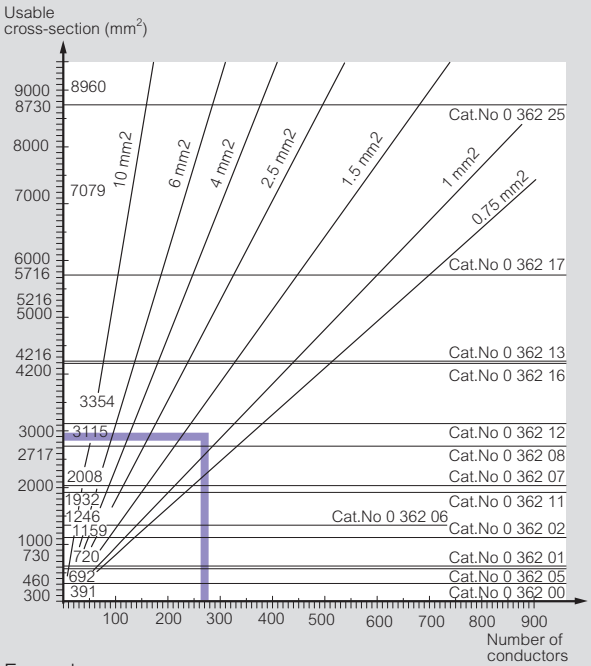
Lina 25 cable ducting

Cat.Nos	A (mm)	B (mm)	C (mm)
0 362 00	25	25	6
0 362 01	25	40	5
0 362 02	25	60	6
0 362 03	25	80	6
0 362 05	40	25	10
0 362 06	40	40	10
0 362 07	40	60	10
0 362 08	40	80	10
0 362 11	60	40	10
0 362 12	60	60	10
0 362 13	60	80	10
0 362 16	80	60	10
0 362 17	80	80	10
0 362 25	120	80	10



Calculating the ducting usable cross-section

Graph for H 05 V-K and H 07 V-K cables with 0.75 packing coefficient



Example :

150 conductors 0.75 mm² -> 1230 mm² cross-section and
120 conductors 1.5 mm² -> 1700 mm² cross-section
Makes a total of 2930 mm²
The correct cable ducting is Cat.No 0 362 12, 60 x 60, with a capacity of 3115 mm²

Norm EN 50085-2-3

Classification of Transcab and Lina 25 cable ducting

6.3 Minimum storage and transport temperature	- 25 °C
6.3 Maximum operating temperature	+ 60 °C / Halogen free range: + 90 °C
6.101 Mounting position	Vertical or horizontal

Osmoz control and signalling units: non-illuminated heads

0 238 01

0 238 02

0 238 06

0 238 21

0 239 82

0 238 82

0 238 85

Technical characteristics **p. 487**
Dimensions **p. 488-489**

Supplied with a fixing ring
IP 69, IP 69K except Cat.Nos 0 238 11/12/13 - IP 67 and Cat.Nos 0 239 80/82 - IP 66
Conform to IEC 60947-5-1

Pack	Cat.Nos	Spring return
		Flush
10	0 238 00	○ White
10	0 238 01	● Red
10	0 238 02	● Green
10	0 238 03	● Blue
10	0 238 04	● Yellow
10	0 238 06	● Black
1	0 238 08	● Red engraved "O"
1	0 238 09	● Green engraved "I"
		Flush with shroud - IP 67
5	0 238 11	● Red
5	0 238 12	● Green
5	0 238 13	● Black
		Projecting
5	0 238 21	● Red
1	0 238 22	● Green
5	0 238 26	● Black
		Mushroom head ∅40
10	0 238 34	● Red
10	0 238 35	● Green
10	0 238 36	● Black
1	0 238 37	● Yellow
		Twin touch - IP66
		Red engraved "O", green engraved "I"
5	0 239 80	Flush/Flush - Green/Red
5	0 239 82	Flush/Projecting - Green/Red
		Stay-put mushroom heads
		Push-pull emergency stop
10	0 238 72	● Red - Ø40
1	0 238 76	● Black - Ø40
		Push-pull ISO 13850 emergency stop
10	0 238 74	● Red - Ø40
1	0 238 94	● Red - Ø54
		With flag indicator "O - I"
5	0 238 95	● Red - Ø54
		With flag indicator "STOP - I"
		Push-turn emergency stop
10	0 238 80	● Red - Ø32
1	0 238 81	● Black - Ø32
10	0 238 82	● Red - Ø40
1	0 238 83	● Black - Ø40
		Push-turn ISO 13850 emergency stop
10	0 238 85	● Red - Ø40
		Emergency stop with key
10	0 238 91	● Red - Ø40
		ISO 13850 emergency stop with key
1	0 238 92	● Red - Ø40

Pack	Cat.Nos	Selector switches		Positions
		With standard handle		
1	0 239 02	● Green		
10	0 239 03	● Black		2 stay-put positions - 45°
1	0 239 04	○ Grey		
1	0 239 09	● Black		2 positions with spring-return - 45°
10	0 239 15	● Black		2 stay-put positions - 90°
1	0 239 21	● Red		
1	0 239 22	● Green		
10	0 239 23	● Black		3 stay-put positions - 45°
1	0 239 24	○ Grey		
1	0 239 26	● Black		3 positions with spring-return from left to 0 - 45°
1	0 239 27	● Black		3 positions with spring-return from right to 0 - 45°
5	0 239 28	● Black		3 positions with spring-return to 0 - 45°
1	0 239 29	● Black		3 stay-put positions - 90°

Weatherproof cabinets, **p. 416**

Osmoz control and signalling units: non-illuminated heads (continued)

0 239 32

0 239 51

Technical characteristics **p. 487**
Dimensions **p. 488-489**

Supplied with a fixing ring
IP 66, IP 69K
Conform to IEC 60947-5-1

Pack	Cat.Nos	Selector switches (continued)
		With long handle
		Black long handle
10	0 239 30	2 stay-put positions - 45°
1	0 239 31	2 positions with spring-return - 45°
1	0 239 32	2 stay-put positions - 45°
1	0 239 34	2 stay-put positions - 90°
5	0 239 40	3 stay-put positions - 45°
1	0 239 43	3 positions with spring-return to 0 - 45°
		With key
		Black button
1	0 239 50	2 stay-put positions - 45°
1	0 239 51	2 stay-put positions - 45°
1	0 239 52	2 positions with spring-return - 45°
1	0 239 53	2 stay-put positions - 90°
1	0 239 54	2 stay-put positions - 90° Key free in both positions
1	0 239 60	3 stay-put positions - 45°
1	0 239 61	3 positions with spring-return to 0 - 45°
1	0 239 63	3 stay-put positions - 90° Key free in 3 positions

Osmoz control and signalling units: illuminated heads

0 240 02

0 240 12

0 240 73

Technical characteristics **p. 487**
Dimensions **p. 488-489**

Supplied with a fixing ring
IP 66, IP 69K (except Cat.No 0 240 73 - IP 66)
Conform to IEC 60947-5-1

Pack	Cat.Nos	Spring return
		Flush
10	0 240 00	○ White
10	0 240 01	● Red
10	0 240 02	● Green
1	0 240 03	● Blue
5	0 240 04	● Yellow
		Projecting
1	0 240 11	● Red
1	0 240 12	● Green
		Twin touch
		Flush/Projecting
		Red engraved "O", green engraved "I" IP 66, become IP 67 with mounting accessory IP 67 shroud Cat.No 0 241 96 (p. 486)
5	0 240 73	● ● Green/Red

Osmoz control and signalling units: illuminated heads (continued)

RoHS COMPLIANT

0 240 33

0 240 60

0 240 82

0 241 62

0 241 64

0 246 01

0 246 02

Technical characteristics **p. 487**
Dimensions **p. 488-489**

Supplied with fixing ring
IP 66, IP 69K
Conform to IEC 60947-5-1

Selector switches

Pack	Cat.Nos		Positions
		With standard handle	
1	0 240 31	● Red	2 stay-put positions - 45°
5	0 240 32	● Green	
1	0 240 33	● Black	
1	0 240 35	● Red	2 stay-put positions - 45°
1	0 240 36	● Green	
1	0 240 37	● Black	
1	0 240 41	● Red	2 stay-put positions - 90°
5	0 240 42	● Green	
5	0 240 43	● Black	
1	0 240 51	● Red	3 stay-put positions - 45°
1	0 240 52	● Green	
1	0 240 53	● Black	
1	0 240 54	● Red	3 positions with spring-return from right to 0 - 45°
1	0 240 55	● Green	
1	0 240 56	● Black	
1	0 240 57	● Red	3 positions with spring-return to 0 - 45°
1	0 240 58	● Green	
1	0 240 59	● Black	
		With long handle IP 66	
1	0 240 60	● Black	2 stay-put positions - 45°
1	0 240 61	● Black	3 stay-put positions - 45°

Stay-put mushroom head

Pack	Cat.Nos	
		Push-pull
1	0 240 80	● Red - Emergency stop Ø40
5	0 240 82	● Red - EN 418 emergency stop Ø40
		Push-turn
1	0 240 91	● Red - Emergency stop Ø40

Pilot lights

Pack	Cat.Nos	
10	0 241 60	○ White
10	0 241 61	● Red
10	0 241 62	● Green
5	0 241 63	● Blue
5	0 241 64	● Yellow

One-piece pilot lights

To be used without electrical block

Pack	Cat.Nos	**With integrated Led**
10	0 246 00	○ White - 24 V∿/=
10	0 246 01	● Red - 24 V∿/=
10	0 246 02	● Green - 24 V∿/=
10	0 246 03	● Blue - 24 V∿/=
10	0 246 04	● Yellow - 24 V∿/=
10	0 246 05	○ White - 130 V∿
10	0 246 06	● Red - 130 V∿
10	0 246 07	● Green - 130 V∿
10	0 246 08	● Blue - 130 V∿
10	0 246 09	● Yellow - 130 V∿
10	0 246 10	○ White - 230 V∿
10	0 246 11	● Red - 230 V∿
10	0 246 12	● Green - 230 V∿
10	0 246 13	● Blue - 230 V∿
10	0 246 14	● Yellow - 230 V∿

Weatherproof cabinets, **p. 416**

Osmoz control and signalling units: block sub-assemblies

0 229 61

0 229 76

0 229 78

0 230 14

Technical characteristics **p. 487**
Dimensions **p. 488-489**

Clip and screw electrical blocks assembled
Conform to IEC 60947-5-1

Pack	Cat.Nos	For non-illuminated heads
		Screw terminals
10	0 229 61	NC + 1 position clip
10	0 229 62	NO + 1 position clip
5	0 229 65	NO/NC + 3 position clip
5	0 229 66	2 x NO/NC + 3 position clip
1	0 229 71	NC + 3 position clip
1	0 229 72	NO + 3 position clip
10	0 229 73	2 NC + 3 position clip
10	0 229 74	2 NO + 3 position clip
10	0 229 76	NO + NC + 3 position clip
1	0 229 77	2 NO + NC + 3 position clip
1	0 229 78	NO + 2 NC + 3 position clip

		For illuminated heads
		Screw terminals
		With 3 position clip
1	0 229 80	○ White - 12-24 V∿/= - 2 NO/NC
1	0 229 81	● Red - 12-24 V∿/= - 2 NO/NC
1	0 229 82	● Green - 12-24 V∿/= - 2 NO/NC
5	0 230 00	○ White - 12-24 V∿/= - NO
5	0 230 01	● Red- 12-24 V∿/= - NO
5	0 230 02	● Green- 12-24 V∿/= - NO
1	0 230 03	○ White - 12-24 V∿/= - NO + NC
1	0 230 04	● Red - 12-24 V∿/= - NO + NC
1	0 230 05	● Green - 12-24 V∿/= - NO + NC
5	0 230 06	○ White - 12-24 V∿/= - 2 NO
5	0 230 07	● Red - 12-24 V∿/= - 2 NO
5	0 230 08	● Green - 12-24 V∿/= - 2 NO
1	0 229 90	○ White - 230 V∿ - 2 NO/NC
1	0 229 91	● Red - 230 V∿ - 2 NO/NC
1	0 229 92	● Green - 230 V∿ - 2 NO/NC
5	0 230 10	○ White - 230 V∿ - NO
5	0 230 11	● Red - 230 V∿ - NO
5	0 230 12	● Green - 230 V∿ - NO
1	0 230 13	○ White - 230 V∿ - NO + NC
1	0 230 14	● Red - 230 V∿ - NO + NC
1	0 230 15	● Green - 230 V∿ - NO + NC
5	0 230 16	○ White - 230 V∿ - 2 NO
5	0 230 17	● Red - 230 V∿ - 2 NO
5	0 230 18	● Green - 230 V∿ - 2 NO

Osmoz control and signalling units: electrical blocks

0 229 01

0 229 02

0 229 42

0 229 60

0 229 64

0 229 68

Technical characteristics **p. 487**
Dimensions **p. 488-489**

IP 20
Conform to IEC 60947-5-1

Pack	Cat.Nos	For non-illuminated heads
		Contact blocks
		Screw terminals
20	0 229 01	NC
20	0 229 02	NO
10	0 229 03	NO/NC

		For illuminated heads
		Screw terminals
5	0 229 10	○ White - 12-24 V∿/=
5	0 229 11	● Red - 12-24 V∿/=
5	0 229 12	● Green - 12-24 V∿/=
5	0 229 13	● Blue - 12-24 V∿/=
5	0 229 14	● Yellow - 12-24 V∿/=
1	0 229 20	○ White - 48 V∿/=
1	0 229 21	● Red - 48 V∿/=
1	0 229 22	● Green - 48 V∿/=
1	0 229 23	● Blue - 48 V∿/=
1	0 229 24	● Yellow - 48 V∿/=
5	0 229 40	○ White - 230 V∿
5	0 229 41	● Red - 230 V∿
5	0 229 42	● Green - 230 V∿
5	0 229 43	● Blue - 230 V∿
5	0 229 44	● Yellow - 230 V∿

		Clips
		Mounting (p. 487)
20	0 229 60	1 position
20	0 229 64	3 positions
10	0 229 68	5 positions

Osmoz control and signalling units control stations to be equipped

0 242 01

0 242 02

0 242 03

0 242 41

0 242 42

0 242 72

Technical characteristics **p. 487**
Dimensions **p. 488-489**

Empty control stations to be equipped with:
- illuminated or non-illuminated heads (p. 482 to 484)
- specific blocks for control stations

Pack	Cat.Nos	Control stations (to be equipped) IP 66 - IK 07
		Possibility to mount 3 electrical blocks per hole
1	0 242 00	1 hole - grey
1	0 242 01	1 hole - yellow cover
1	0 242 02	2 holes - grey
1	0 242 03	3 holes - grey
1	0 242 04	4 holes - grey
1	0 242 05	5 holes - grey
		Specific blocks
		Contact block mounted on control station base
		Screw terminals
10	0 242 41	NC
10	0 242 42	NO
		Illuminated LED blocks
1	0 242 50	○ White - 12-24 V∿/=
1	0 242 51	● Red - 12-24 V∿/=
1	0 242 52	● Green - 12-24 V∿/=
1	0 242 53	● Blue - 12-24 V∿/=
1	0 242 54	● Yellow - 12-24 V∿/=
1	0 242 70	○ White - 230 V∿
1	0 242 71	● Red - 230 V∿
1	0 242 72	● Green - 230 V∿
1	0 242 74	● Blue - 230 V∿
1	0 242 73	● Yellow - 230 V∿

Osmoz adaptor for rail ⌙, **p. 110**

Osmoz control and signalling units accessories

0 241 81

0 241 88

0 241 85

0 243 30

0 243 15

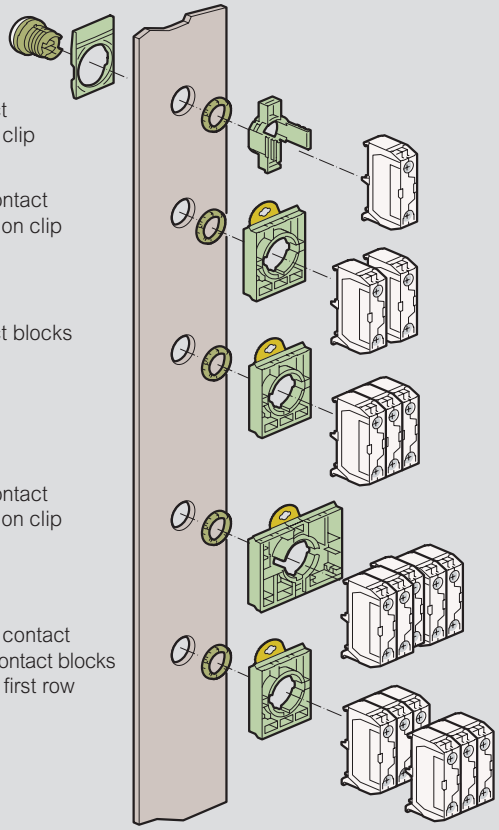
0 243 19

Pack	Cat.Nos	Mounting accessories
		IP 67 shroud
		Reinforced degree of protection: IP 67
		For spring return buttons
5	0 241 90	○ Transparent
5	0 241 91	● Red
5	0 241 92	● Green
5	0 241 93	● Black
1	0 241 96	○ Transparent for twin touch flush/projecting
1	0 241 81	Yellow - standard padlockable guard for mushroom head
		Miscellaneous
1	0 241 88	Padlockable shroud
10	0 241 87	Blanking plug - black
1	0 241 85	Fixing tool
		Legend plates
		To mount on frame
		Without engraving
10	0 243 02	● Alu - standard model
10	0 243 03	● Black - standard model
10	0 243 07	● Alu - large model
10	0 243 08	● Black - large model
		With engraving
		● Alu - standard model
10	0 243 30	"O I"
10	0 243 32	"I O II"
10	0 243 43	"MANU - AUTO"
10	0 243 44	"MANU - O - AUTO"
10	0 243 51	"START"
		Round legend plate for mushroom head
		● Yellow
10	0 241 76	Ø60 "EMERGENCY STOP" + symbol
10	0 241 79	Ø80 "EMERGENCY STOP" + symbol
		Frames
		Supplied without legend plate
		Without engraving
10	0 243 15	Round - standard model
10	0 243 16	Round - large model
10	0 243 18	Square - standard model
10	0 243 19	Round - standard model for twin touch

Osmoz control and signalling units

Mounting

Non illuminated



Head with 1 contact block on 1 position clip

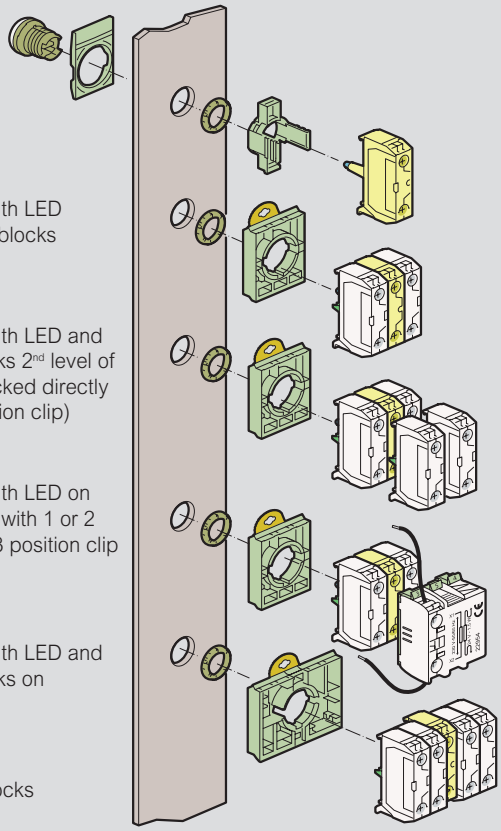
Head with 1 or 2 contact blocks on a 3 position clip

Head with 3 contact blocks on a 3 position clip

Head with 4 or 5 contact blocks on a 5 position clip

Head with 4, 5 or 6 contact blocks 2nd level of contact blocks stacked directly on first row (3 position clip)

Illuminated



Pilot light on 1 position clip

Illuminated head with LED and 1 or 2 contact blocks on 3-position clip

Illuminated head with LED and 3 or 4 contact blocks 2nd level of contact blocks stacked directly on first row (3 position clip)

Illuminated head with LED on transformer supply with 1 or 2 contact blocks on 3 position clip

Illuminated head with LED and 3 or 4 contact blocks on 5 position clip

Illuminated blocks

Technical characteristics

- Climatic resistance:
  - conform to IEC 60068-2-3 (constant humid heat)
  - conform to IEC 60068-2-30 (cyclical damp heat)
- Degree of protection conform to IEC 60529
  - IP 66 or IP 69, IP 69K for standard heads
  - IP 67 for shrouded heads
  - IP 66 for equipped control stations
  - IP 20 at the rear of the panel for contact blocks and one piece pilot lights
  - Nema 4x, 12 and 13 for heads and control stations
- Protection against mechanical shocks conform to IEC 50102:
IK 05 illuminated and non illuminated heads
IK 07 empty control station
- Protection against electrical shocks:
Class II according to IEC 60947-5-1
- Tightening torque: head nut: recommended 3 N.m
terminals: max. 1.2 N.m
cULus and Bureau Veritas approvals

Contact blocks (for non illuminated heads)

• Rated insulation voltage:
Degree of pollution 3
690 V according to IEC/EN60947 for flush block with screw terminals or spring terminals
600 V AC according to UL 508

• NC contacts:
Positive opening conform to IEC/EN 60947-5-1

• Rated impulse withstand voltage Uimp: 6kV contact blocks

• Convention therminal conform to IEC 60947-5-1current in free air conditions:
AC: 10 A
DC: 2.5 A

• Electrical performance:

- AC according to IEC 60947-5-1	- DC according to IEC 60947-5-1
AC15 - A 600	DC13 - Q 600
Ue = 120 V, Ie = 6 A	Ue = 125 V, Ie = 0.55 A
Ue = 240 V, Ie = 3 A	Ue = 250 V, Ie = 0.27 A
Ue = 380 V, Ie = 1.9 A	Ue = 400 V, Ie = 0.15 A
Ue = 480 V, Ie = 1.5 A	Ue = 500 V, Ie = 0.13 A
Ue = 500 V, Ie = 1.4 A	Ue = 500 V, Ie = 0.1 A
Ue = 500 V, Ie = 1.2 A	

- Electrical durability
1 million cycles for:
  - AC15 - B 300
Ue = 120 V, Ie = 3 A
Ue = 240 V, Ie = 1.5 A
  - DC13 - R 300
Ue = 125 V, Ie = 0.22 A
Ue = 250 V, Ie = 0.1 A

• Connection capacity (rigid or flexible wire)
without ferrule: 2 x 0.5 mm² to 2 x 2.5 mm²
with ferrule: 2 x 0.5 mm² to 2 x 1.5 mm²

LED blocks and LED pilot lights (for illuminated heads)

• Rated insulation voltage:
Degree of pollution 3
300 V according to IEC/EN60947-5-1

• Rated insulation withstand voltage Uimp:
4kV conform to IEC/EN 60947-1

• Operating voltage:
12 to 24 V AC/DC
130 V AC
230 V AC
} ± 10 %

• Frequency: 50 or 60 Hz

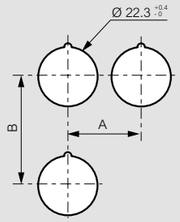
• Lifetime at rated supply voltage:
Red and yellow: 100,000 hours at 25°C
Other colours: 50,000 hours at 25°C

• Consumption of LED blocks:
Voltage:
- 24 V: 25 mA ± 20%
- 48 V: 15 mA ± 10%
- 130 V: 20 mA ± 10%
- 230 V: 16 mA ± 30%

One piece pilot light BA9S
- Rated operating voltage: 400 V conform to IEC 60947-5-1
- Rated impulse withstand voltage Uimp 4 kV conform to IEC/EN 60947-1
- Rated impulse withstand voltage Uimp: 6kV contact blocks
- Bulb rating: 2.6 W max.

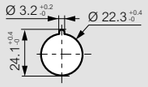
Drilling

Standard drilling (for screw terminals devices)



		Dim. (mm)	
A	=	30	With or without legend plate (usual case)
	=	33	For Ip 67 silicon shroud
	=	40	With large model legend plate
	>	40	For mushroom head Ø40
	>	45	For selector switch with long handle
	=	50	If 5 position clip
B	=	45	With or without legend plate (usual case)
	=	54	With twin touch
	=	77	With twin touch + legend plate

Drilling when using the anti-rotation ring

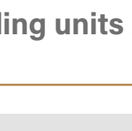


Heads

Flush heads

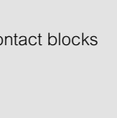
- Spring return
Non-illuminated
Cat.Nos 0 238 00/01/02/03/04/06/08/09
0 238 11/12/13
Illuminated Cat.Nos 0 240 00/01/02/03/04

(1) For Cat.Nos 0 238 11/12/13 (with shroud)



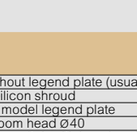
Projecting heads

- Spring return
Non-illuminated Cat.Nos 0 238 21/22/26
Illuminated Cat.Nos 0 240 11/12



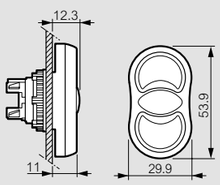
Spring-return mushroom head

Non-illuminated Cat.Nos 0 238 34/35/36/37

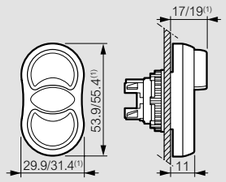


Twin touch

- Flush/flush:
Non-illuminated Cat.No 0 239 80

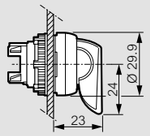


- Flush / Projecting:
Non-illuminated
Cat.Nos 0 239 82/84
Illuminated Cat.No 0 240 73

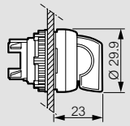


(1) 239 84

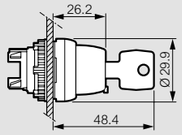
Selector switches with long handle
Non-illuminated Cat.Nos 0 239 30/31/32/34/40/43
Illuminated Cat.Nos 0 240 60/61



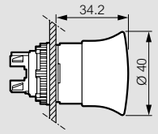
Selector switches with standard handle
Non-illuminated
Cat.Nos 0 239 01/02/03/04/09/15/21/22/23/24/26/27/28/29
Illuminated
Cat.Nos 0 240 31/32/33/35/36/37/41/42/43/51/52/53/54/55/56/57/58/59



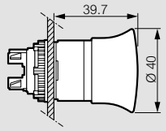
Key selector switches
Non-illuminated
Cat.Nos 0 239 50/51/52/53/54/60/61/63



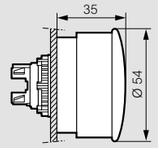
Push-pull stay-put mushroom heads
Non-illuminated
Cat.Nos 0 238 72/76
Illuminated Cat.No 0 240 80



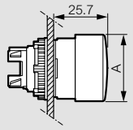
Push-pull stay-put EN 418/ISO 13850 mushroom heads
Non-illuminated
Cat.No 0 238 74
Illuminated Cat.No 0 240 82



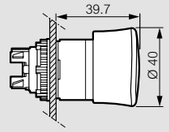
Push-pull stay-put EN 418/ISO 13850 mushroom heads Ø54
Non-illuminated
Cat.Nos 0 238 94/95



Push-turn stay-put mushroom heads
Non-illuminated
Cat.Nos 0 238 80/81 ØA = 32 mm
Cat.Nos 0 238 82/83 ØA = 40 mm

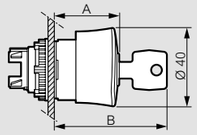


Push-turn stay-put EN 418/ISO 13850 mushroom heads
Non-illuminated
Cat.No 0 238 85
Illuminated Cat.No 0 240 91

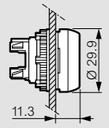


Key mushroom heads
Cat.Nos 0 238 91/92

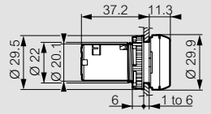
Cat.Nos	A (mm)	B (mm)
0 238 91	30.7	53.7
0 238 92	40.8	63.8



Pilot lights
Cat.Nos 0 241 60/61/62/63/64

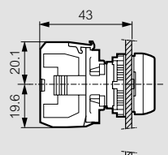


One-piece pilot lights
Cat.Nos 0 246 00/01/02/03/04
0 246 05/06/07/08/09
0 246 10/11/12/13/14

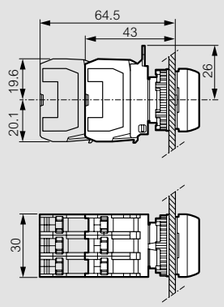


Clips and electrical blocks

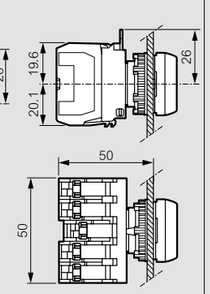
1 position



3 positions

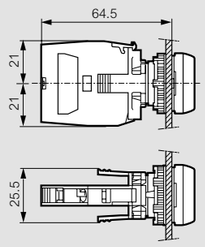


5 positions

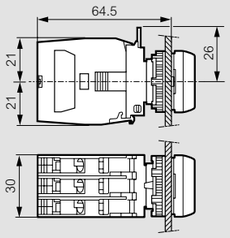


It's possible to have a 3 position clip on 1 or 2 levels

NO/NC 1 position

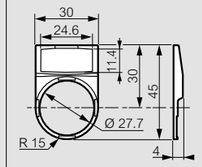


NO/NC 3 positions

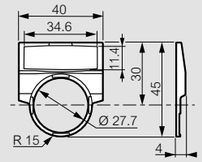


Frames

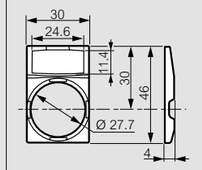
Cat.No 0 243 15



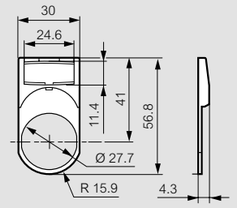
Cat.No 0 243 16



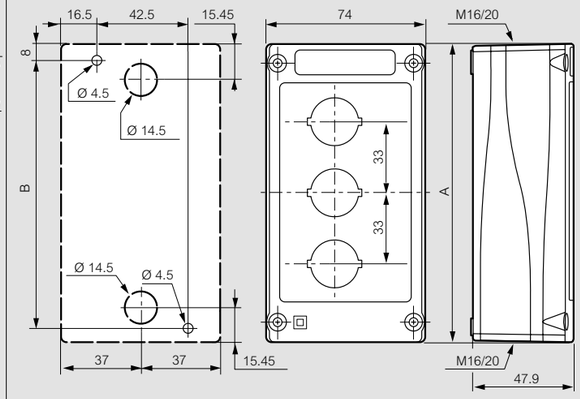
Cat.No 0 243 18



Cat.No 0 243 19



Control stations



Dim. (mm)	Number of holes				
	1	2	3	4	5
A	74	107	140	173	206
B	59.5	92.5	125.5	158.5	191.5

Cam switches insulating box

0 277 11

0 277 46

0 277 76

Technical characteristics **p. 491 to 493**
Dimensions **p. 491**

For selecting and changing the status of the circuits into which it is integrated
For viewing the state of equipment according to the position of the selector lever
Boxed device, class II. Contacts with positive opening and double breaking of poles
Presentation: black or grey/black selector lever, faceplate with marking
Conform to standards IEC EN 60947-3
IP 65 for 76 x 76 and 96 x 120 mm boxes. IP 55 for 135 x 170 mm boxes

Function: on/off switch

76 x 76 mm box

Pack	Cat.Nos	Number of poles	Range	Max. rating AC 21 (A)	Position	Number of contacts
1	0 277 10	1	PR 12	16		1
1	0 277 11	2	PR 12	16		2
1	0 277 12	3	PR 12	16		3
1	0 277 13	4	PR 12	16		4

96 x 120 mm box

Pack	Cat.Nos	Number of poles	Range	Max. rating AC 21 (A)	Position	Number of contacts
1	0 277 16	2	PR 17	20		2
1	0 277 17	3	PR 17	20		3
1	0 277 18	4	PR 17	20		4
1	0 277 21	2	PR 21	25		2
1	0 277 22	3	PR 21	25		3
1	0 277 23	4	PR 21	25		4

Function: changeover switches

Without off - 96 x 120 mm box

Pack	Cat.Nos	Number of poles	Range	Max. rating AC 21 (A)	Position	Number of contacts
1	0 277 55	3	PR 12	16		6
1	0 277 56	4	PR 12	16		8
1	0 277 58	4	PR 17	20		8
1	0 277 60	4	PR 21	25		8
1	0 277 62	4	PR 26	32		8

Without off - 135 x 170 mm box

Pack	Cat.Nos	Number of poles	Range	Max. rating AC 21 (A)	Position	Number of contacts
1	0 277 64	4	PR 40	50		8
1	0 277 66	4	PR 63	63		8

With off - 96 x 120 mm box

Pack	Cat.Nos	Number of poles	Range	Max. rating AC 21 (A)	Position	Number of contacts
1	0 277 25	1	PR 12	16		2
1	0 277 26	2	PR 12	16		4
1	0 277 27	3	PR 12	16		6
1	0 277 28	4	PR 12	16		8
1	0 277 31	2	PR 17	20		4
1	0 277 32	3	PR 17	20		6
1	0 277 33	4	PR 17	20		8
1	0 277 36	2	PR 21	25		4
1	0 277 37	3	PR 21	25		6
1	0 277 38	4	PR 21	25		8
1	0 277 41	2	PR 26	32		4
1	0 277 42	3	PR 26	32		6
1	0 277 43	4	PR 26	32		8

Function: changeover switch (continued)

With off - 135 x 170 mm box

Pack	Cat.Nos	Number of poles	Range	Max. rating AC 21 (A)	Position	Number of contacts
1	0 277 46	2	PR 40	50		4
1	0 277 47	3	PR 40	50		6
1	0 277 48	4	PR 40	50		8
1	0 277 51	2	PR 63	63		4
1	0 277 52	3	PR 63	63		6
1	0 277 53	4	PR 63	63		8

Function: 3-way switches

With off - 76 x 76 mm box

Pack	Cat.Nos	Number of poles	Range	Max. rating AC 21 (A)	Position	Number of contacts
1	0 277 67	1	PR 12	16		3

With off - 96 x 120 mm box

Pack	Cat.Nos	Number of poles	Range	Max. rating AC 21 (A)	Position	Number of contacts
1	0 277 68	1	PR 12	16		3
1	0 277 69	2	PR 12	16		6

Function: 3-phase motor switch

Forward/reverse switch, 1 speed

Pack	Cat.Nos	Range	Max. rating AC 3 (kW)	Position	Number of contacts
1	0 277 70	PR 12	4		5
1	0 277 75	PR 17	7.5		5
1	0 277 78	PR 21	7.5		5
1	0 277 81	PR 26	11		5
1	0 277 84	PR 40	18.5		5

Starter 1 way, 1 speed

Pack	Cat.Nos	Range	Max. rating AC 3 (kW)	Position	Number of contacts
1	0 277 71	PR 12	4		8
1	0 277 76	PR 17	7.5		8
1	0 277 79	PR 21	7.5		8
1	0 277 82	PR 26	11		8
1	0 277 85	PR 40	18.5		8

Starter 1 way, 2 speed Dalhander

Pack	Cat.Nos	Range	Max. rating AC 3 (kW)	Position	Number of contacts
1	0 277 72	PR 12	4		8
1	0 277 77	PR 17	7.5		8
1	0 277 80	PR 21	7.5		8
1	0 277 83	PR 26	11		8
1	0 277 73	PR 12	4		8

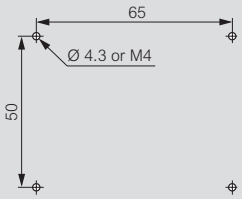
Cam switches

Electrical characteristics

		PR 12	PR 17	PR 21	PR 26	PR 40	PR 63
Thermal rating		20 A	25 A	32 A	40 A	63 A	63 A
Rated operating current (Ie) AC 21		16 A	20 A	25 A	32 A	50 A	63 A
Rated operating current (Ie) AC 15		6 A	8 A	10 A	12 A	-	-
Motor performance AC 23	**3 x 230 V**	4 kW	5.5 kW	7.5 kW	11 kW	15 kW	18.5 kW
	3 x 400 V	7.5 kW	11 kW	11 kW	11 kW	22 kW	25 kW
	3 x 500 V	5.5 kW	11 kW	11 kW	11 kW	25 kW	25 kW
	3 x 690 V	4 kW	10 kW	10 kW	11 kW	18.5 kW	22 kW
Motor performance AC 3	**3 x 230 V**	3 kW	4 kW	4 kW	5.5 kW	11 kW	15 kW
	3 x 400 V	4 kW	7.5 kW	7.5 kW	11 kW	18.5 kW	22 kW
	3 x 500 V	5.5 kW	7.5 kW	7.5 kW	11 kW	18.5 kW	22 kW
	3 x 690 V	3 kW	7.5 kW	7.5 kW	11 kW	18.5 kW	22 kW
Degree of protection	**front**	IP 40	IP 40	IP 40	IP 40	IP 40	IP 40
	back	IP 2X	IP 2X	IP 2X	IP 2X	-	-
Insulation voltage (Ui)		690 V	690 V	690 V	690 V	690 V	690 V
Max. cable cross-section	**flexible**	2.5 mm^2	4 mm^2	4 mm^2	6 mm^2	16 mm^2	16 mm^2
	rigid	4 mm^2	6 mm^2	6 mm^2	6 mm^2	16 mm^2	16 mm^2

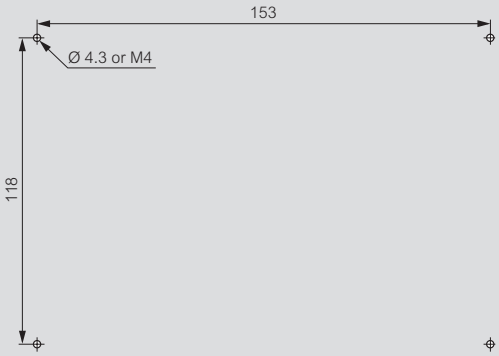
Drilling

For PR 12 - 76 x 76 mm box
2 x 2 knock-out entries PG 16



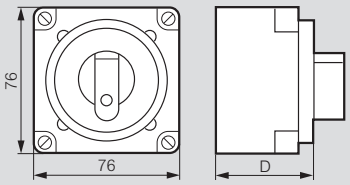
For PR 12, PR 17, PR 21 and PR 26 - 96 x 120 mm box
2 x 2 knock-out entries PG 16

For PR 40 and PR 63 - 135 x 170 mm box
6 knock-out entries PG 21
+ 4 knock-out entries PG 29

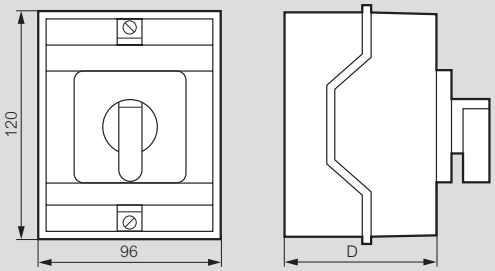


Dimensions

For PR 12 (1 to 4 contacts)



For PR 12 (1 to 9 contacts)
PR 17 and 21 (1 to 9 contacts)
PR 26 (1 to 8 contacts)



For PR 40/63 (1 to 8 contacts)

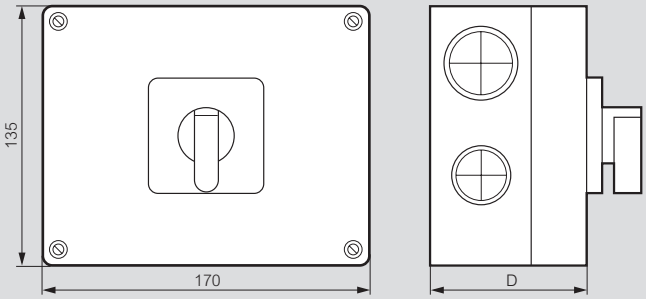
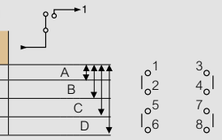


Diagram - Terminals

On/off switch

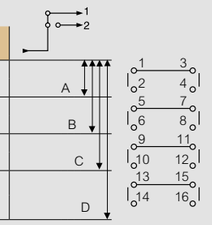


N° contacts	0	1	
1 - 2		x	A
3 - 4		x	B
5 - 6		x	C
7 - 8		x	D

	PR 12	PR 17	PR 21
A	0 277 10	-	-
B	0 277 11	0 277 16	0 277 21
C	0 277 12	0 277 17	0 277 22
D	0 277 13	0 277 18	0 277 23

Changeover switch

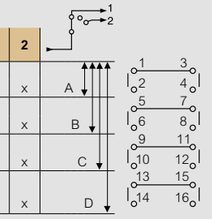
•Without "off"



N° contacts	1	2	
1 - 2	x		A
3 - 4		x	
5 - 6	x		B
7 - 8		x	
9 - 10	x		C
11 - 12		x	
13 - 14	x		D
15 - 16		x	

	PR 12	PR 17	PR 21	PR 26	PR 40	PR 63
C	0 277 55	-	-	-	-	-
D	0 277 56	0 277 58	0 277 60	0 277 62	0 277 64	0 277 66

•With "off"

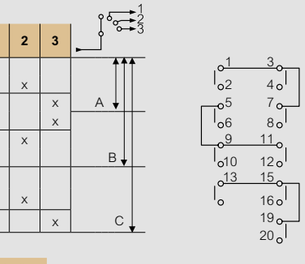


N° contacts	1	0	2	
1 - 2	x			A
3 - 4			x	
5 - 6	x			B
7 - 8			x	
9 - 10	x			C
11 - 12			x	
13 - 14	x			D
15 - 16			x	

	PR 12	PR 17	PR 21	PR 26	PR 40	PR 63
A	0 277 25	-	-	-	-	-
B	0 277 26	0 277 31	0 277 36	0 277 41	0 277 46	0 277 51
C	0 277 27	0 277 32	0 277 37	0 277 42	0 277 47	0 277 52
D	0 277 28	0 277 33	0 277 38	0 277 43	0 27748	0 277 53

3-way switch

•With "off"



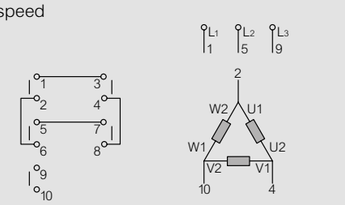
N° contacts	0	1	2	3	
1 - 2		x			A
3 - 4			x		
5 - 6				x	
7 - 8				x	
9 - 10			x		B
11 - 12		x			
13 - 14		x			
15 - 16			x		
19 - 20				x	C

	PR 12
A	0 277 67/68
B	0 277 69

Diagram - terminals (continued)

3-phase motor switch

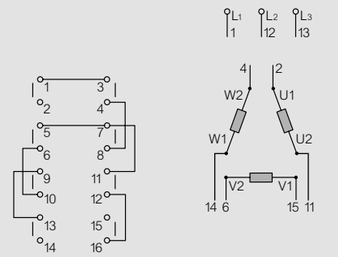
•Forward/reverse switch 1 speed



N° contacts	AR	0	AV
1 - 2	x		
3 - 4			x
5 - 6			x
7 - 8	x		
9 - 10	x		x

	PR 12	PR 17	PR 21	PR 26	PR 40	PR 63
Boxes	0 277 70	0 277 75	0 277 78	0 277 81	0 277 84	-

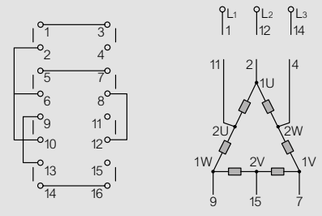
•Starter 1 way - 1 speed



N° contacts	0	Y	i
1 - 2		x	x
3 - 4			x
5 - 6	x	x	
7 - 8	x	x	
9 - 10			x
11 - 12			x
13 - 14		x	x
15 - 16		x	x

	PR 12	PR 17	PR 21	PR 26	PR 40	PR 63
Boxes	0 277 71	0 277 76	0 277 79	0 277 82	0 277 85	-

•Starter 1 way - 2 speed Dahlander
2 possible configurations: 0 - PV - GV
PV - 0 - GV

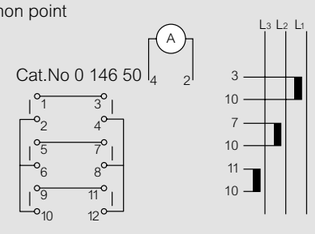


N° contacts	PV	0	GV
1 - 2	x		x
3 - 4			x
5 - 6			x
7 - 8	x		
9 - 10			x
11 - 12			x
13 - 14	x		
15 - 16			x

	PR 12	PR 17	PR 21	PR 26	PR 40
Boxes 0 - PV - GV	0 277 72	0 277 77	0 277 80	0 277 83	-
PV - 0 - GV	0 277 73	-	-	-	-

Selective measurement switches

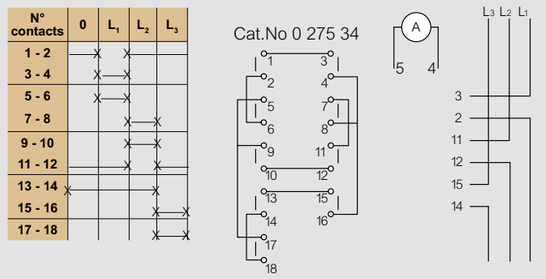
•Ammeter 3 C.T. with common point



N° contacts	0	L_1	L_2	L_3
1 - 2		X	X	
3 - 4		X	X	
5 - 6			X	X
7 - 8			X	X
9 - 10	X			X
11 - 12			X	X

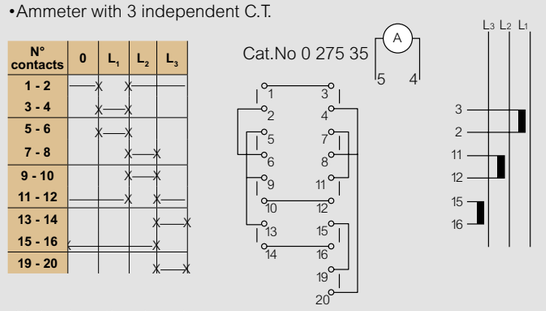
Selective measurement switches (continued)

•Ammeter without C.T.



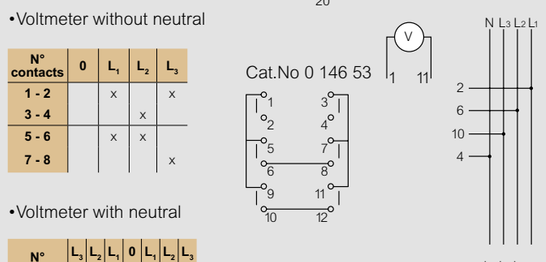
N° contacts	0	L_1	L_2	L_3
1 - 2		X	X	
3 - 4		X	X	
5 - 6		X	X	
7 - 8			X	X
9 - 10			X	X
11 - 12			X	X
13 - 14	X			X
15 - 16			X	X
17 - 18			X	X

•Ammeter with 3 independent C.T.



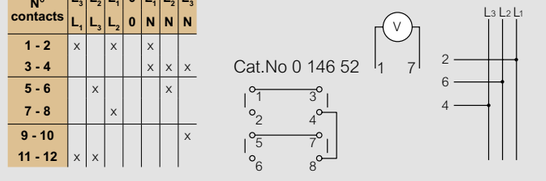
N° contacts	0	L_1	L_2	L_3
1 - 2		X	X	
3 - 4		X	X	
5 - 6		X	X	
7 - 8			X	X
9 - 10			X	X
11 - 12			X	X
13 - 14				X
15 - 16				X
19 - 20				X

•Voltmeter without neutral



N° contacts	0	L_1	L_2	L_3
1 - 2		x		x
3 - 4			x	
5 - 6		x	x	
7 - 8				x

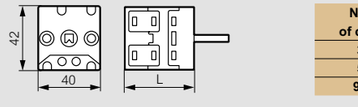
•Voltmeter with neutral



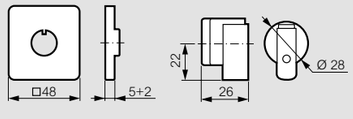
N° contacts	L_3 L_1	L_2 L_3	L_1 L_2	0 0	L_1 N	L_2 N	L_3 N
1 - 2	x		x		x		
3 - 4					x	x	x
5 - 6		x				x	
7 - 8			x				
9 - 10							x
11 - 12	x	x					

Dimensions

PR 12



Number of contacts	L Screw fixing
3 to 4	46
5 to 6	56
9 to 10	76



0 275 35

For selecting and changing the status of the circuits into which it is integrated
For viewing the state of equipment according to the position of the selector lever
Mounting on enclosure doors
Contacts with positive opening and double breaking of poles
Presentation: grey/black selector lever - aluminium faceplate with marking
Conform to standards IEC EN 60947-3
Approved to UL-CSA (USA - Canada)
IP 40 at front of enclosure (selector lever)
IP 2X at back of enclosure up to PR 26

Function: selective measurement switches

Ammeters

1 network, 3-wire, 1 ammeter

Pack	Cat.Nos	Range	Max. rating AC 21 (A)	Position	Number of contacts	Function
1	0 146 50	PR 12	16		6	3 C.T. with common point
1	0 275 34	PR 12	16		9	without C.T.
1	0 275 35	PR 12	16		9	3 independant C.T.

Voltmeters

3-phase network, 1 voltmeter

Pack	Cat.Nos	Range	Max. rating AC 21 (A)	Position	Number of contacts	Function
1	0 146 52	PR 12	16		4	without neutral
1	0 146 53	PR 12	16		6	with neutral

Control, safety and circuit isolation transformers

single-phase

0 442 14

0 442 68

0 442 71

Technical characteristics **p. 497-498**
Protection **p. 502 to 504**

IP 2X or XXB up to 400 V~ (coupling strip not mounted) - IP XXA over 400 V~ - IK 04
Conform to IEC EN 61558-2-2 and 2-4 or 2-6, UL5085 and CSA C22-2-No 66
UL USA and Canada agreements. Products suitable for building equipment conforming to standards EN 61131-2, EN 60204-1 and EN 60439-1
Active parts protected by cover up to 1000 V~. Interference filtering (except Cat.Nos 0 442 16/17/18)
Direct fixing possibility on symmetrical rail ⊔ up to 250 V~. Supplied with coupling strip 0 V secondary / earth up to 1000 V~ (except spring connection range)

Control and safety - screw connection

Input voltage = 230 V-400 V ± 15 V~
Output voltage = 24 V~

Pack	Cat.Nos	Power in V~ according to IEC and CSA	Power in V~ according to UL	Instantaneous admissible power at cos φ = 0.5
1	0 442 11	40	40	50
1	0 442 12	63	63	88
1	0 442 13	100	100	170
1	0 442 14	160	140	250
1	0 442 15	250	210	420
1	0 442 16	400	300	850
1	0 442 17	630	500	1000
1	0 442 18	1000	700	2000

Input voltage = 460 V ± 20 V~
Output voltage = 24 V~

Pack	Cat.Nos	Power in V~ according to IEC and CSA	Power in V~ according to UL	Instantaneous admissible power at cos φ = 0.5
1	0 442 41	40	40	55
1	0 442 42	63	63	90
1	0 442 43	100	100	150
1	0 442 44	160	140	270
1	0 442 45	250	210	420
1	0 442 46	400	300	870
1	0 442 47	630	450	1000
1	0 442 48	1000	700	2000
1	0 442 49	1600	700	9100
1	0 442 50	2500	1400	3300

Input voltage = 230-400 V ± 15 V~
Output voltage = 24-48 V~
Supplied with 2 coupling strips

Pack	Cat.Nos	Power in V~ according to IEC and CSA	Power in V~ according to UL	Instantaneous admissible power at cos φ = 0.5
1	0 442 31	40	40	52
1	0 442 32	63	63	87
1	0 442 33	100	100	150
1	0 442 34	160	140	250
1	0 442 35	250	210	420
1	0 442 36	400	300	700
1	0 442 37	630	500	1000
1	0 442 38	1000	700	2000
1	0 442 39	1600	700	8500
1	0 442 40	2500	1400	4700

24 V~ 48 V~

Control and safety - spring connection

Input voltage = 230-400 V ± 15 V~
Output voltage = 24 V~

Pack	Cat.Nos	Power in V~ according to IEC and CSA	Power in V~ according to UL	Instantaneous admissible power at cos φ= 0.5
1	0 442 01	40	40	50
1	0 442 02	63	63	88
1	0 442 03	100	100	170
1	0 442 04	160	140	250
1	0 442 05	250	210	420
1	0 442 06	400	300	850

Control and circuit isolation- screw connection

Input voltage = 230-400 V ± 15 V~
Output voltage = 115-230 V~
Supplied with 2 coupling strips

Pack	Cat.Nos	Power in V~ according to IEC and CSA	Power in V~ according to UL	Instantaneous admissible power at cos φ= 0.5
1	0 442 61	40	40	50
1	0 442 62	63	63	86
1	0 442 63	100	100	150
1	0 442 64	160	140	250
1	0 442 65	250	210	430
1	0 442 66	400	300	1220
1	0 442 67	630	500	1300
1	0 442 68	1000	700	2000
1	0 442 69	1600	700	6100
1	0 442 70	2500	1300	5600
1	0 442 71	4000	2400	11400
1	0 442 72	5000	3300	17500
1	0 442 73	6300	3700	10900
1	0 442 74	8000	4500	12500

Input voltage = 460 V ± 20 V~
Output voltage = 115-230 V~
Supplied with 2 coupling strips

Pack	Cat.Nos	Power in V~ according to IEC and CSA	Power in V~ according to UL	Instantaneous admissible power at cos φ= 0.5
1	0 442 81	40	40	53
1	0 442 82	63	63	92
1	0 442 83	100	100	150
1	0 442 84	160	140	250
1	0 442 85	250	210	430
1	0 442 86	400	300	1220
1	0 442 87	630	500	1300
1	0 442 88	1000	700	2000
1	0 442 89	1600	700	6100
1	0 442 90	2500	1300	5600
1	0 442 91	4000	2400	11400

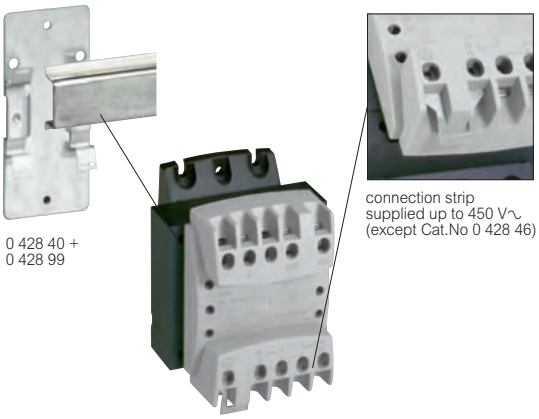
Control and circuit isolation - spring connection

Input voltage = 230-400 V ± 15 V~
Output voltage = 230 V~

Pack	Cat.Nos	Power in V~ according to IEC and CSA	Power in V~ according to UL	Instantaneous admissible power at cos φ= 0.5
1	0 442 51	40	40	50
1	0 442 52	63	63	86
1	0 442 53	100	100	150
1	0 442 54	160	140	250
1	0 442 55	250	210	360
1	0 442 56	400	300	1100

Equipment transformers

single-phase



0 428 41 supplied with connection strip

0 427 92

Technical characteristics **p. 499**
Protection **p. 502 to 504**

IP 2X or XXB up to 450 V~ - up to 310 V~ in 12-24 V - (coupling strip not mounted) - IK 04
Clip on fixing possibility up to 160 V~ with accessories Cat.No 0 044 16 or 0 428 99
Transformers with 2 secondary voltage supplied with coupling strip
Transformers up to 450 V~ supplied with isolated strip for 0 V connection secondary / earth (except Cat.No 0 428 46)
Conform to IEC EN 61558-2-6 for 12 V, 24 V and 48 V and conform to IEC EN 61558-2-4 for 115 V and 230 V
Products suitable for building equipment conforming to standards EN 61131-2, EN 60204-1 and EN 61439-1

Safety

Input voltage = 230-400 V~
Output voltage = 12-24 V~

Pack	Cat.Nos	Power (V~)	Primary terminal flexible cable (mm²)	Secondary terminal flexible cable (mm²)
1	0 428 40	40	1 to 4	1 to 4
1	0 428 41	63	1 to 4	1 to 4
1	0 428 42	100	1 to 4	1 to 4
1	0 428 43	160	1 to 4	1 to 4
1	0 428 44	220	1 to 4	1 to 4
1	0 428 45	310	1 to 4	1 to 4
1	0 428 46	450	1 to 4	1 to 16
1	0 428 47	630	1 to 4	1 to 16
1	0 428 49	1000	0.25 to 6	4 to 35

Input voltage = 230-400 V~
Output voltage = 24 V~

Pack	Cat.Nos	Power (V~)	Primary terminal flexible cable (mm²)	Secondary terminal flexible cable (mm²)
1	0 428 55	40	1 to 4	1 to 4
1	0 428 56	63	1 to 4	1 to 4
1	0 428 57	100	1 to 4	1 to 4
1	0 428 58	160	1 to 4	1 to 4
1	0 428 59	220	1 to 4	1 to 4
1	0 428 60	310	1 to 4	1 to 4
1	0 428 61	450	1 to 4	1 to 4
1	0 428 62	630	1 to 4	1 to 16

Input voltage = 230-400 V~
Output voltage = 24-48 V~

Pack	Cat.Nos	Power (V~)	Primary terminal flexible cable (mm²)	Secondary terminal flexible cable (mm²)
1	0 428 70	40	1 to 4	1 to 4
1	0 428 71	63	1 to 4	1 to 4
1	0 428 72	100	1 to 4	1 to 4
1	0 428 73	160	1 to 4	1 to 4
1	0 428 74	220	1 to 4	1 to 4
1	0 428 75	310	1 to 4	1 to 4
1	0 428 76	450	1 to 4	1 to 4
1	0 428 77	630	1 to 4	1 to 16

Circuits isolation

Input voltage = 230-400 V~
Output voltage = 115-230 V~

Pack	Cat.Nos	Power (V~)	Primary terminal flexible cable (mm²)	Secondary terminal flexible cable (mm²)
1	0 427 85	40	1 to 4	1 to 4
1	0 427 86	63	1 to 4	1 to 4
1	0 427 87	100	1 to 4	1 to 4
1	0 427 88	160	1 to 4	1 to 4
1	0 427 89	220	1 to 4	1 to 4
1	0 427 90	310	1 to 4	1 to 4
1	0 427 91	450	1 to 4	1 to 4
1	0 427 92	630	1 to 4	1 to 4

Accessories

Pack	Cat.Nos	
		For clip on rail (90° mounting) of transformers up to 160 V~ with 2 claws
5	0 428 99	Plate
10	0 044 16	Claw witdh 10 mm Threaded hole For M4 screw

Isolating transformers for hospitals (IEC 61558-2-15), **p. 1214**

Transformers and auto-transformers IP 55 - class II

single-phase

0 427 23

0 425 14

0 422 82

Technical characteristics **p. 500**
Protection **p. 502 to 504**

Safety transformers

Conform to standard IEC EN 61558-2-6
For 63 V~ transformers:
• Fuse cartridges: 5 x 20 time-delayed
• Fuse carrier: Cat.No 0 371 81
For 100 V~ and greater transformers:
• Up to 25 A : gG 10 x 38 fuse cartridges and fuse carrier Cat. No. 0 058 08
• From 25 A to 50 A : gG 14 x 51 fuse cartridges and fuse carrier Cat.No 0 215 01
• From 50 A upwards : gG 22 x 58 fuse cartridges and fuse carrier Cat.No 0 216 01
• C curve MCBs

Input voltage = 230-400 V~
Output voltage = 24-48 V~

Pack	Cat.Nos	Power (V~)	Primary terminal flexible cable (mm²)	Secondary terminal flexible cable cross-section (mm²)
1	0 427 20[1]	63	4	4
1	0 427 21[1]	100	4	4
1	0 427 22[1]	160	4	4
1	0 427 23[1]	250	4	4
1	0 427 24[1]	400	4	16
1	0 427 25[1]	630	4	16
1	0 427 26[1]	1000	4	16

Input voltage = 230 V~
Output voltage = 12 V~

Pack	Cat.Nos			
1	0 427 60[1]	63	4	4
1	0 427 61[1]	100	4	4
1	0 427 62[1]	160	4	4
1	0 427 63[1]	250	4	4
1	0 427 64[1]	400	4	16
1	0 427 65[1]	630	4	16

Circuit isolation transformers

Conform to standard IEC EN 61558-2-4

Input voltage = 230-400 V~
Output voltage = 115-230 V~

Pack	Cat.Nos	Power (V~)	Primary terminal flexible cable (mm²)	Secondary terminal flexible cable cross-section (mm²)
1	0 425 10[1]	63	4	4
1	0 425 11[1]	100	4	4
1	0 425 12[1]	160	4	4
1	0 425 13[1]	250	4	4
1	0 425 14[1]	400	4	16
1	0 425 15[1]	630	4	16
1	0 425 16[1]	1000	4	16

Auto-transformers

Single phase - protected

400-230 V~ or 230-400 V~ by reversibility
Conform to standard IEC 61558-2-13

Pack	Cat.Nos	Power (kV~)	Terminal: primary flexible cable (mm²)	Terminal: secondary flexible cable (mm²)
1	0 422 82[1]	0.25	4	4
1	0 422 84[1]	0.5	4	4
1	0 422 85[1]	0.75	4	4
1	0 422 86[1]	1	4	4
1	0 422 87[1]	1.5	16	16
1	0 422 88[1]	2	16	16

1: Available until stock lasts

Control, safety and circuit isolation transformers

single-phase

Dimensions

Fig. 1: 40 to 400 V~

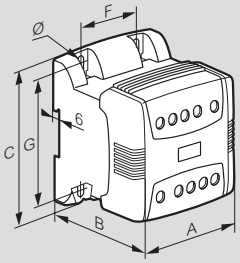


Fig. 2: 630-1000 V~

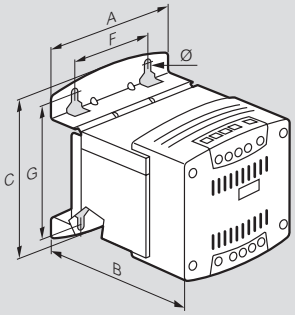


Fig. 3: 1600-2500 V~

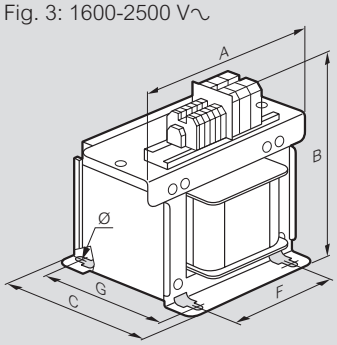
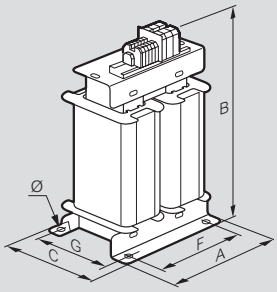


Fig. 4: 4000 to 8000 V~



Cat.Nos	Power (V~)	Fig.	Dimensions (mm)			Fixing(1)			Weight (Kg)
			A	B	C	F	G	ø	
0 442 01/51	40	1	95	94	113	50	100	5.2	1.45
0 442 02/52	63	1	95	101	113	50	100	5.2	1.75
0 442 03/53	100	1	95	111	113	50	100	5.2	2.15
0 442 04/54	160	1	95	128	113	50	100	5.2	2.35
0 442 05/55	250	1	107	139	115	50	100	5.2	4
0 442 06/56	400	1	121	156	140	62.5	125	5.2	5.8
0 442 11/31/41/61/81	40	1	94	78	113	50	100	5.2	1.23
0 442 12/32/42/62/82	63	1	94	85	113	50	100	5.2	1.56
0 442 13/33/43/63/83	100	1	94	94	113	50	100	5.2	1.95
0 442 14/34/44/64/84	160	1	94	112	113	50	100	5.2	2.6
0 442 15/35/45/65/85	250	1	106	123	115	50	100	5.2	3.82
0 442 16/36/46/66/86	400	1	120	140	140	62.5	125	5.2	5.62
0 442 17/37/47/67/87	630	2	132	155	175	75	150	5.5	8
0 442 18/38/48/68/88	1000	2	150	199	206	100	175	7	14.9
0 442 39/49/69/89	1600	3	200	245	195	150	160	9	25.6
0 442 40/50/70/90	2500	3	260	292	171	200	120	9	33.1
0 442 71/91	4000	4	230	340	170	180	130	11	31
0 442 72	5000	4	240	390	170	180	130	11	40
0 442 73	6300	4	240	390	170	180	130	11	45
0 442 74	8000	4	240	390	220	180	140	11	64

1: Direct fixing possibility on symmetrical rail ⎓ up to 250 V~

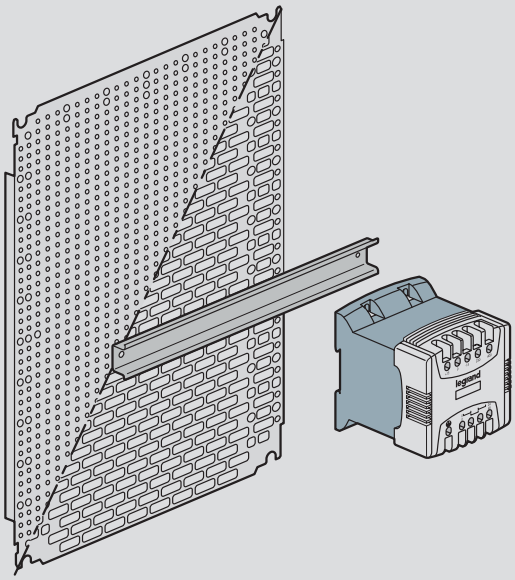
Associated protection

Nominal power (V~) acc. to IEC and CSA	24 V		48 V		115 V		230 V	
	Rating	MCBs Cat.Nos	Rating	MCBs Cat.Nos	Rating	MCBs Cat.Nos	Rating	MCBs Cat.Nos
40	2	T2AL(1)	1	T1AL(1)	0 4	T0.4AL(1)	0.2	T0.2AL(1)
63	3.15	T3.15AL(1)	1.6	T1.6AL(1)	0.63	T0.63AL(1)	0.315	T0.315AL(1)
100	4	4 076 95	2	4 076 93	1	4 076 92	0,5	4 076 91
160	8	4 076 97	4	4 076 95	2	4 076 93	1	4 076 92
250	10	4 076 98	6	4 076 96	2	4 076 93	1	4 076 92
400	16	4 077 00	8	4 076 97	4	4 076 95	2	4 076 93
630	25	4 077 02	13	4 076 99	6	4 076 96	3	4 076 94
1000	40	4 077 04	20	4 077 01	8	4 076 97	4	4 076 95
1600	63	4 077 90	32	4 077 03	13	4 076 99	8	4 076 97
2500	100	4 092 29	50	4 077 89	20	4 077 01	10	4 076 98
4000					32	4 077 03	16	4 077 00
5000					40	4 077 04	20	4 077 01
6300					50	4 077 89	25	4 077 02
8000					63	4 077 90	32	4 077 03

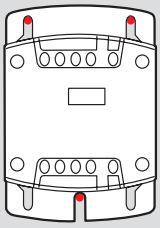
1: Fuse IEC 127 (5x20 T type cartridge fuse) - T: Time - lag fuse - L: Low breaking capacity

Fixing

On perforated plates Lina 25 and on Lina 12.5 plates
On symmetrical rail ⎓ up to 250 V~
fixing centres pitch 25 mm up to 1000 V~



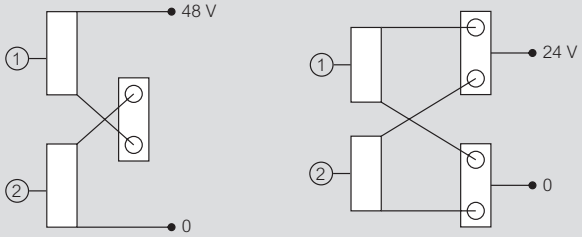
Attachment at 3 points possible with through oblong on the secondary side



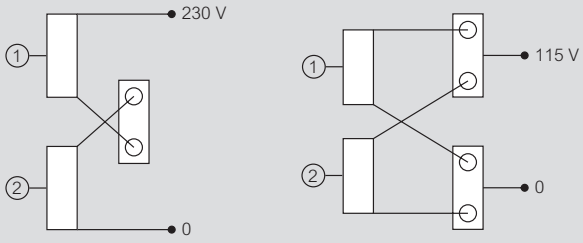
Adjustment of the output voltage on double output voltage range

Assembly of insulating coupling strip

Output voltage 24-48V



Output voltage 115-230V



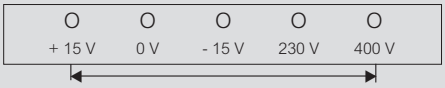
① : wiring 1
② : wiring 2

Control, safety and circuit isolation transformers (continued)

single-phase

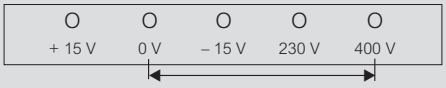
Characteristics

Single - phase 50-60 Hz - class I
Insulation voltage between windings: 4 510 V
Max. ambiant operating temperature without derating: 50 °C
Use of adjustment taps



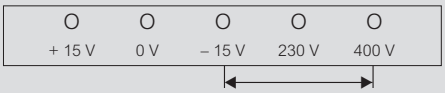
IConnected to mains supply (U1) between terminals + 15 V and 230 or 400 V

1) If $U_1 > 230$ or 400 V
2) If $I_2 < I_{2n}$ (if load is lower than rated load, the secondary voltage must be reduced)



Connected to mains supply (U1) between terminals 0 V and 230 or 400 V

If $U_1 = 230$ or 400 V with a load $I_2 = I_{2n}$



Connected to mains supply (U1) between terminals - 15 V and 230 or 400 V

If $U_1 < 230$ or 400 V with a load $I_2 = I_{2n}$

Transformer sizing

P inrush = 0.8 (Σ Pm + Σ Pr + Pa)
Σ Pm = Sum of all contactors holding powers
Σ Pr = Sum of all indicators light powers
Pa = Inrush power of the largest contactor

Cat.Nos	Power (V~)	Admissible instantaneous power (V~) at cos φ of:									No-load loss (W)	Loss at rated voltage[1] (W)	Voltage drop (%) with cos φ of:			Efficiency (%) with cos φ of:			Ucc (%)	Connection			
		0.2	0.3	0.4	0.5	0.6	0.7	0.8	0.9	1			0.3	0.6	1	0.3	0.6	1		Primary cable (mm²)		Secondary cable (mm²)	
																				flexible	rigid	flexible	rigid
Control and safety: Primary 230 V - Secondary 24 V																							
0 442 01/11	40	62	57	53	50	48	47	46	47	58	3.9	7.5	8.9	10.8	8.9	62	76	84	10.3	1 to 4	1 to 4	1 to 4	1 to 4
0 442 02/12	63	110	100	94	88	83	80	78	78	91	6.0	14.3	7.6	9.5	8.6	57	73	81	9.1	1 to 4	1 to 4	1 to 4	1 to 4
0 442 03/13	100	230	210	180	170	150	140	140	130	150	8.2	17.9	6.3	8.6	9.2	63	77	85	8.5	1 to 4	1 to 4	1 to 4	1 to 4
0 442 04/14	160	340	300	270	250	230	220	210	210	230	11.2	25.0	5.9	7.8	7.9	66	79	86	7.4	1 to 4	1 to 4	1 to 4	1 to 4
0 442 05/15	250	550	490	450	420	400	380	370	370	430	14.9	31.6	5.2	6.6	6.2	70	83	89	6.1	1 to 4	1 to 4	1 to 4	1 to 4
0 442 06/16	400	1600	1200	1000	850	740	650	590	540	510	18.3	46.3	2.2	3.8	5.6	72	84	90	4.2	1 to 4	1 to 4	1 to 4	1 to 4
0 442 17	630	2200	1700	1400	1000	960	910	820	760	720	25.5	58	2.3	4.0	4.7	70	82	89	3.8	1 to 4	1 to 4	1 to 10	1 to 10
0 442 18	1000	3400	2800	2300	2000	1800	1600	1500	1400	1300	44.2	73.9	1.3	2.1	2.8	80	89	93	2.3	1 to 16	1 to 16	1 to 16	1 to 16
Control and safety: Primary 460 V - Secondary 24 V																							
0 442 41	40	69	63	58	55	52	50	49	49	58	3.9	7.5	8.1	10.0	8.8	61.6	76.3	84.3	9.7	1 to 4	1 to 4	1 to 4	1 to 4
0 442 42	63	120	110	98	90	85	81	78	78	89	6	11.7	7.0	9.0	8.6	61.8	76.4	84.4	8.8	1 to 4	1 to 4	1 to 4	1 to 4
0 442 43	100	210	180	170	150	140	140	130	130	150	8.2	17.8	7.1	9.2	9.2	62.7	77.1	84.9	8.9	1 to 4	1 to 4	1 to 4	1 to 4
0 442 44	160	390	340	300	270	250	230	220	220	230	11.2	24.8	5.3	7.2	7.8	65.9	79.4	86.6	7.0	1 to 4	1 to 4	1 to 4	1 to 4
0 442 45	250	540	490	450	420	400	380	370	370	440	14.9	31.2	5.2	6.6	6.0	70.6	82.8	88.9	6.0	1 to 4	1 to 4	1 to 4	1 to 4
0 442 46	400	1900	1400	1200	980	800	800	700	600	600	18.3	45.4	2.1	3.6	5.4	72.6	84.1	89.8	4.1	1 to 4	1 to 4	1 to 4	1 to 4
0 442 47	630	2200	1700	1400	1000	1000	900	800	800	700	25.5	58	2.3	4.0	4.7	70.0	82.4	88.6	3.8	1 to 4	1 to 4	1 to 10	1 to 10
0 442 48	1000	3400	2800	2300	2000	1800	1600	1500	1400	1300	44.2	73.6	1.3	2.1	2.8	80.3	89.1	93.1	2.3	1 to 16	1 to 16	1 to 16	1 to 16
0 442 49	1600	14300	12000	10300	9100	8200	7500	7000	6600	6800	65.5	93.7	1.0	1.5	1.9	83.7	91.1	94.5	1.6	2.5 to 10	1.5 to 16	4 to 16	1.5 to 25
0 442 50	2500	4300	3900	3600	3300	3100	3000	2900	2900	3400	86.5	141.0	1.8	2.2	2.0	84.2	91.4	94.7	1.9	4 to 16	1.5 to 25	4 to 35	2.5 to 50
Control and safety: Primary 230-400 V - Secondary 24-48 V																							
0 442 31	40	63	58	55	52	50	48	48	49	60	3.9	7.3	8.7	10.5	8.5	62	77	84	10.0	1 to 4	1 to 4	1 to 4	1 to 4
0 442 32	63	110	102	94	87	83	79	77	78	91	6.0	14.2	7.5	9.4	8.5	57	73	82	9.0	1 to 4	1 to 4	1 to 4	1 to 4
0 442 33	100	200	180	160	150	140	130	130	130	150	8.2	15.1	7.3	9.3	8.9	66	80	87	8.9	1 to 4	1 to 4	1 to 4	1 to 4
0 442 34	160	340	300	270	250	230	220	210	210	230	11.2	24.6	5.8	7.6	7.7	66	80	87	7.2	1 to 4	1 to 4	1 to 4	1 to 4
0 442 35	250	550	490	450	420	400	380	370	370	430	14.9	31.4	5.2	6.6	6.2	70	83	89	6.1	1 to 4	1 to 4	1 to 4	1 to 4
0 442 36	400	1400	1000	800	700	600	500	500	400	400	18.3	46.3	2.1	3.7	5.6	72	84	90	4.2	1 to 4	1 to 4	1 to 4	1 to 4
0 442 37	630	2200	1700	1400	1000	960	910	820	760	720	25.5	58	2.3	4.0	4.7	70	82	89	3.8	1 to 4	1 to 4	1 to 10	1 to 10
0 442 38	1000	3400	2800	2300	2000	1800	1600	1500	1400	1300	44.2	74.4	1.3	1.9	2.9	80	89	93	2.4	1 to 16	1 to 16	1 to 16	1 to 16
0 442 39	1600	12800	10900	9500	8500	7700	7100	6700	6400	6600	65.5	94.7	1.1	1.6	1.9	84	91	94	1.7	2.5 to 10	1.5 to 16	4 to 16	1.5 to 25
0 442 40	2500	7900	6700	5900	5200	4700	4300	4100	3900	4000	86.5	143.4	1.8	2.2	2.0	84	91	95	1.9	4 to 16	1.5 to 25	4 to 35	2.5 to 50
Control and circuit isolation: Primary 230-400 V - Secondary 115-230 V																							
0 442 51/61	40	62	57	53	50	48	47	46	47	57	3.9	7.4	8.7	10.5	8.8	62	76	84	10.1	1 to 4	1 to 4	1 to 4	1 to 4
0 442 52/62	63	110	100	93	86	82	78	76	76	90	6.0	11.8	7.6	9.6	8.9	62	76	84	9.2	1 to 4	1 to 4	1 to 4	1 to 4
0 442 53/63	100	200	180	160	150	140	140	130	130	150	8.2	17.3	7.2	9.2	8.6	63	78	85	8.7	1 to 4	1 to 4	1 to 4	1 to 4
0 442 54/64	160	330	300	270	250	240	230	220	220	250	11.2	23.4	5.8	7.4	7.1	67	80	87	6.9	1 to 4	1 to 4	1 to 4	1 to 4
0 442 55/65	250	470	420	390	360	340	320	310	310	360	14.9	31.7	5.2	6.6	6.2	70	83	89	6.1	1 to 4	1 to 4	1 to 4	1 to 4
0 442 56/66	400	2000	1600	1300	1100	900	840	760	700	660	18.3	43.9	2.1	3.6	5.2	73	85	90	4.1	1 to 4	1 to 4	1 to 4	1 to 4
0 442 67	630	2300	1800	1500	1300	1100	1000	910	840	810	25.5	75.7	2.1	3.5	4.6	71	83	89	3.4	1 to 4	1 to 4	1 to 4	1 to 4
0 442 68	1000	3400	2800	2300	2000	1800	1600	1500	1400	1300	44.2	73.6	1.3	2.0	2.7	80	89	93	2.2	1 to 16	1 to 16	1 to 16	1 to 16
0 442 69	1600	8700	7500	6600	6100	5400	5000	4700	4500	4700	65.5	95.3	1.1	1.5	1.8	83	91	94	1.5	2.5 to 10	1.5 to 16	2.5 to 10	1.5 to 16
0 442 70	2500	9200	8300	7600	7100	6700	6300	6200	6100	7100	86.5	150.1	1.8	2.3	2.2	83	91	94	2.0	4 to 16	1.5 to 25	4 to 16	1.5 to 25
0 442 71	4000	16500	14300	12700	11400	10500	9800	9200	8900	9500	87.4	234.8	2.1	2.9	3.3	84	91	94	2.7	4 to 16	1.5 to 25	4 to 16	1.5 to 25
0 442 72	5000	28500	23400	19900	17500	15600	14200	13100	12300	12300	120.0	279.0	1.5	2.3	2.9	84	91	95	2.3	4 to 16	1.5 to 25	4 to 16	1.5 to 25
0 442 73	6300	17200	14500	12500	10900	10000	9200	8600	8100	8300	120.0	406.0	2.8	4.1	4.8	78	88	92	3.9	4 to 16	1.5 to 25	4 to 16	1.5 to 25
0 442 74	8000	19800	16600	14400	12500	11500	10600	9800	9300	9600	195.0	477.0	1.7	2.7	3.7	87	93	96	2.9	4 to 16	1.5 to 25	4 to 16	1.5 to 25
Control and circuit isolation: Primary 460 V - Secondary 115-230 V																							
0 442 81	40	67	61	57	53	51	49	48	49	58	3.9	7.4	8.2	10.0	8.7	61.8	76.4	84.4	9.7	1 to 4	1 to 4	1 to 4	1 to 4
0 442 82	63	120	110	99	92	86	82	79	78	90	6	11.8	7.0	9.1	8.8	61.7	76.3	84.3	8.9	1 to 4	1 to 4	1 to 4	1 to 4
0 442 83	100	190	180	160	150	140	140	130	130	150	8.2	17.2	7.3	9.3	8.6	63.6	77.7	85.3	8.7	1 to 4	1 to 4	1 to 4	1 to 4
0 442 84	160	330	300	270	250	240	230	220	220	260	11.2	23.2	5.9	7.4	6.9	67.4	80.5	87.3	6.9	1 to 4	1 to 4	1 to 4	1 to 4
0 442 85	250	590	530	480	450	420	400	390	390	440	15	31.2	5.0	6.4	6.1	70.6	82.8	88.9	5.9	1 to 4	1 to 4	1 to 4	1 to 4
0 442 86	400	2500	1900	1600	1300	1100	1020	920	840	810	18.3	42.4	2.0	3.3	4.8	73.9	85.0	90.4	3.8	1 to 4	1 to 4	1 to 4	1 to 4
0 442 87	630	2300	1800	1500	1300	1100	1000	900	800	800	25.5	75.7	2.1	3.5	4.6	71.4	83.3	89.3	3.4	1 to 4	1 to 4	1 to 4	1 to 4
0 442 88	1000	3400	2800	2300	2000	1800	1600	1500	1400	1300	44.2	72.4	1.2	1.9	2.7	80.6	89.2	93.3	2.2	1 to 16	1 to 16	1 to 16	1 to 16
0 442 89	1600	10300	8700	7600	6700	6100	5600	5200	5000	5100	65.5	92.4	1.0	1.4	1.7	83.9	91.2	94.5	1.4	2.5 to 10	1.5 to 16	2.5 to 10	1.5 to 16
0 442 90	2500	10700	9000	7800	6900	6200	5700	5300	5100	5200	86.5	140.8	1.2	1.7	2.1	84.2	91.4	94.7	1.7	4 to 16	1.5 to 25	4 to 16	1.5 to 25
0 442 91	4000	20300	16900	14500	12800	11500	10500	9800	9200	9400	88.3	224.8	1.8	2.7	3.3	84.2	91.4	94.7	2.6	4 to 16	1.5 to 25	4 to 16	1.5 to 25

Equipment transformers

single-phase

Characteristics

Insulation voltage:
- between windings: 4 470 V
- between primary and earth: 2 240 V
- between secondary and earth: 250 V for 12, 24 and 48 V and 1780 V for 115 and 230 V

Fig. 1

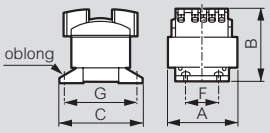


Fig. 2

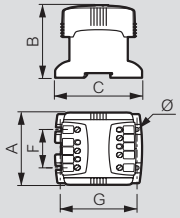


Fig. 3

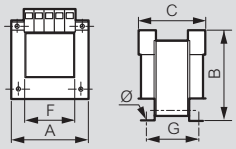
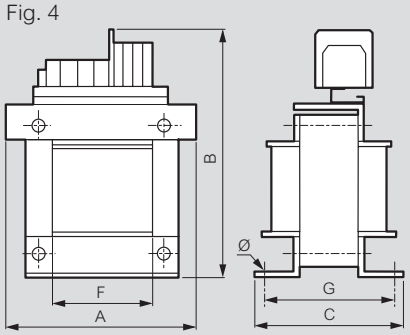


Fig. 4



Cat.Nos	Power (V~)	AIO (V~) cos φ 0.5	Fig.	Dimensions (mm)			Fixing (mm)			Weight (kg)	No load loss (W)	Total losses at 100% load (W)	Voltage drop (%)		Efficiency (%)		Ucc (%)	Connection PRI			Connection SEC		
																		cable (mm²)		lug Ø	cable (mm²)		lug Ø
				A	B	C	F	G	Ø				cos φ 1	cos φ 0.45	cos φ 1	cos φ 0.45		flexible	rigid	(mm)	flexible	rigid	(mm)
Single-phase safety transformers: Primary 230-400 V - Sec 12-24 V																							
0 428 40	40	55	1	84	70	98	40	86	4.5	0.9	3.7	13.3	18.3	12.7	0.75	0.58	15.6	1 to 4	1 to 4	4.5	1 to 4	1 to 4	4.5
0 428 41	63	91	1	84	77	98	40	86	4.5	1.3	4.9	16.7	13.5	10.2	0.8	0.64	11.8	1 to 4	1 to 4	4.5	1 to 4	1 to 4	4.5
0 428 42	100	140	1	84	86	98	40	86	4.5	1.6	6.2	21.0	10.5	8.7	0.83	0.68	9.5	1 to 4	1 to 4	4.5	1 to 4	1 to 4	4.5
0 428 43	160	205	1	84	104	98	40	86	4.5	2.4	9.1	32.8	8.8	7.4	0.83	0.69	7.9	1 to 4	1 to 4	4.5	1 to 4	1 to 4	4.5
0 428 44	220	290	1	96	115	110	40	98	4.5	3.4	12.6	38.8	6.9	6.3	0.85	0.71	6.5	1 to 4	1 to 4	4.5	1 to 4	1 to 4	4.5
0 428 45	310	345	2	106	123	115	50	100	5.2	3.8	14.2	54.9	7.3	6.2	0.85	0.72	8.2	1 to 4	1 to 4	4.5	1 to 4	1 to 4	4.5
0 428 46	450	1000	3	126	126	126	90	94	6.5	6	21.8	61.4	6.0	3.2	0.88	0.76	4.9	1 to 4	1 to 4	4.5	1 to 16	1 to 25	6.5
0 428 47	630	1520	3	126	126	141	90	105	6.5	8	25.5	62.4	4.3	2.6	0.91	0.82	3.5	1 to 4	1 to 4	4.5	1 to 16	1 to 25	6.5
0 428 49	1000	2900	4	220	222	170	122	140	7	14.7	43.3	75.3	2.9	1.8	0.93	0.86	2.4	0.25 to 6	0.5 to 10	-	4 to 35	2.5 to 50	-
Single-phase safety transformers: Primary 230-400 V - Sec 24 V																							
0 428 55	40	55	1	84	70	98	40	86	4.5	0.9	3.7	13.3	18.3	12.7	0.75	0.58	15.6	1 to 4	1 to 4	4.5	1 to 4	1 to 4	4.5
0 428 56	63	91	1	84	77	98	40	86	4.5	1.3	4.9	16.7	13.5	10.2	0.8	0.64	11.8	1 to 4	1 to 4	4.5	1 to 4	1 to 4	4.5
0 428 57	100	140	1	84	86	98	40	86	4.5	1.6	6.2	21.0	10.5	8.7	0.83	0.68	9.5	1 to 4	1 to 4	4.5	1 to 4	1 to 4	4.5
0 428 58	160	205	1	84	104	98	40	86	4.5	2.4	9.1	31.8	8.8	7.4	0.83	0.69	7.9	1 to 4	1 to 4	4.5	1 to 4	1 to 4	4.5
0 428 59	220	290	1	96	115	110	40	98	4.5	3.4	12.6	40.0	6.9	6.3	0.85	0.71	6.5	1 to 4	1 to 4	4.5	1 to 4	1 to 4	4.5
0 428 60	310	345	2	106	123	115	50	100	5.2	3.8	14.2	54.9	7.3	6.2	0.85	0.72	8.2	1 to 4	1 to 4	4.5	1 to 4	1 to 4	4.5
0 428 61	450	708	2	120	140	140	62.5	125	5.2	5.6	18.4	46.0	6.2	5.4	0.92	0.84	4.6	1 to 4	1 to 4	4.5	1 to 4	1 to 4	4.5
0 428 62	630	1520	3	126	126	141	90	105	6.5	8	25.5	62.4	4.3	2.6	0.91	0.82	3.5	1 to 4	1 to 4	4.5	1 to 16	1 to 25	6.5
Single-phase safety transformers: Primary 230-400 V - Sec 24-48 V																							
0 428 70	40	55	1	84	77	98	40	86	4.5	1.3	3.9	7.7	6.3	6.5	0.83	0.71	6.1	1 to 4	1 to 4	4.5	1 to 4	1 to 4	4.5
0 428 71	63	80	1	84	86	98	40	86	4.5	1.6	5.2	11.7	7.7	6.9	0.83	0.72	6.9	1 to 4	1 to 4	4.5	1 to 4	1 to 4	4.5
0 428 72	100	150	1	84	104	98	40	86	4.5	2.4	7.9	14.2	4.1	4.5	0.87	0.76	4.6	1 to 4	1 to 4	4.5	1 to 4	1 to 4	4.5
0 428 73	160	160	1	84	104	98	40	86	4.5	2.4	7.9	21.2	7.3	7.6	0.87	0.77	7.4	1 to 4	1 to 4	4.5	1 to 4	1 to 4	4.5
0 428 74	220	290	1	96	115	110	40	98	4.5	3.4	10.7	24.0	5.5	6.7	0.90	0.78	6.3	1 to 4	1 to 4	4.5	1 to 4	1 to 4	4.5
0 428 75	310	345	2	106	123	115	50	100	5.2	3.8	12.0	34.5	6.4	8.4	0.89	0.77	8.2	1 to 4	1 to 4	4.5	1 to 4	1 to 4	4.5
0 428 76	450	708	2	120	140	140	62.5	125	5.2	5.6	18.4	46.0	6.2	5.7	0.92	0.84	4.6	1 to 4	1 to 4	4.5	1 to 4	1 to 4	4.5
0 428 77	630	1520	3	126	126	141	90	105	6.5	8	25.5	64.3	4.2	2.6	0.91	0.82	3.5	1 to 4	1 to 4	4.5	1 to 16	1 to 25	6.5
Single-phase circuits isolation transformers: Primary 230-240 V - Sec 115-230 V																							
0 427 85	40	55	1	84	70	98	40	86	4.5	1	3.7	10.9	15.6	12.6	0.8	0.6	14.2	1 to 4	1 to 4	4.5	1 to 4	1 to 4	4.5
0 427 86	63	91	1	84	77	98	40	86	4.5	1.3	4.9	15.6	12.5	9.7	0.8	0.65	11.0	1 to 4	1 to 4	4.5	1 to 4	1 to 4	4.5
0 427 87	100	140	1	84	86	98	40	86	4.5	1.6	6.2	21.1	10.7	8.9	0.8	0.7	9.7	1 to 4	1 to 4	4.5	1 to 4	1 to 4	4.5
0 427 88	160	205	1	84	104	98	40	86	4.5	2.4	9.1	32.3	8.8	7.3	0.8	0.7	7.9	1 to 4	1 to 4	4.5	1 to 4	1 to 4	4.5
0 427 89	220	290	1	96	115	110	40	98	4.5	3.4	12.6	40.1	6.8	6.2	0.85	0.7	6.4	1 to 4	1 to 4	4.5	1 to 4	1 to 4	4.5
0 427 90	310	345	2	106	123	115	50	100	5.2	3.8	14.2	54.0	7.3	6.2	0.85	0.7	8.2	1 to 4	1 to 4	4.5	1 to 4	1 to 4	4.5
0 427 91	450	708	2	120	140	140	62.5	125	5.2	5.6	18.4	64.0	5.9	5.1	0.9	0.8	4.3	1 to 4	1 to 4	4.5	1 to 4	1 to 4	4.5
0 427 92	630	1520	3	126	126	123	90	105	6.5	7.8	25.5	64.6	4.3	2.6	0.9	0.8	3.5	1 to 4	1 to 4	4.5	1 to 4	1 to 4	4.5

Transformers and auto-transformers IP 55

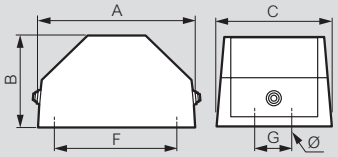
single-phase

Safety transformers

Insulation voltages:
- Between windings: 4500 V for 230-400 V, 3550 V for 230 V
- Between primary and earth: 2250 V for 230-400 V, 1800 V for 230 V
- Between secondary and earth: 250 V
- Class II

Insulation class B, ambient temperature: 25°C
IP 55 - IK 07
Secondary voltage by series-parallel coupling (except 12 V): supplied with coupling strips

Cat. Nos 0 427 20 to 27 and 0 427 60 to 65



230-400 V/24-48 V

Cat.Nos	Losses		Voltage drop (%) cos φ = 1 (%)	Efficiency (%) cos φ = 1	Ucc (%)	Dimensions (mm)			Fixing (mm)			Weight (kg)
	No-load losses (W)	Total losses at 100% load (W)				A	B	C	F	G	Ø	
0 427 20	5	6.8	8.7	83.6	7.4	182	92	112	143	-	6	3.6
0 427 21	7.8	10.1	8.8	84.3	7.2	192	92	112	158	-	6	4.2
0 427 22	14.5	14.5	7.6	84.3	7.9	207	100	122	167	-	6	6.3
0 427 23	15.7	20.3	7	87.2	5.9	215	100	122	175	-	6	6.7
0 427 24	17.3	30.8	7	89,0	6	245	130	156	203	50	6	11.5
0 427 25	31.3	33.4	4.6	90.7	3.7	290	150	190	247	50	6	19.2
0 427 26	32.7	36.7	3.3	93.4	2.7	290	150	190	247	50	6	19.7

230 V/12 V

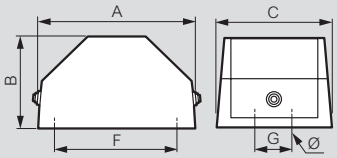
Cat.Nos	Losses		Voltage drop (%) cos φ = 1 (%)	Efficiency (%) cos φ = 1	Ucc (%)	Dimensions (mm)			Fixing (mm)			Weight (kg)
	No-load losses (W)	Total losses at 100% load (W)				A	B	C	F	G	Ø	
0 427 60	5	10.7	15.4	79.6	11	182	92	112	143	-	6	3.5
0 427 61	7.6	13.9	11.8	82,0	9.7	182	92	112	143	-	6	3.5
0 427 62	10	18.7	10.3	84.4	7.8	192	92	112	158	-	6	4.1
0 427 63	15.7	21.5	7.9	86.3	6.6	215	100	122	175	-	6	6.6
0 427 64	27.3	29	6.1	87.5	4.9	265	130	156	223	50	6	11.9
0 427 65	31.3	33.6	4.8	90.7	3.7	290	150	190	247	50	6	19

Circuit isolation transformers

Insulation voltages:
- Between windings: 4500 V
- Between primary and earth: 2250 V
- Between secondary and earth: 1800 V for 230 V
  2240 V for 400 V
- Class II

Insulation class B, ambient temperature: 25°C
IP 55 - IK 07
Secondary voltage by series-parallel connection: supplied with links

Cat. Nos 0 425 10 to 16



230-400 V/115-230 V

Cat.Nos	Losses		Voltage drop (%) cos φ = 1 (%)	Efficiency (%) cos φ = 1	Ucc (%)	Dimensions (mm)			Fixing (mm)			Weight (kg)
	No-load losses (W)	Total losses at 100% load (W)				A	B	C	F	G	Ø	
0 425 10	5.3	9.0	10.6	81.4	9.8	182	92	112	143	-	6	3.5
0 425 11	10.4	15.8	12.6	78.6	10.7	192	92	112	158	-	6	4.3
0 425 12	16.2	8.2	3.7	86.8	3.7	207	100	122	167	-	6	6.3
0 425 13	15.7	20.6	6.6	87.1	6	215	100	122	175	-	6	6.7
0 425 14	27.3	24.5	4.7	88.4	4.2	245	130	156	203	50	6	11.5
0 425 15	30.9	17.0	2.0	93.0	2	270	150	190	227	50	6	18.6
0 425 16	33	38.5	3.2	93.1	2.8	270	150	190	227	50	6	18.7

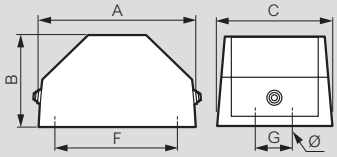
Auto-transformers

50-60 Hz. Class II
Insulation voltages:
- Between winding and earth: 3000 V

Insulation:
- Class B up to 2000 VA, ambient temperature: 35°C

IP 55 - IK 07 up to 2000 VA

Cat. Nos 0 422 82 to 88



Single-phase protected

Cat.Nos	Losses		Voltage drop (%) cos φ = 1 (%)	Efficiency (%) cos φ = 1	Ucc (%)	Dimensions (mm)			Fixing (mm)			Weight (kg)
	No-load losses (W)	Total losses at 100% load (W)				A	B	C	F	G	Ø	
0 422 82	5.0	11.1	3.8	93.9	3.0	182	92	112	143	-	6	3.5
0 422 84	11.8	25.0	4.7	93.1	3.4	207	100	122	167	-	6	6.3
0 422 85	12.2	20.5	2.5	95.8	1.8	207	100	122	167	-	6	6.3
0 422 86	19.2	24.4	2.2	95.8	1.6	245	130	156	203	50	6	11.5
0 422 87	30.6	20.2	1.2	96.7	0.9	270	150	190	227	50	6	17
0 422 88	33.7	27.0	1.2	97.0	1.0	270	150	190	227	50	6	17

Transformers sizing

Which transformer for which circuit ?

Each circuit needs a specific transformer output: transformer sizing But, to size an equipment transformer it is not enough to add up the powers of the operating circuits, the permissible instantaneous power must be considered (inrush power)

How to calculate a transformer's power and size?

For equipment including automatic devices, transformer's power depends on:

- The max. power needed at a given moment (inrush power)
- Constant power absorbed by the circuit
- Voltage drop
- Power factor

1) Determining the inrush power

To determine the inrush power, we make the following assumptions:

- Two inrushes cannot occur at the same time
- Power factor cos φ 0.5 at closing
- Max. 80 % of devices power supplied at the same time

Empirically and to simplify, this power can be calculated using the following formula:

P inrush = 0.8 (Σ Pm + Σ Pv + Pa)

Σ Pm: sum of all contactors holding powers
Σ Pv: sum of all indicators light powers
Pa: inrush power of the largest contactor

Example :

A machine tool control cabinet contains :

- 10 contactors for 4-kW motors, holding power 8 VA
- 4 contactors for 18.5-kW motor, holding power 20 VA
- 1 contactor for 45-kW motor, holding power 20 VA, inrush power 250 VA cos φ 0.5
- 25 remote control relays, holding power 4 VA
- 45 signalling lights, consumption 1 VA

Σ Pm = 10 x 8 VA = 80 VA
4 x 20 VA = 80 VA
1 x 20 VA = 20 VA
25 x 4 VA = 100 VA
280 VA

Σ Pv = 45 x 1 VA = 45 VA
Pa = 250 VA

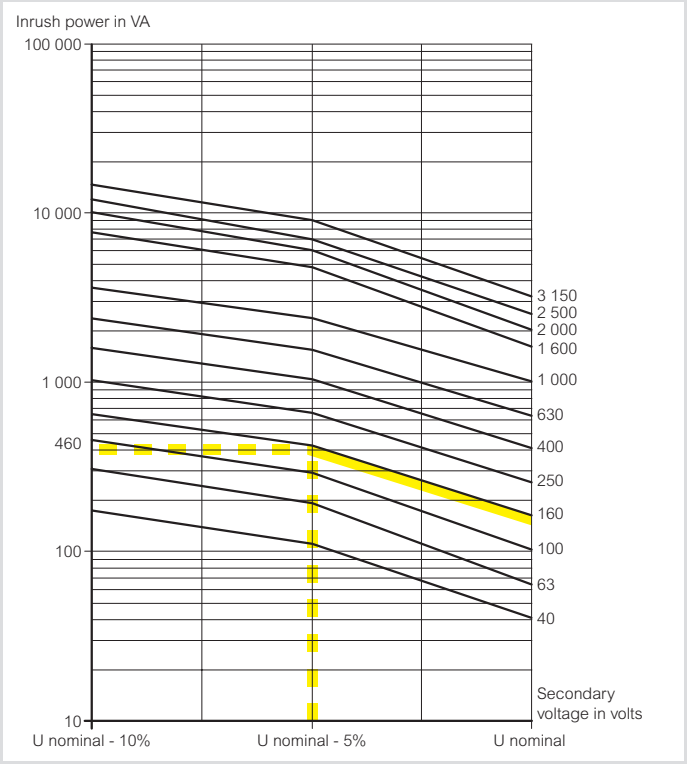
P inrush = 0.8 (280 + 45 + 250) = 460 VA at cos φ 0.5

2) Determining the transformer's size

Especially for control transformers, just read the size below from the inrush power at cos φ 0.5:

Nominal power VA IEC and CSA	Permissible instantaneous power VA IEC/EN 61558-2-2 with cos φ of :								
	0.2	0.3	0.4	0.5	0.6	0.7	0.8	0.9	1
40	90	80	72	66	61	57	53	51	53
63	160	140	130	120	110	100	90	90	90
100	210	190	170	160	150	140	130	130	140
160	480	400	350	300	270	240	220	200	190
250	830	690	590	510	450	400	360	330	310
400	1600	1400	1200	1000	900	800	800	700	700
630	2000	1800	1500	1400	1200	1100	1100	1000	1000
1000	5400	4600	4000	3600	3200	3000	2700	2600	2500
1600	9000	8000	7200	6600	6100	5700	5400	5300	5600
2500	7300	6600	6000	5700	5200	4900	4700	4600	5100
4000	34500	28800	24400	17000	16600	16400	14800	13400	12400
5000	29000	23000	20000	17000	16000	14000	13000	12000	12000
6300	20000	18000	17000	16000	15000	15000	15000	15000	18000
8000	45000	39000	35000	32000	30000	28000	27000	26000	29000

Inrush power of 460 VA at cos φ 0.5 entails minimum size of 250 VA



For power of 460 VA cos φ 0.5, the curve at U nominal - 5 %* indicates a value of 160 VA
* Value deliberately selected as a precaution

3) Checking the choice

Make a check according to each piece of equipment:

- calculate the total sum of the holding powers of the windings and of the live indicator lights
- then apply a factor: either that of 80 % of devices held live at the same time, or that from the actual calculations for your equipment

The sizing power must be equal to or more than the result of this calculation

Rule for determining the secondary protection rating :

To check that the device chosen is suitable, an approximate minimum short-circuit value at the furthest point of the installation can be obtained using the following formula:

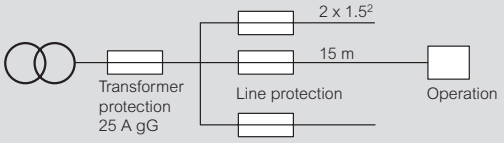
$$I\ c/c\ mini = \frac{Us}{\left(\frac{U^2 s}{P} \times \frac{U\ c/c\ \%}{100}\right) + \frac{2\rho l}{S}}$$

Us = transformer secondary voltage
P = transformer power
U c/c % = transformer short-circuit voltage
l = line length in m
S = line cross-section in mm²
ρ copper = 0.027 Ω mm²/m

Choose the protection rating so as to obtain a cut-off time of 5" max. for the current I c/c defined above :

gG fuse : $In \leq \frac{I\ c/c\ min.}{4}$ type C MCB: $In \leq \frac{I\ c/c\ min.}{8}$

Example : control transformer 630 VA - 230/24 V Cat.No 0 442 17



$$I\ c/c\ min. = \frac{24}{\left(\frac{24^2}{630} \times \frac{3.7}{100}\right) + \frac{2 \times 0.027 \times 15}{1.5}} = 41.82\ A$$

$\frac{41.82}{4} = 10.45$ --> gG 10 A max. $\frac{41.82}{8} = 5.22$--> DX 5 A max. C.curve

Protection of transformers and their lines

Protection of lines (primary side of transformer)

General

Lines must be protected against overloads and short-circuits. Protection against overloads is only compulsory if the line is likely to be affected by an overload current. This protection can be installed at the head or end of the line. Protection against short-circuits is compulsory in all installations ; this protection has to be installed at the head of the line

Supply line

The transformer is a devicethat cannot generate overloads. Its supply line requires protection against short-circuits only. When a transformer is energised. a very high inrush current is produced (in the region of 25 In) for approximately 10 ms. The line protection must take these 2 factors into consideration. Legrand offers 3 possibilities: aM fuse cartridges, type D MCBs (average value of the magnetic 12 In, with a standard adjustment range between 10 and 14 In), type C MCBs (average value of the magnetic 7 In, with a standard adjustment range between 5 and 10 In)

Minimal protection rating for primary supply line on transformer(1)

Power	230 V single - phase				400 V single - phase			230 V three - phase			400 V three - phase		
	aM Cartridge	MCBs C curve or MCCBs	MCBs D curve or MCCBs	type B MCB with inrush current limiter	aM Cartridge	MCBs C curve or MCCBs	MCBs D curve or MCCBs	aM Cartridge	MCBs C curve or MCCBs	MCBs D curve or MCCBs	aM Cartridge	MCBs C curve or MCCBs	MCBs D curve or MCCBs
40 VA	0.5 A 0 130 95	1 A 4 077 76		1 A 4 089 52	0.25 A 0 130 92	1 A 4 077 76							
63 VA	1 A 0 130 01	2 A 4 077 77		1 A 4 089 52	0.5 A 0 130 95	1 A 4 077 76	0.5 A 4 080 07						
100 VA	1 A 0 130 01	3 A 4 077 78	1 A 4 080 08	1 A 4 089 52	1 A 0 130 01	2 A 4 077 77	1 A 4 080 08						
160 VA	2 A 0 130 02	4 A 4 077 79	2 A 4 080 09	1 A 4 089 52	1 A 0 130 01	2 A 4 077 77	1 A 4 080 08						
220 VA	2 A 0 130 02	6 A 4 077 80	3 A 4 080 10	2 A 4 089 53	1 A 0 130 01	3 A 4 077 78	2 A 4 080 09						
250 VA	2 A 0 130 02	6 A 4 077 80	3 A 4 080 10	2 A 4 089 53	2 A 0 130 02	3 A 4 077 78	2 A 4 080 09						
310 VA	4 A 0 130 04	8 A 4 077 81	3 A 4 080 10	2 A 4 089 53	2 A 0 130 02	4 A 4 077 79	2 A 4 080 09						
400 VA	4 A 0 130 04	10 A 4 077 82	4 A 4 080 11	3 A 4 089 54	2 A 0 130 02	6 A 4 077 80	3 A 4 080 10	2 A 0 130 02	6 A 4 078 25	3 A 4 080 55	2 A 0 130 02	3 A 4 078 23	2 A 4 080 54
450 VA	4 A 0 130 04	10 A 4 077 82	6 A 4 080 12	3 A 4 089 54	2 A 0 130 02	6 A 4 077 80	3 A 4 080 10						
630 VA	6 A 0 130 06	16 A 4 077 84	6 A 4 080 12	6 A 4 089 56	4 A 0 130 04	8 A 4 077 81	4 A 4 080 11	4 A 0 130 04	10 A 4 078 27	4 A 4 080 56	2 A 0 130 02	6 A 4 078 25	2 A 4 080 54
800 VA	6 A 0 130 06	16 A 4 077 84	10 A 4 080 14	6 A 4 089 56	4 A 0 130 04	10 A 4 077 82	6 A 4 080 12						
1000 VA	10 A 0 130 10	20 A 4 077 85	10 A 4 080 14	10 A 4 089 57	4 A 0 130 04	16 A 4 077 84	6 A 4 080 12	4 A 0 130 04	16 A 4 078 29	6 A 4 080 57	4 A 0 130 04	10 A 4 078 27	4 A 4 080 56
1250 VA	10 A 0 130 10	25 A 4 077 86	16 A 4 080 15	10 A 4 089 57	6 A 0 130 06	16 A 4 077 84	8 A 4 080 13						
1600 VA	10 A 0 130 10	32 A 4 077 87	16 A 4 080 15	10 A 4 089 57	6 A 0 130 06	20 A 4 077 85	10 A 4 080 14	6 A 0 130 06	20 A 4 078 30	10 A 4 080 58	4 A 0 130 04	16 A 4 078 29	6 A 4 080 57
2000 VA	12 A 0 130 12	40 A 4 077 88	20 A 4 080 16	16 A 4 089 59	8 A 0 130 08	25 A 4 077 86	16 A 4 080 15	10 A 0 130 10	25 A 4 078 31	16 A 4 080 59	6 A 0 130 06	16 A 4 078 29	10 A 4 080 58
2500 VA	16 A 0 130 16	50 A 4 077 89	25 A 4 080 17	20 A 4 089 60	10 A 0 130 10	32 A 4 077 87	16 A 4 080 15	10 A 0 130 10	32 A 4 078 32	16 A 4 080 59	6 A 0 130 06	20 A 4 078 30	10 A 4 080 58
4 kVA	25 A 0 130 25	80 A 4 092 28	32 A 4 080 18	25 A 4 089 61	16 A 0 130 16	40 A 4 077 88	20 A 4 080 16	16 A 0 130 16	50 A 4 078 34	25 A 4 080 61	10 A 0 130 10	32 A 4 078 32	16 A 4 080 59
5 kVA	32 A 0 140 32	80 A 4 092 28	40 A 4 080 19	40 A 4 089 63	16 A 0 130 16	50 A 4 077 89	25 A 4 080 17	20 A 0 130 20	63 A 4 078 35	32 A 4 080 62	12 A 0 130 12	40 A 4 078 33	20 A 4 080 60
6.3 kVA	32 A 0 140 32	100 A 4 092 29	50 A 4 080 20	50 A 4 089 64	20 A 0 130 20	63 A 4 077 90	32 A 4 080 18	25 A 0 130 25	80 A 4 092 80	40 A 4 080 63	16 A 0 130 16	50 A 4 078 34	25 A 4 080 61
8 kVA	40 A 0 140 40		63 A 4 080 21	63 A 4 077 90	25 A 0 130 25		40 A 4 080 19	32 A 0 140 32	100 A 4 092 81	50 A 4 080 64	20 A 0 130 20	63 A 4 078 35	32 A 4 080 62
10 kVA	63 A 0 150 63		80 A 4 094 58		32 A 0 140 32		50 A 4 080 20	32 A 0 140 32	100 A 4 092 81	50 A 4 080 64	20 A 0 130 20	63 A 4 078 35	32 A 4 080 62
12.5 kVA	63 A 0 150 63		100 A 4 094 59		40 A 0 140 40		63 A 4 080 21						
16 kVA	80 A 0 150 80		160 A 4 200 07		50 A 0 140 50		80 A 4 094 58	50 A 0 140 50		80 A 4 095 06	32 A 0 140 32		50 A 4 080 64
20 kVA	100 A 0 150 96		160 A 4 200 07		63 A 0 150 63		100 A 4 094 59	63 A 0 150 63		100 A 4 095 07	40 A 0 140 40		63 A 4 080 65
25 kVA	125 A 0 150 97		200 A 4 200 08		80 A 0 150 80		125 A 4 094 60	80 A 0 150 80		125 A 4 095 08	50 A 0 140 50		80 A 4 095 06
31.5 kVA	160 A 0 165 55		250 A 4 200 09		100 A 0 150 96		160 A 4 200 07	100 A 0 150 96		160 A 4 200 07	63 A 0 150 63		100 A 4 095 07
40 kVA	200 A 0 170 60		320 A 4 220 01		125 A 0 150 97		200 A 4 202 08	125 A 0 150 97		250 A 4 202 09	63 A 0 150 63		125 A 4 095 08
50 kVA	315 A 0 175 70		400 A 4 220 02		160 A 0 165 55		250 A 4 202 09	160 A 0 165 55		250 A 4 202 09	80 A 0 150 80		160 A 4 200 07
63 kVA	315 A 0 175 70		500 A 4 220 03		200 A 0 170 60		320 A 4 220 01	200 A 0 170 60		250 A 4 202 09	100 A 0 150 96		160 A 4 200 07
80 kVA								250 A 0 170 65		250 A 4 202 09	160 A 0 165 55		160 A 4 200 07
100 kVA								315 A 0 175 70		320 A 4 220 01	160 A 0 165 55		160 A 4 200 07
125 kVA								400 A 0 175 75		400 A 4 220 02	200 A 0 170 60		200 A 4 202 08
160 kVA								500 A 0 180 25		500 A 4 220 03	250 A 0 170 65		250 A 0 252 06
200 kVA								630 A 0 180 30		630 A 4 220 04	315 A 0 175 70		320 A 4 220 01
250 kVA								630 A 0 180 30		630 A 4 220 04	400 A 0 175 75		400 A 4 220 02
315 kVA								800 A 0 184 85		800 A 4 222 64			500 A 4 220 03
400 kVA								1000 A 0 184 90		1000 A 4 222 65			630 A 4 220 04

1: These values are given for information only for transformers with inrush currents of around 25 In.

Protection of transformers (secondary side of transformer)

According to IEC/EN 61558 standards, transformers must be protected against overloads and short-circuits which may occur during normal operations
The standards do not specify the location or type of protective device: it is the manufacturer's responsibility to select the most suitable position, either on the primary or secondary side
Legrand has selected secondary protection. The rating, type and location of the protective device are indicated on the front of its devices

Operating line

This line must be protected against overloads (ensure that the protection rating chosen is ≤ transformer secondary current) and short-circuits (ensure that a short-circuit occurring at the furthest point of the line will trigger the protective device within 5 seconds. Legrand offers two possibilities: gG cartridge fuses, type C MCBs (magnetic set to 7 In average). If the transformer only supplies a single operating line, and provided the calculations show perfect compatibility, transformer protection (if on the secondary) and line protection can be one and the same
A single protective device performs both functions (see table of transformer protective devices). If the transformer supplies several operating lines, overload and short-circuit calculations must be performed for each individual line

Single-phase: Control, safety isolating, isolating, equipment and installation transformers

Nominal power IEC and CSA	12 V				24 V				48 V				115 V				230 V			
	Rating	Cartridge Cat.Nos	Rating	MCBS Cat.Nos	Rating	Cartridge Cat.Nos	Rating	MCBS Cat.Nos	Rating	Cartridge Cat.Nos	Rating	MCBS Cat.Nos	Rating	Cartridge Cat.Nos	Rating	MCBS Cat.Nos	Rating	Cartridge Cat.Nos	Rating	MCBS Cat.Nos
40 VA	4	T4 AL(1)	-	-	2	T2 AL(1)	-	-	1	T1 AL(1)	-	-	0.4	T0.4 AL(1)	-	-	0.2	T0.2 AL(1)	0.2	T0.2 AL(1)
63 VA	5	T5 AL(1)	-	-	2.5	T2.5 AL(1)	-	-	1.25	T1.25 AL(1)	-	-	0.5	T0.5 AL(1)	-	-	0.25	T0.25 AL(1)	0.25	T0.25 AL(1)
100 VA	8	T8 AE(1)	8	4 076 97	4	T4 AE(1)	4	4 076 95	2	T2 AL(1)	2	4 076 93	0.8	T0.8 AL(1)	1	4 076 92	0.4	T0.4 AL(1)	0.5	4 076 91
160 VA	16	0 133 16	13	4 076 99	8	0 133 08	6	4 076 96	3.15	T3.15 AE(1)	4	4 076 95	1.6	T1.6 AL(1)	2	4 076 93	0.63	T0.63 AL(1)	1	4 076 92
220 VA	20	0 133 20	20	4 077 01	10	0 133 10	10	4 076 98	5	T5 AE(1)	6	4 076 96	2	T2 AL(1)	2	4 076 93	1	T1 AL(1)	1	4 076 92
250 VA	20	0 133 20	20	4 077 01	10	0 133 10	10	4 076 98	6	0 133 06	6	4 076 96	2	T2 AL(1)	2	4 076 93	1	T1 AL(1)	1	4 076 92
310 VA	25	0 133 25	25	4 077 02	12	0 133 12	13	4 076 99	6	0 133 06	6	4 076 96	2.5	T2.5 AE(1)	3	4 076 94	1.25	T1.25 AL(1)	2	4 076 93
400 VA	32	0 143 32	32	4 077 03	16	0 133 16	16	4 077 00	8	0 133 08	8	4 076 97	4	0 133 04	4	4 076 95	2	0 133 02	2	4 076 93
450 VA	40	0 143 40	40	4 077 04	20	0 133 20	20	4 077 01	10	0 133 10	10	4 076 98	4	0 133 04	4	4 076 95	2	0 133 02	2	4 076 93
630 VA	50	0 143 50	50	4 076 59	25	0 133 25	25	4 077 02	12	0 133 12	13	4 076 99	6	0 133 06	6	4 076 96	4	0 133 04	3	4 076 94
1000 VA	80	0 153 80	80	4 091 40	40	0 143 40	40	4 077 04	20	0 133 20	20	4 077 01	8	0 133 08	8	4 076 97	4	0 133 04	4	4 076 95
1600 VA	125	0 153 97	125	4 091 42	63	0 153 63	63	4 076 60	32	0 143 32	32	4 077 03	16	0 133 16	13	4 076 99	8	0 133 08	8	4 076 97
2500 VA	-	-	200	-	100	0 153 96	100	4 091 41	50	0 143 50	50	4 076 59	20	0 133 20	20	4 077 01	10	0 133 10	10	4 076 98
4 kVA	-	-	-	-	-	-	-	-	80	0 153 80	80	4 091 40	32	0 143 32	32	4 077 03	16	0 133 16	16	4 077 00
5 kVA	-	-	-	-	-	-	-	-	100	0 153 96	100	4 091 41	40	0 143 40	40	4 077 04	20	0 133 20	20	4 077 01
6.3 kVA	-	-	-	-	-	-	-	-	125	0 153 97	125	4 091 42	50	0 143 50	63	4 076 59	25	0 133 25	32	4 077 02
8 kVA	-	-	-	-	-	-	-	-	-	-	-	-	80	0 153 80	80	4 091 40	32	0 143 32	32	4 077 03
10 kVA	-	-	-	-	-	-	-	-	-	-	-	-	80	0 153 80	80	4 091 40	40	0 143 40	40	4 077 04
12.5 kVA	-	-	-	-	-	-	-	-	-	-	-	-	100	0 153 96	100	4 091 41	50	0 143 50	50	4 076 59
16 kVA	-	-	-	-	-	-	-	-	-	-	-	-	160	0 163 55	160	4 200 47	80	0 153 80	80	4 091 40
20 kVA	-	-	-	-	-	-	-	-	-	-	-	-	160	0 163 55	200	4 202 08	80	0 153 80	80	4 091 40
25 kVA	-	-	-	-	-	-	-	-	-	-	-	-	200	0 168 60	250	4 202 09	100	0 153 96	100	4 091 41
31.5 kVA	-	-	-	-	-	-	-	-	-	-	-	-	250	0 173 65	250	4 202 09	125	0 153 97	125	4 092 30
40 kVA	-	-	-	-	-	-	-	-	-	-	-	-	400	0 178 75	320	0 255 22	160	0 163 55	200	4 202 08
50 kVA	-	-	-	-	-	-	-	-	-	-	-	-	400	0 178 75	400	0 255 23	200	0 168 60	250	4 202 09
63 kVA	-	-	-	-	-	-	-	-	-	-	-	-	500	0 181 25	500	0 255 35	250	0 173 65	250	4 202 09

1: Fuses IEC 127 (cartridge 5 x 20 T type)

Protection of transformers and their lines (continued)

Three - phase: Control. safety isolating. isolating. equipment and installation transformers

Nominal power	24 V				42 V				230 V				400 V			
	Rating	Cartridge Cat.Nos	Rating	MCBS Cat.Nos	Rating	Cartridge Cat.Nos	Rating	MCBS Cat.Nos	Rating	Cartridge Cat.Nos	Rating	MCBS Cat.Nos	Rating	Cartridge Cat.Nos	Rating	MCBS Cat.Nos
400 VA	10	0 133 10	10	4 078 96	6	0 133 06	6	4 078 94	1	0 133 01	1	4 078 90	1	0 133 01	1	4 078 90
630 VA	16	0 133 16	16	4 078 98	10	0 133 10	10	4 078 96	2	0 133 02	2	4 078 91	1	0 133 01	1	4 078 90
1000 VA	25	0 133 25	25	4 079 00	16	0 133 16	16	4 078 98	4	0 133 04	3	4 078 92	2	0 133 02	2	4 078 91
1600 VA	40	0 143 40	40	4 079 02	25	0 133 25	20	4 078 99	4	0 133 04	6	4 078 94	4	0 133 04	3	4 078 92
2500 VA	63	0 153 63	63	4 079 04	40	0 143 40	32	4 079 01	6	0 133 06	6	4 078 94	4	0 133 04	6	4 078 94
4 kVA	100	0 153 96	100	4 093 63	63	0 153 63	50	4 079 03	10	0 133 10	10	4 078 96	6	0 133 06	6	4 078 94
6.3 kVA	160	0 163 55	160	4 200 17	100	0 153 96	80	4 093 62	16	0 133 16	16	4 078 98	10	0 133 10	10	4 078 96
10 kVA	250	0 173 65	250	4 202 19	160	0 163 55	125	4 093 64	25	0 133 25	25	4 079 00	16	0 133 16	16	4 078 98
16 kVA	-	-	-	-	-	-	-	-	40	0 143 40	40	4 079 02	25	0 133 25	25	4 079 00
25 kVA	-	-	-	-	-	-	-	-	63	0 153 63	63	4 079 04	40	0 143 40	40	4 079 02
40 kVA	-	-	-	-	-	-	-	-	100	0 153 96	100	4 093 63	63	0 153 63	63	4 079 04
50 kVA	-	-	-	-	-	-	-	-	125	0 153 97	125	4 093 64	80	0 153 80	80	4 093 62
63 kVA	-	-	-	-	-	-	-	-	160	0 163 55	160	4 200 17	100	0 153 96	100	4 093 63
80 kVA	-	-	-	-	-	-	-	-	200	0 168 60	200	4 202 18	125	0 153 97	125	4 093 64
100 kVA	-	-	-	-	-	-	-	-	250	0 173 65	250	4 202 19	160	0 163 55	160	4 200 17
125 kVA	-	-	-	-	-	-	-	-	315	0 178 70	400	4 220 07	200	0 168 60	200	4 202 18
160 kVA	-	-	-	-	-	-	-	-	400	0 178 75	400	4 220 08	250	0 173 65	250	4 202 19
200 kVA	-	-	-	-	-	-	-	-	500	0 181 25	630	4 220 09	315	0 178 70	320	4 220 06
250 kVA	-	-	-	-	-	-	-	-	630	0 181 30	630	4 222 09	400	0 178 75	400	4 220 07
315 kVA	-	-	-	-	-	-	-	-	800	0 185 85	800	4 222 69	500	0 181 75	500	4 220 08
400 kVA	-	-	-	-	-	-	-	-	1000	0 185 90	1000	4 222 70	630	0 181 80	630	4 220 09

Main transformer functions:

- **Changing voltage:**

Isolation transformer
(basic insulation between primary and secondary)

Auto-transformer
(no insulation between primary and secondary)

- **Control circuit power supply**

Control transformer
(basic insulation between primary and secondary)

The transformer function(s) can either be defined by the equipment designer or can be imposed by installation guidelines or the equipment standard

Definitions:
- Electric shocks: physiological effect resulting from an electrical current through a human or animal body (IEV 195-01-04)
- Direct contact: electric contact of persons or animals with live parts (195-06-03)
- Indirect contact: electric contact of persons or animals with exposed-conductive-parts which have become live under fault conditions (195-06-04)

Stabilised switched mode power supplies - single-phase

1 466 06

1 466 14

1 466 26

Technical characteristics **p. 507**
Protection **p. 509-510**

Conforming to standards UL 508, IEC EN 62368-1 and IEC EN 61204-3
UL-approved in USA and Canada
Operating frequency: 50/60 Hz
Output voltage present indicator
Potentiometer for adjusting the output voltage on front panel
Integrated short-circuit and overload protection
With signal or relay contact for feedback on the status of the active output voltage (except 75 W)
Connection with copper conductors only
For mounting on a symmetrical rail ⊔ depth 7.5 mm and 15 mm

Pack	Cat.Nos	Nominal power (W)	Nominal rating (A)	Setting range (V)	Width (mm)
		Single-phase 20 - 60 W			
		No-load power consumption < 0.75 W Adjustable output voltage Plastic casing			
		Input voltage: 100 to 240 V∿ Output voltage: 12 V⎓			
1	1 466 01	20	1.67	10.8 to 13.2	23
1	1 466 02	40	3.33	12 to 15	40
1	1 466 03	60	5.00	12 to 15	40
		Input voltage: 100 to 240 V∿ Output voltage: 24 V⎓			
1	1 466 05	24	1	21.6 to 26.4	23
1	1 466 06	40	1.70	24 to 30	40
1	1 466 07	60	2.50	24 to 30	40
		Input voltage: 100 to 240 V∿ Output voltage: 48 V⎓			
1	1 466 09	60	1.25	48 to 56	40
		Single-phase 75 - 960 W for loads with strong inrush current			
		Ability to supply temporary overcurrents (up to 150% for 3 sec) High efficiency (up to 94%) Low harmonic pollution due to the integrated PFC filter (from 120 W) Adjustable output voltage Aluminium casing			
		Input voltage: 100 to 240 V∿ Output voltage: 12 V⎓			
1	1 466 13	75	6.3	12 to 14	32
1	1 466 14	120	10	12 to 14	40
		Input voltage: 100 to 240 V∿ Output voltage: 24 V⎓			
1	1 466 22	75	3.2	24 to 28	32
1	1 466 23	120	5	24 to 28	40
1	1 466 24	240	10	24 to 28	63
1	1 466 25	480	20	24 to 28	86
		Input voltage: 200 to 240 V∿ Output voltage: 24 V⎓			
1	1 466 26	960	40	24 to 28	110
		Input voltage: 100 to 240 V∿ Output voltage: 48 V⎓			
1	1 466 42	120	2.5	48 to 55	40
1	1 466 43	240	5	48 to 55	63
1	1 466 44	480	10	48 to 55	86

SWITCHED MODE POWER SUPPLIES

High power and new functions in a compact unit

New-generation switching mode power supplies:

- Space saving inside control cabinets thanks to their compact design.
- Wide range of power supplies for loads with strong inrush current or with very wide input voltage range, and specific low power ratings range.
- Output voltage can be adjust on front panel.
- Equipped with communication device for visual, local or centralised monitoring.
- Specific modules to ensure continuity of service and to prevent the power supply failure on critical applications.

Stabilised switched mode power supplies - single/two-phase and three-phase

1 466 64

1 466 39

Technical characteristics **p. 507**
Protection **p. 509-510**

Conforming to standards UL 508, IEC EN 62368-1 and IEC EN 61204-3
UL-approved in USA (and Canada for Cat. Nos. 1 466 54/63/82)
Operating frequency: 50/60 Hz
Output voltage present indicator
Potentiometer for adjusting the output voltage on front panel
Integrated short-circuit and overload protection
With signal or relay contact for feedback on the status of the active output voltage
Connection with copper conductors only
For mounting on a symmetrical rail ⊔ depth 7.5 mm and 15 mm

Single/two-phase 120 - 480 W wide input voltage range

Suitable for single or two-phase networks
Also suitable for three-phase networks, when using 2 phases only
Low harmonic pollution due to the integrated PFC filter (from 240 W)
Adjustable output voltage
Aluminium casing

Input voltage: 200 to 500 V∿
Output voltage: 12 V⎓

Pack	Cat.Nos	Nominal power (W)	Nominal rating (A)	Setting range (V)	Width (mm)
1	1 466 54	120	10	12 to 15	40

Input voltage: 200 to 500 V∿
Output voltage: 24 V⎓

Pack	Cat.Nos	Nominal power (W)	Nominal rating (A)	Setting range (V)	Width (mm)
1	1 466 63	120	5	24 to 29	40
1	1 466 64	240	10	24 to 28	63
1	1 466 65	480	20	24 to 28	86

Input voltage: 200 to 500 V∿
Output voltage: 48 V⎓

Pack	Cat.Nos	Nominal power (W)	Nominal rating (A)	Setting range (V)	Width (mm)
1	1 466 82	120	2.5	48 to 58	40
1	1 466 83	240	5	48 to 55	63
1	1 466 84	480	10	48 to 55	86

Three-phase 960 W

Operation possible on 2 phases (80% of the nominal power)
Low harmonic pollution due to the integrated PFC filter
Adjustable output voltage
Aluminium casing

Input voltage: 3 x 380 to 500 V∿
Output voltage: 24 V⎓

Pack	Cat.Nos	Nominal power (W)	Nominal rating (A)	Setting range (V)	Width (mm)
1	1 466 36	960	40	24 to 28	110

Input voltage: 3 x 380 to 500 V∿
Output voltage: 48 V⎓

Pack	Cat.Nos	Nominal power (W)	Nominal rating (A)	Setting range (V)	Width (mm)
1	1 466 39	960	20	48 to 55	110

Stabilised switched mode power supplies - additional functions

1 466 90

1 466 98

Technical characteristics **p. 508**
Protection **p. 509-510**

Used to ensure optimum continuity of service for critical functions

Backup function

Backup function module
In conjunction with a battery pack, ensures continuity of service of a 24 V⎓ system in the event of a power supply failure
Relay contacts and LED status indicators (normal operation, battery failed and battery discharged)
For mounting on a symmetrical rail ⊔ depth 7.5 mm and 15 mm
Input voltage: 24 to 29 V⎓

Pack	Cat.Nos	Max. rating (A)	Width (mm)
1	1 466 90	40	56

Battery pack
Works in conjunction with the backup function module
Sealed lead-acid batteries
Fixing on panel or at the bottom of the enclosure

Pack	Cat.Nos	Capacitance (Ah)	Voltage (V)
1	1 466 93	9	24

Redundancy function

Redundancy function module
Can be used to control two 24 V⎓ power supplies on the same load to ensure optimum continuity of service
Relay contacts and LED status indicators for the power supplies
For mounting on a symmetrical rail ⊔ depth 7.5 mm and 15 mm
Input voltage: 21 to 28 V⎓

Pack	Cat.Nos	Maximum rating (A)	Width (mm)
1	1 466 98	20	56

Stabilised switched mode power supplies

single-phase, single/two-phase and three-phase

Characteristics

AC (47 to 63 Hz) or DC input voltage
Adjustable 12 V=, 24 V= or 48 V= output voltage
Conforming to standards:
- IEC EN 62368-1
- UL 508 (CAN/CSA C22.2 No. 14-M91)
- EN 55022 class B
- EN 55023
- EN 55032
- EN 61000-4-2, 3, 4, 5, 6, 8, 11 and EN 61000-3-2, -3
- EN 61204-3

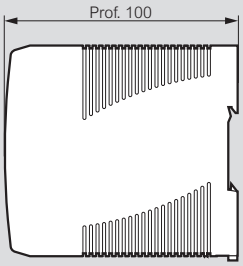
Input at the bottom and output at the top
Double operating terminal (single for 20 W - 24 W - 120 W, triple for 960 W)
Output voltage variation: + 1%
Output voltage variation/variations of the network: + 1%
Output voltage variation/variations in the load: + 1%
Power Factor Correction (PFC) limiting harmonic pollution on the network
Feedback function:
- Cat.Nos 1 466 01, signal 9 - 13.5 V= 40 mA
- Cat.Nos 1 466 05, signal 18 - 27 V= 20 mA
- Cat. Nos. 1 466 13/22, function not present
- other catalogue numbers, relay contact 30 V= 1 A

Protection class I
Overvoltage category II, pollution degree 2
Insulation voltage:
- input/output: 3000 V min
- input/earth: 1500 V min
- output/earth: 500 V
- output/feedback relay contact: 500 V

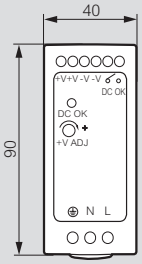
Direct connection in parallel possible with up to four 960 W power supplies Cat. Nos. 1 466 26/36/39 (90% of the nominal power)
Relative humidity: 20 - 90% non-condensing
Cooling by natural convection
For vertical mounting on a symmetrical rail 2 depth 7.5 or 15 mm

Dimensions (mm)

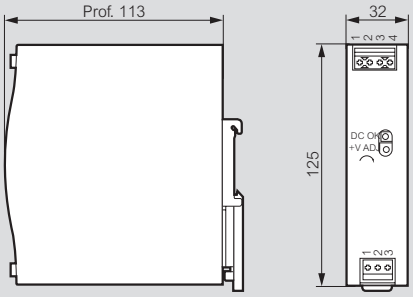
Cat. Nos. 1 466 01/05



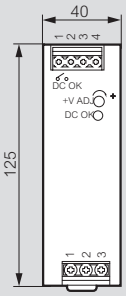
Cat. Nos. 1 466 02/03/06/07/09



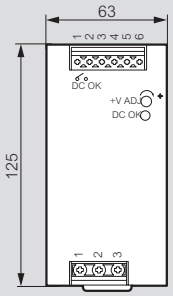
Cat. Nos. 1 466 13/22



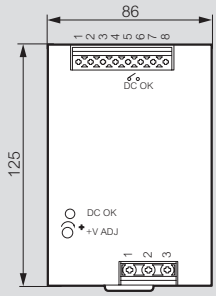
Cat. Nos. 1 466 14/23/42/54/63/82



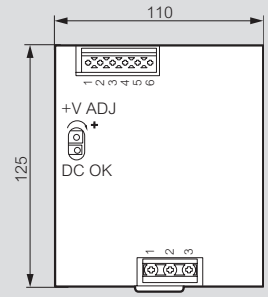
Cat. Nos. 1 466 24/43/64/83



Cat. Nos. 1 466 25/44/65/84



Cat. Nos. 1 466 26/36/39



Cat.Nos	Output					Input			Efficiency (%)	Starting time at Pn (s)	Holding time at Pn (ms)	Operating temperatures w/o derating (°C)(5)	Derating MAX temperature and coefficient(5)		Depth (mm)	Weight (kg)
	Voltage (V)	Nominal rating (A)	Nominal power (Pn in W)	Peak power (3 s) (W)	Flexible copper conductor size (mm²)	Voltage Min - Max (V~)	Voltage Min - Max (V=)	Current consumption (A)	Flexible copper conductor size (mm²)					(°C)	(W/°C)		
1 466 01	12	1.67	20	-	2.5	85 - 264	120 - 370	0.55/0.35(2)	2.5	80	1.03/0.53(2)	20/50(2)	-20 to +50	+70	0.55	100	0.19
1 466 02	12	3.33	40	-	2.5	85 - 264	120 - 370	1.1/0.7(2)	2.5	86	0.53/0.53(2)	20/50(2)	-20 to +60	+70	1.6	100	0.3
1 466 03	12	5	60	-	2.5	85 - 264	120 - 370	1.8/1(2)	2.5	86	0.53/0.53(2)	20/50(2)	-20 to +55	+70	1.6	100	0.33
1 466 05	24	1	24	-	2.5	85 - 264	120 - 370	0.55/0.35(2)	2.5	84	1.03/0.53(2)	20/50(2)	-20 to +50	+70	0.65	100	0.19
1 466 06	24	1.7	40	-	2.5	85 - 264	120 - 370	1.1/0.7(2)	2.5	88	0.53/0.53(2)	20/50(2)	-20 to +60	+70	1.6	100	0.3
1 466 07	24	2.5	60	-	2.5	85 - 264	120 - 370	1.8/1(2)	2.5	88	0.53/0.53(2)	20/50(2)	-20 to +55	+70	1.6	100	0.33
1 466 09	48	1.25	60	-	2.5	85 - 264	120 - 370	1.8/1(2)	2.5	87	0.53/0.53(2)	20/50(2)	-20 to +55	+70	1.6	100	0.33
1 466 13	12	6.3	75	112.5	2.5	88 - 264	124 - 370	1.4/0.85(2)	2.5	88.5	3.06/1.56(2)	20/80(2)	-25 to +55	+70	1.27	102	0.51
1 466 14	12	10	120	180	4	88 - 264	124 - 370	1.4/0.7(2)	4	89	3.06/1.56(2)	20/20(2)	-25 to +55	+70	2	114	0.67
1 466 22	24	3.2	75	112.5	2.5	88 - 264	124 - 370	1.4/0.85(2)	2.5	89	3.06/1.56(2)	20/80(2)	-25 to +60	+70	1.9	102	0.51
1 466 23	24	5	120	180	4	88 - 264	124 - 370	1.4/0.7(2)	4	91	3.06/1.56(2)	20/20(2)	-25 to +60	+70	3	114	0.67
1 466 24	24	10	240	360	4	88 - 264	124 - 370	2.6/1.3(2)	4	94	3.06/1.56(2)	20/20(2)	-25 to +60	+70	6	114	1.03
1 466 25	24	20	480	720	4	88 - 264	124 - 370	5/2.5(2)	4	94	3.15/1.65(2)	14/14(2)	-25 to +60	+70	9.6	129	1.6
1 466 26	24	40	960	1248	4	180 - 264	254 - 370	6 (230 V~)	4	94	1.1 (230 V~)	14 (230 V~)	-30 to +50	+70	19.2	150	2.47
1 466 42	48	2.5	120	180	4	88 - 264	124 - 370	1.4/0.7(2)	4	90.5	3.06/1.56(2)	20/20(2)	-25 to +60	+70	3	114	0.67
1 466 43	48	5	240	360	4	88 - 264	124 - 370	2.6/1.3(2)	4	94	3.06/1.56(2)	20/20(2)	-25 to +60	+70	6	114	1.03
1 466 44	48	10	480	720	4	88 - 264	124 - 370	5/2.5(2)	4	94	3.15/1.65(2)	14/14(2)	-25 to +60	+70	9.6	129	1.6
1 466 54	12	10	120	-	4	180 - 550	254 - 780	1.2/0.55(3)	4	89.5	2.07/2.07(3)	10/50(3)	-25 to +50	+60	4.8	114	0.65
1 466 63	24	5	120	-	4	180 - 550	254 - 780	1.2/0.55(3)	4	91	2.07/2.07(3)	10/50(3)	-25 to +60	+70	4.8	114	0.65
1 466 64	24	10	240	-	4	180 - 550	254 - 780	2/1(3)	4	91	1.65/0.95(3)	18/18(3)	-30 to +50	+70	4.8	114	1.06
1 466 65	24	20	480	-	4	180 - 550	254 - 780	4/1.6(3)	4	92	2.15/0.95(3)	16/18(3)	-30 to +50	+70	9.6	129	1.7
1 466 82	48	2.5	120	-	4	180 - 550	254 - 780	1.2/0.55(3)	4	92	2.07/2.07(3)	10/50(3)	-25 to +60	+70	4.8	114	0.65
1 466 83	48	5	240	-	4	180 - 550	254 - 780	2/1(3)	4	91	1.65/0.95(3)	18/18(3)	-30 to +50	+70	4.8	114	1.06
1 466 84	48	10	480	-	4	180 - 550	254 - 780	4/1.6(3)	4	92	2.15/0.95(3)	16/18(3)	-30 to +50	+70	9.6	129	1.7
1 466 36	24	40	960(1)	-	4	340 - 550	480 - 780	2/1.4(4)	4	94	1.1/0.9(4)	12/14(4)	-30 to +50	+70	19.2	150	2.47
1 466 39	48	20	960(1)	-	4	340 - 550	480 - 780	2/1.4(4)	4	94.5	1.1/0.9(4)	12/14(4)	-30 to +50	+70	19.2	150	2.47

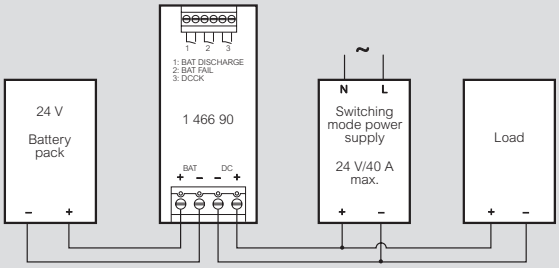
1: 80% of the nominal power in the event of power supply on 2 phases
2: 115 V~/230 V~
3: 230 V~/400 V~
4: 400 V~/500 V~
5: Example: power for Cat.Nos 1 466 24 at an ambient temperature of 65°C: 240 - (5 x 6) = 210 W

Stabilised switched mode power supplies

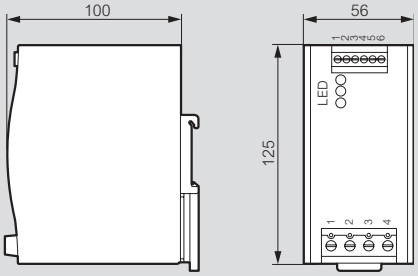
additional functions

Backup function module

Module Cat.Nos 1 466 90 charges the associated battery pack and manages the power supply in the event of a power supply failure on a 24 V⎓ system
LED indicators and relay contacts indicate the following faults:
- "DC OK": normal operation
  Green LED on
  Contact closed if 21 V < V⎓ < 29 V (±3%)
- "Battery fail": battery problem
  Red LED on
  Contact closed if V⎓ < 21.9 V (±3%) or battery not working
- "Battery discharge": battery operation
  Yellow LED on if discharge current > 2 A
  Contact closed



- Max. continuous rating: 40 A
- Relay contacts: 30 V⎓ max.



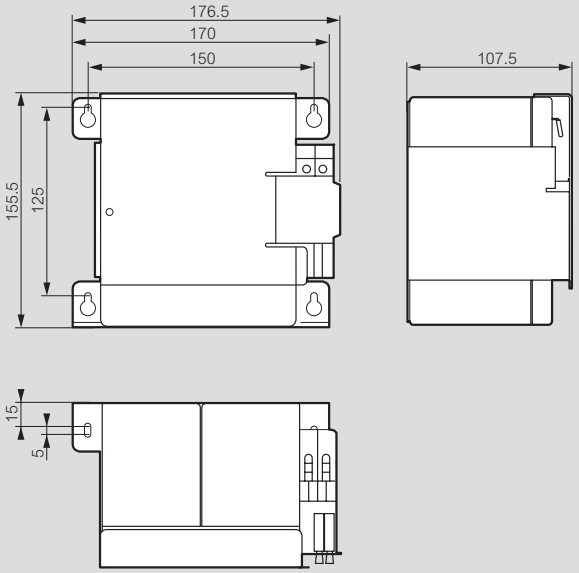
Battery pack for backup function

The battery pack Cat.No 1 466 93 is associated with module Cat.No 1 466 90.
The table below gives the holding time according to the rating to be backed up, with a fully-charged battery:

Rating to be backed up (A)	Dwell time																				
	Seconds				Minutes													Hours			
	1	5	10	30	2	3	4	5	6	7	8	9	10	15	20	30	40	50	1	2	3	5
1																					
3																				(1)	
5																			(1)		
7																		(1)			
9																(1)	(1)				
10															(1)	(1)					
15														(1)	(1)						
20										(1)	(1)	(1)	(1)								
25								(1)	(1)	(1)	(1)										
30						(1)	(1)														
40			(1)																		

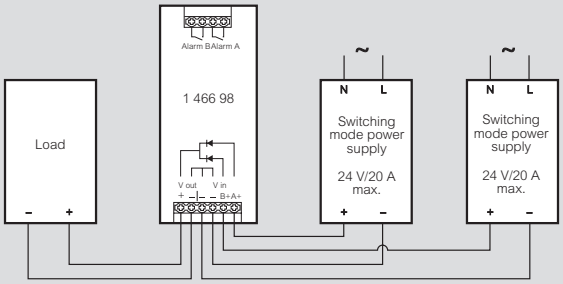
1: use of 2 battery packs Cat.Nos 1 466 93 in parallel

- Equipped with fuses (2 x 25A AT0 type)

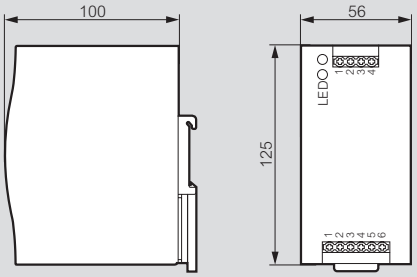


Redundancy function module

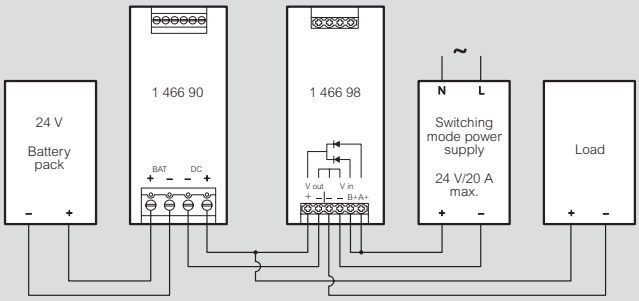
Module Cat.Nos 1 466 98 controls two 24 V⎓ switching mode power supplies
In the event of failure of one of the power supplies, it switches over to the operational power supply and indicates the fault via LED indicators and relay contacts.



- Max. continuous rating: 20 A
- Relay contacts: 30 V⎓ max.



Example of combined use of a backup function module and a redundancy module



Protection devices at the input of power supplies

Protection devices to be combined at the input of Stabilised switched mode power supplies

	Power (W)	Cat.Nos	Fuse	Circuit breaker	
				Rating	Cat.Nos
Single-phase	20	1 466 01	T2A H (250 V)	2 A - curve C	4 076 93
	24	1 466 05			
	40	1 466 02	T2.5A H (250 V)	3 A - curve C	4 076 94
		1 466 06			
	60	1 466 03			
		1 466 07			
		1 466 09			
	75	1 466 13	T3.15A H (250 V)	4 A - curve C	4 076 95
		1 466 22			
	120	1 466 14	T4A H (250 V)		
		1 466 23			
		1 466 42			
	240	1 466 24	T5A H (250 V)	6 A - curve C	4 076 96
		1 466 43			
	480	1 466 25	T8A H (250 V)	8 A - curve C	4 076 97
		1 466 44			
	960	1 466 26	F10A H	10 A - curve C	4 076 98
Single/two-phase	120	1 466 54	T4A H (500 V)	4 A - curve C	4 077 79
		1 466 63			
		1 466 82			
	240	1 466 64			
		1 466 83			
	480	1 466 65	T6.3A H (500 V)	6 A - curve C	4 077 80
		1 466 84			
Three-phase	960	1 466 36	T6.3A H (500 V)	6 A - curve C	4 078 36
		1 466 39			

Circuit breaker protection devices to be combined at the input of filtered rectified power supplies

Filtered			
	24 V range		
Rating	Cat.Nos	D circuit breaker	
		230 V	400 V
0.5 A	0 470 20		
1 A	0 470 21		
2.5 A	0 470 22	4 080 08	4 080 08
5 A	0 470 23	4 080 09	4 080 09
10 A	0 470 24	4 080 12	4 080 10
15 A	0 470 25	4 080 12	4 080 12
25 A	0 470 26	4 080 14	4 080 12
40 A	0 470 28	4 080 15	4 080 14
50 A	0 470 29	4 080 15	4 080 14

Fuse protection devices to be combined at the input of filtered rectified power supplies for UL conformity

230 V voltage: 250 V time-delayed fuse, high breaking capacity,
UL recognised Category Code JDYX2
400 V voltage: 500 V time-delayed fuse, high breaking capacity,
UL recognised Category Code JDYX

Output voltage	24 V	
Input voltage	230 V~	400 V~
Supply	0 470 20	
Cartridge	0.315 A	2/10 A
Supply	0 470 21	
Cartridge	0.4 A	2/10 A
Supply	0 470 22	
Cartridge	1 A	6/10 A
Supply	0 470 23	
Cartridge	2 A	1 A
Supply	0 470 24	
Cartridge	4 A	2 1/4 A
Supply	0 470 25	
Cartridge	6.3 A	3 A

Note for approval: operation in vertical position (mounting support), class A and ambient temperature 25°C

Protection devices at the output of power supplies

Protection devices at the output

Switched mode, stabilised

I \ Us	Combinable protections	Single-phase, stabilised 12 V	24 V	48 V
1 A	Supply		1 466 05	
	Breaker		4 077 76 (1 A)	
1.25 A	Supply			1 466 09
	Breaker			4 077 77 (2 A)
1.67 A	Supply	1 466 01		
	Breaker	4 077 77 (2 A)		
1.7 A	Supply		1 466 06	
	Breaker		4 077 77 (2 A)	
2.5 A	Supply		1 466 07	1 466 42
	Breaker		4 077 78 (3 A)	4 077 78 (3 A)
3.33/3.2 A	Supply	1 466 02 (3.33 A)	1 466 22 (3,2 A)	
	Breaker	4 077 79 (4 A)	4 077 79 (4 A)	
5 A	Supply	1 466 03	1 466 23	1 466 43
	Breaker	4 077 80 (6 A)	4 077 80 (6 A)	4 077 80 (6 A)
6.3 A	Supply	1 466 13		
	Breaker	4 077 81 (8 A)		
10 A	Supply	1 466 14	1 466 24	1 466 44
	Breaker	4 077 82 (10 A)	4 077 82 (10 A)	4 077 82 (10 A)
20 A	Supply		1 466 25	
	Breaker		4 077 85 (20 A)	
40 A	Supply		1 466 26	
	Breaker		4 077 88 (40 A)	

I \ Us	Combinable protections	Single/two-phase and three-phase, stabilised 12 V	24 V	48 V
2.5 A	Supply			1 466 82
	Breaker			4 077 78 (3 A)
5 A	Supply		1 466 63	1 466 83
	Breaker		4 077 80 (6 A)	4 077 80 (6 A)
10 A	Supply	1 466 54	1 466 64	1 466 84
	Breaker	4 077 82 (10 A)	4 077 82 (10 A)	4 077 82 (10 A)
20 A	Supply		1 466 65	1 466 39
	Breaker		4 077 85 (20 A)	4 077 85 (20 A)
40 A	Supply		1 466 36	
	Breaker		4 077 88 (40 A)	

Rectified power supplies

I \ Us	Protections	Single-phase, filtered Primary 230/400 V ± 15 V 12 V integral fuse	12 V combine with breaker	24 V integral fuse	24 V combine with breaker	48 V integral fuse	48 V combine with breaker
0.5 A	Supply			0 470 20			
				T 0.5 AL[2]	4 077 74 (0.5 A)		
1 A	Supply	0 470 01		0 470 21		0 470 41	
		T 1 AL[2]	4 077 76 (1 A)	T 1 AL[2]	4 088 80 (1 A)	T 1 AL[2]	4 077 76 (1 A)
2.5 A	Supply	0 470 02		0 470 22		0 470 42	
		T 2.5 AL[2]	4 077 78 (3 A)	T 2.5 AL[2]	4 077 78 (3 A)	T 2.5 AL[2]	4 089 54 (3 A)
5 A	Supply	0 470 03		0 470 23		0 470 43	
		T 5 AL[2]	4 077 80 (6 A)	T 5 AL[2]	4 077 80 (6 A)	T 5 AL[2]	4 089 56 (6 A)
10 A	Supply	0 470 04		0 470 24		0 470 44	
		T 10 AL[2]	4 077 82 (10 A)	T 10 AL[2]	4 077 82 (10 A)	T 10 AL[2]	4 077 82 (10 A)
15 A	Supply			0 470 25		0 470 45	
				0 133 16[3]	4 077 84 (16 A)	0 133 16[3]	4 077 84 (16 A)
25 A	Supply	0 470 06		0 470 26		0 470 46	
		0 133 25[3]	4 077 86 (25 A)	0 133 25[3]	4 077 86 (25 A)	0 133 25[3]	4 077 86 (25 A)
40 A	Supply			0 470 28			
				0 133 40[3]	4 077 88 (40 A)		
50 A	Supply			0 470 29			
				0 133 50[3]	4 077 89 (50 A)		

Filtered rectified power supplies

0 470 23

0 470 24

High reliability power supplies without any pollution on electrical networks
Supplied with an insulated coupling bar for fast connection between the – and T terminals up to 15 A
Clip-on only up to 24 W, clip-on or screw fixing up to 120 W
Above 120 W: screw fixing
Conform to standards IEC and EN 61558-2-6, UL 62368-1 and CAN/CSA-C22.2 No 62368-1-14
UL USA and Canada agreements up to 240 W
Products suitable for building equipment conforming to standards EN 61131-2, EN 60204 and EN 61439-1

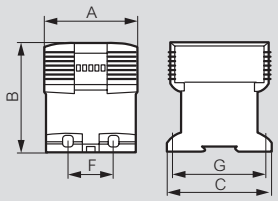
Single-phase power supplies

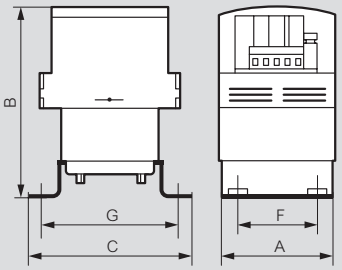
Consisting of:
- a safety transformer with interference filtering
- double operating terminals
- filter capacitors
- fused protection in the secondary
- a green operating voltage present indicator

24 V⎓
230-400 V ± 15 V∿ (primary) / 24 V⎓ (secondary)

Pack	Cat.Nos	Output (W)	Current (A)	Terminal capacity Flexible cables Input	Terminal capacity Flexible cables Output
1	0 470 21	24	1	4	4
1	0 470 22	60	2.5	4	4
1	0 470 23	120	5	4	4
1	0 470 24	240	10	4	4
1	0 470 25	360	15	4	4
1	0 470 26	600	25	4	10
1	0 470 28	960	40	4	16
1	0 470 29	1200	50	6	35

Dimensions





Cat.Nos	Out voltage (V)	Out current (A)	Fig.	Dimensions (mm) A	B	C	Fixing (mm) F	G	Ø	Weight (kg)
0 470 21	24	1	1	68	98	88	-	-	-	1
0 470 22	24	2.5	1	93	121	105	45	94	4.6	2.45
0 470 23	24	5	1	105	135	115	45	104	4.6	3.6
0 470 24	24	10	2	126	186	175	75	150	5.5	6.35
0 470 25	24	15	2	126	206	175	75	150	5.5	7.6
0 470 26	24	25	3	180	238	290	150	105	9	18.1
0 470 28	24	40	4	310	265	478	445	200	7	50
0 470 29	24	50	4	335	315	575	542	200	7	60

Cat.Nos	Primary on-load (A) current at 230 V	Primary on-load (A) current at 400 V	Operating voltages Open circuit (V)	On-load (V)	On-load 100 mA and primary voltage + 10 %	Nominal on-load and primary voltage - 15 %	No-load losses (W)	Total losses at 100 % load (W)	Voltage drop %
0 470 21	0.18	0.10	29.0	22.8	31.2	20.2	4.4	10.3	27.03
0 470 22	0.47	0.27	27.8	23.3	30.4	20.4	8.3	16.3	19.46
0 470 23	0.88	0.51	27.5	23.2	30.2	20.3	11.4	25.4	18.68
0 470 24	1.88	1.09	27.7	23.5	30.5	20.5	20	45.3	18.20
0 470 25	2.53	1.46	27.5	23.2	30.2	20.2	23	54.7	18.70
0 470 26	4.70	2.70	28.3	24	31.1	20.9	41.3	76.8	17.92
0 470 28	6.20	3.60	28.4	23.2	31.2	20.4	230	340	22.41
0 470 29	7.20	4.10	25.4	23.5	27.9	20.2	194	340	8.09

Green'up™ sockets and charging stations with integrated DC protection

for electric vehicles and plug-in hybrids

		IP	IK	Charging mode	Power (kW)	Number of charging points	Wall mounting	Free standing	Options: Communication kit	Options: RFID reader (Used with communication kit Cat.No 0 590 56)	Average charging time (in hours) depending on the vehicle and battery type: Vehicle battery capacity 15/16 kW/h	22/24 kW/h	30/32 kW/h
SINGLE-PHASE SOCKETS - 230 V													
	Plastic	55	08	Mode 2	3.7	1	0 904 70(1) 0 904 72	-	-	-	4(2)	6(2)	-
	Plastic	55	08	Mode 2	3.7	1	0 697 85L	-	-	-	4(2)	6(2)	-
	Metal	55	10	Mode 2	3.7	1	0 778 56	-	-	-	4(2)	6(2)	-
	Metal with key	55	10	Mode 2	3.7	1	0 778 57	-	-	-	4(2)	6(2)	-
SINGLE-PHASE CHARGING STATIONS WITH INTEGRATED DC PROTECTION - 230 V													
	Plastic	54	10	Mode 3	3.7	1	0 570 10 0 570 11(3)	0 570 10/11(3) + 0 570 18	-	-	4	6	8
					7.4	1	0 570 12 0 570 13(3)	0 570 12/13(3) + 0 570 18	-	-	2	3.5	4.5
	Plastic	44	08	Mode 3	3.7 / 4.6	1	0 580 00	0 580 00 + 0 590 52	0 590 56	-	4	6	8
							0 590 05	0 590 05 + 0 590 52	embedded	embedded	4	6	8
					7.4	1	0 580 01	0 580 01 + 0 590 52	0 590 56	-	2	3.5	4.5
							0 590 06	0 590 06 + 0 590 52	embedded	embedded	2	3.5	4.5
	Plastic	44	08	Modes 2 and 3	3.7 / 4.6	1	0 580 30	0 580 30 + 0 590 52	0 590 56	-	4	6	8
							0 590 70	0 590 70 + 0 590 52	embedded	embedded	4	6	8
					7.4	1	0 580 35	0 580 35 + 0 590 52	0 590 56	-	2	3.5	4.5
							0 590 71	0 590 71 + 0 590 52	embedded	embedded	2	3.5	4.5
	Metal	55	10	Modes 2 and 3	3.7 / 4.6	1	0 580 41 + 0 590 53	0 580 41 + 0 590 54	0 590 56	0 590 59 + 0 590 56	4	6	8
						2	0 580 42 + 0 590 53	0 580 42 + 0 590 54	0 590 56	0 590 59 + 0 590 56	4	6	8
		55	10		7.4	1	0 580 43 + 0 590 53	0 580 43 + 0 590 54	0 590 56	0 590 59 + 0 590 56	2	3.5	4.5
						2	0 580 44 + 0 590 53	0 580 44 + 0 590 54	0 590 56	0 590 59 + 0 590 56	2	3.5	4.5
THREE-PHASE CHARGING STATIONS WITH INTEGRATED DC PROTECTION - 400 V													
	Plastic	54	10	Mode 3	11	1	0 570 14 0 570 15(3)	0 570 14/15(3) + 0 570 18	-	-	1.5	2	3
					22	1	0 570 16 0 570 17(3)	0 570 16/17(3) + 0 570 18	-	-	0.75	1	1.5
	Plastic	44	08	Mode 3	22	1	0 580 02	0 580 02 + 0 590 52	0 590 56	-	0.75	1	1.5
							0 590 07	0 590 07 + 0 590 52	embedded	embedded	0.75	1	1.5
	Metal	55	10	Modes 2 and 3	22	1	0 580 48 + 0 590 53	0 580 48 + 0 590 54	0 590 56	0 590 59 + 0 590 56	0.75	1	1.5
						2	0 580 49 + 0 590 53	0 580 49 + 0 590 54	0 590 56	0 590 59 + 0 590 56	0.75	1	1.5

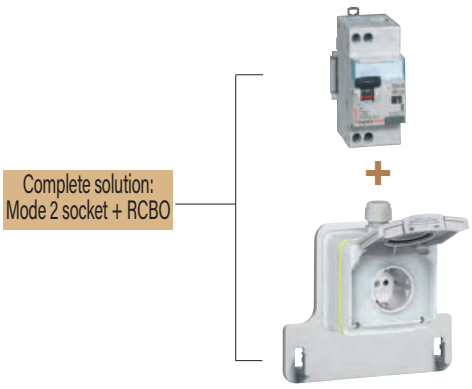
1: Ready to install version, supplied with RCBO
2: For vehicles with cable equipped with Legrand Green'up plug
3: With integrated proctection (RCBO)

Red catalogue numbers: New products

Green'up™ Access ready to install kit

for electric vehicle charging

The Green'up system is based on an innovative Legrand technology, activating "maximum power" mode and ensuring a secure and fast charging process.



0 904 70

Installation principle **p. 514**
Dimensions **p. 514**

Pack	Cat.Nos	Ready to install kit - 16 A EV
1	0 904 70	Allows creating a safe infrastructure for electric and hybrid vehicle charging, using Mode 2 (or Mode 1) charging cables. Suitable for residential and workplace use Power supply directly from the electrical panel: 1 dedicated line 3 x 2.5 mm² cable, protected with one RCBO (one line per socket) The kit contains: - 1 heavy duty German standard Green'up Access plastic socket, with flap cover, IP 55 - IK 08 - 16 A - 230 V - 16 A EV, 6 mm² screw terminals, according to IEC 60884-1, NF C 61-314, VDE 620-1 - 1 base for hanging up the vehicle charging cable control box - 1 RCBO 16 A, C curve, 30 mA, F type Cat.No 4 107 53 The use of a surge protective device is recommended Recommended installation height: between 0.80 and 1.20 m from the floor

Green'up™ Access sockets
16 A - 230 V - 16 A EV - for electric vehicles

0 904 72

0 697 85L

0 778 56

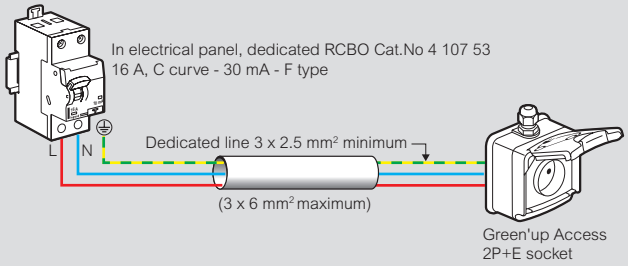
Installation principle **p. 514**
Dimensions **p. 514**

Used for safely charging rechargeable electric and hybrid vehicles which take Mode 2 cord (compatible with Mode 1)
Connected to the consumer panel via one 3 x 2.5 mm² dedicated line (1 line per socket) protected by 30 mA - 16 A C curve, F type (Hpi) RCBO (or 30 mA F type (Hpi) RCCB + 16 A C curve circuit breaker)
Recommended installation height: 1.30 m from the floor
Suitable for residential and workplace use

Pack	Cat.Nos	Mode 1 and Mode 2 sockets - 16 A EV
		Heavy-duty mechanisms with silvered contacts Single-phase sockets - screw connection - 230 V Supplied with base Cat.No 0 904 78 for hanging up the vehicle charging cable control box For charging 1 vehicle Conform to IEC 60-884-1 Suitable for installation in private houses Plastic socket with flap cover
1	0 904 72	**IP 55 - IK 08 surface-mounting** Supplied complete with surface mounting box fitted with an ISO 20 cable gland Dimensions (H x W x D): 98 x 98 x 70 mm (exc. cable gland) German standard socket outlet
1	0 697 85L	Plexo design Supplied complete with surface mounting box Dimensions (H x W x D): 84.5 x 82 x 63.5 mm
		IP 55 - IK 10 flush-mounting - metal socket Suitable for installation in private houses, lock-up garages, parking lots, etc Supplied complete with plate and support Mounting in 1-gang Batibox flush-mounting box depth 50 mm Can be surface mounted with box Cat.No 0 778 90 Dimensions (H x W x D): 110 x 110 x 13.5 mm
1	0 778 56	German standard socket outlet
		IP 55 - IK 10 flush-mounting - metal socket with locked flap cover Suitable for installation in private houses, lock-up garages, parking lots, etc Supplied complete with plate and support Mounting in 1-gang Batibox flush-mounting box depth 50 mm Can be surface mounted with box Cat.No 0 778 90 Dimensions (H x W x D): 110 x 110 x 13.5 mm Supplied complete with a unique set of 2 keys in order to restrict access to the socket
1	0 778 57	German standard socket outlet

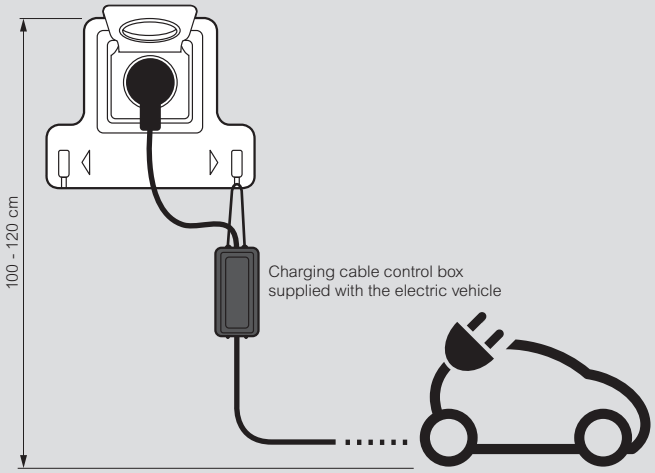
Red catalogue numbers: New products

Installation principle for an individual Mode 2 socket



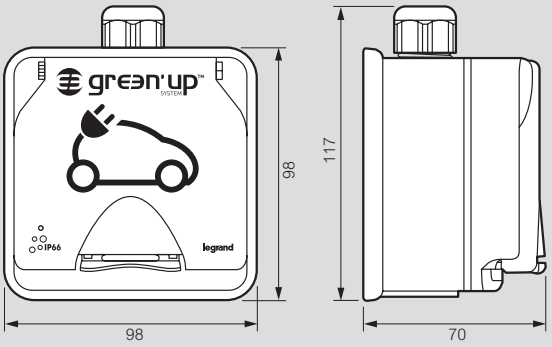
- Can be controlled by clock/switch type control units, etc. (to be ordered separately)
- Use of a surge protective device is recommended

Use of bracket Cat.No 0 904 78 (supplied with the kit Cat.No 0 904 70)

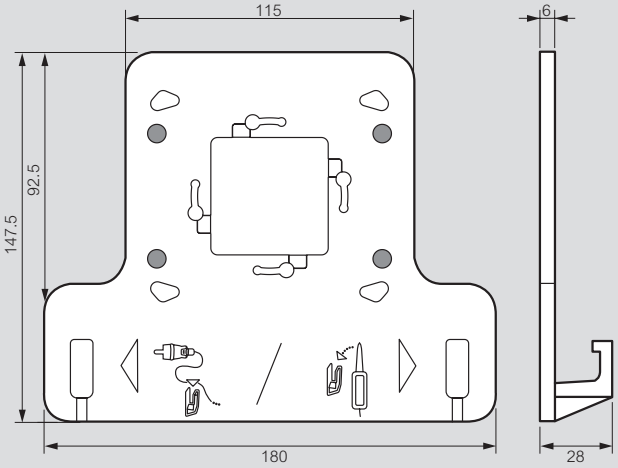


Dimensions

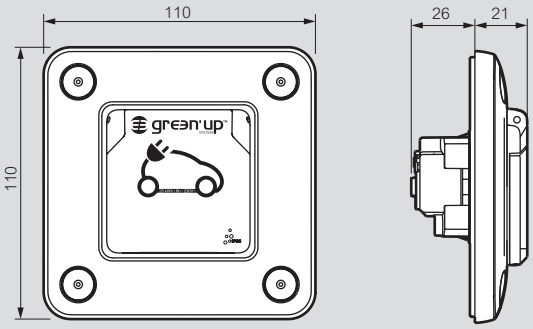
Cat.No 0 904 72



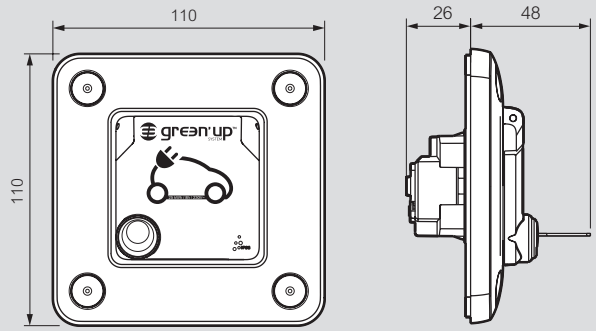
Cat.No 0 904 78 (supplied with the kit Cat.No 0 904 70)



Cat.No 0 778 56



Cat.No 0 778 57



Green'up™ One charging stations

for electric vehicle charging

Green'up™ One charging stations

for electric vehicle charging

CHARGER CONTROL

With power adjustment function

With integrated 6 mA ⎓ protection

0 570 16

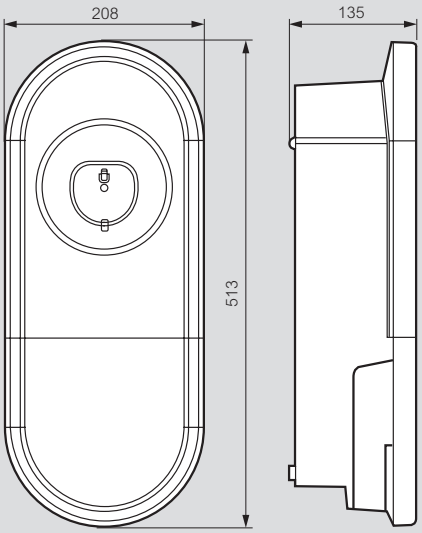
0 570 18

0 570 18 + 0 570 16

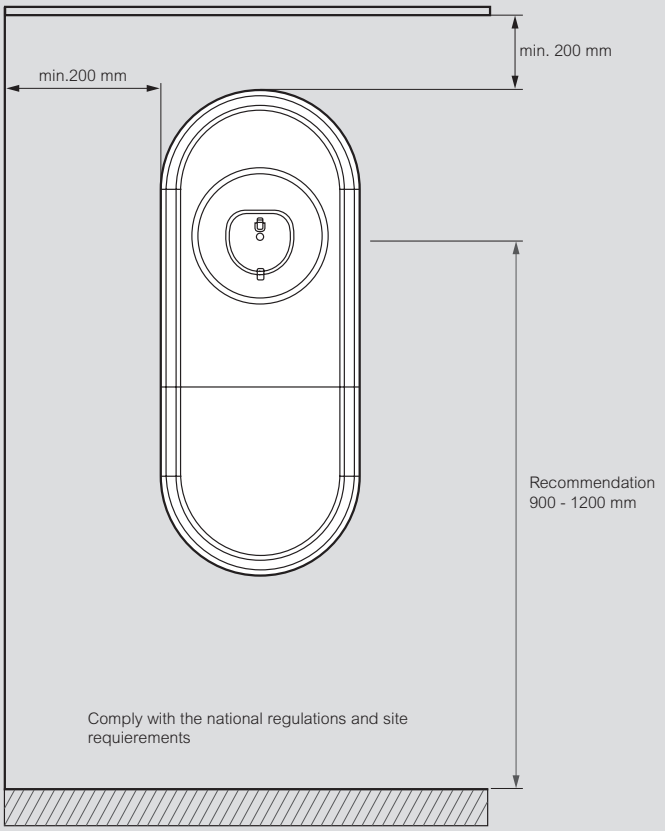
Recommended for individual home installations
Integrated 6 mA DC detection
For charging all electric vehicles (equipped with single-phase and three-phase chargers) and plug-in hybrids in Mode 3 in complete safety.
Compliant with standard IEC 61851-1
Charging station power can be adjusted with adapted protection devices and power supply circuits. Local wireless communication via embedded Bluetooth for configuration and control of charging station via smartphone or tablet using the IOS or Android CHARGER CONTROL App. (power limitation, ON/OFF management, status, LED brigthness, load management settings)
Equipped with:
- a 5 m cord, plug holder and Type 2 plug (single-phase or three-phase operation) with pilot wire (Mode 3)
- LED indicating the status of the charge (green / blue / red / yellow)
Connected and protected from the electrical panel via 1 protected dedicated line
Remote ON/OFF control option (volt-free contact input 12 V=).
Compatible with connected dry contact Cat.No 4 121 73 (p. 113) controlled remotely using a smartphone via the Home + Control App.

Pack	Cat.Nos	
		Plastic single-phase charging stations - Mode 3
		IP 54 - IK 10 For charging 1 vehicle Wall mounting charging stations. Can be equipped with pedestal Cat.No 0 570 18 for fixing to the ground
		3.7 kW - 16 A (adjustable from 6 A to 16 A)
1	0 570 10	Without integrated protection
1	0 570 11	With integrated protection (RCBO) : 16 A - 30 mA
		7.4 kW - 32 A (adjustable from 6 A to 32 A)
1	0 570 12	Without integrated protection
1	0 570 13	With integrated protection (RCBO) : 32 A - 30 mA
		Plastic three-phase charging stations - Mode 3
		IP 54 - IK 10 For charging 1 vehicle Wall mounting charging stations. Can be equipped with pedestal Cat.No 0 570 18 for fixing to the ground
		11 kW - 16 A (adjustable from 6 A to 16 A)
1	0 570 14	Without integrated protection
1	0 570 15	With integrated protection (RCBO) : 16 A - 30 mA
		22 kW - 32 A (adjustable from 6 A to 32 A)
1	0 570 16	Without integrated protection
1	0 570 17	With integrated protection (RCBO) : 32 A - 30 mA
		Metal pedestal for Green'up One charging stations
1	0 570 18	For fixing charging stations to the ground Can take one or two charging stations

Dimensions



Minimum space needed for operation and maintenance



Red catalogue numbers: New products

Green'up™ Premium charging stations with integrated DC protection

for electric vehicle charging

EV CHARGE light

With power adjustment function

With integrated 6 mA ⎓ protection

0 580 30

0 580 30 + 0 590 52 (p. 518)

0 580 42 + 0 590 54 (p. 518)

0 580 42 + 0 590 53 (p. 518)

Technical characteristics and wiring diagrams **p. 519-520**
Dimensions **p. 521-522**

For charging all electric vehicles (equipped with single-phase and three-phase chargers) and plug-in hybrids in Mode 2 or Mode 3 in complete safety
Compliant with standard IEC 61851-1
Charging station power can be adjusted with adapted protection devices and power supply circuits. Local wireless communication via embedded Bluetooth for configuration and control of charging station via smartphone or tablet using the IOS or Android EV CHARGE App.
Available functions: charging station status, daily charging program, charging station activation/deactivation, power management, firmware updates
Application additional functions: weekly changing program, consumption monitoring
Remote wireless IP communication with communication kit Cat.No 0 590 56 (p.519)
Equipped with:
- a 2P+E socket with Green'up Access safety shutter featuring the innovative Green'up system. a Legrand Group technology which activates "maximum power" mode. ensuring fast. safe charging for 2P+E plugs (Mode 2)(2)
- a 3P+N+E (T2S) Type 2 socket with blanking plates (single-phase or three-phase operation) with pilot wire (Mode 3).
Integrated protection : 6 mA ⎓
Connected and protected from the electrical panel via 1 protected dedicated line (2 dedicated lines for 2-vehicle charging station)
Off-peak control option via contactor. clock and switch (volt-free contact input 12 V⎓)
Remote ON/OFF control option (volt-free contact input 12 V⎓)

Pack	Cat.Nos	
		Plastic single-phase charging stations - Mode 3
		IP 44 - IK 08 Wall mounting charging stations to be equipped with pedestal Cat.No 0 590 52 for fixing to the ground
		3.7/4.6 kW - 16/20 A
1	0 580 00	For charging 1 vehicle
		7.4 kW - 32 A Power adjustment option: - 3.7/4.6/5.7/7.4 kW - 16/20/25/32 A
1	0 580 01	For charging 1 vehicle
		Plastic single-phase charging stations - Modes 2 and 3
		IP 44 - IK 08 Wall mounting charging stations to be equipped with pedestal Cat.No 0 590 52 for fixing to the ground
		3,7/4,6 kW - 16/20 A
1	0 580 30	For charging 1 vehicle
		7,4 kW - 32 A Power adjustment option: - 3.7/4.6/5.7/7.4 kW - 16/20/25/32 A
1	0 580 35	For charging 1 vehicle
		Metal single-phase charging stations - Modes 2 and 3
		IP 55 - IK 10 Must be equipped with the following for: - wall mounting version: a mounting kit supplied with a metal front cover Cat.No 0 590 53 - free standing version: a pedestal supplied with a metal front cover Cat.No 0 590 54
		3.7/4.6 kW - 16/20 A
1	0 580 41	For charging 1 vehicle
1	0 580 42	For charging 2 vehicles simultaneously

Pack	Cat.Nos	
		Metal single-phase charging stations - Modes 2 and 3 (continued)
		7.4 kW - 32 A Power adjustment option: - 3.7/4.6/5.7/7.4 kW - 16/20/25/32 A
1	0 580 43	For charging 1 vehicle
1	0 580 44	For charging 2 vehicles simultaneously
		Plastic three-phase charging station - Mode 3
		IP 44 - IK 08 Wall mounting charging station to be equipped with pedestal Cat.No 0 590 52 for fixing to the ground
		22 kW - 32 A Power adjustment option: - 11/15/18/22 kW - 16/20/25/32 A
1	0 580 02	For charging 1 vehicle
		Metal three-phase charging stations - Modes 2 and 3
		IP 55 - IK 10 Must be equipped with the following for: - wall mounting version: a wall mounting kit supplied with a metal front cover Cat.No 0 590 53 - free standing version: a mounting pedestal supplied with a metal front cover Cat.No 0 590 54
		22 kW - 32 A Power adjustment option: - 11/15/18/22 kW - 16/20/25/32 A
1	0 580 48	For charging 1 vehicle
1	0 580 49	For charging 2 vehicles simultaneously

1: Charging stations compliant with EV Ready specifications for construction regulations applicable to these products
2: For vehicles with cable equipped with Legrand Green'up plug

Red catalogue numbers: New products

Green'up™ Premium charging stations with integrated DC protection and RFID reader - for electric vehicle charging

EV CHARGE light

With power adjustment function

With integrated 6 mA ⎓ protection

0 590 70

0 590 70 + 0 590 52 (p. 518)

Technical characteristics and wiring diagrams **p. 519-520**
Dimensions **p. 521-522**

For charging all electric vehicles (equipped with single-phase and three-phase chargers) and plug-in hybrids in Mode 2 or Mode 3 in complete safety
Compliant with standard IEC 61851-1
Charging station power can be adjusted with adapted protection devices and power supply circuits. Local wireless communication via embedded Bluetooth for configuration and control of charging station via smartphone or tablet using the IOS or Android EV CHARGE App.
Available functions: charging station status, daily charging program, charging station activation/deactivation, power management, firmware updates
Application additional functions: weekly changing program, consumption monitoring.
Integrated communication kit for remote wireless IP communication.
Integrated RFID encoder reader for identification via RFID badge and communication kit for remote management by CPO
Equipped with:
- a 2P+E socket with Green'up Access safety shutter featuring the innovative Green'up system. a Legrand Group technology which activates "maximum power" mode. ensuring fast. safe charging for 2P+E plugs (Mode 2)
- a 3P+N+E (T2S) Type 2 socket with blanking plates (single-phase or three-phase operation) with pilot wire (Mode 3).
Integrated protection : 6 mA ⎓
Connected and protected from the electrical panel via 1 protected dedicated line (2 dedicated lines for 2-vehicle charging station).
Off-peak control option via contactor. clock and switch (volt-free contact input 12 V⎓).
Remote ON/OFF control option (volt-free contact input 12 V⎓).

Plastic single-phase charging stations - Mode 3

IP 44 - IK 08
Wall mounting charging stations to be equipped with pedestal Cat.No 0 590 52 for fixing to the ground

Pack	Cat.Nos	
1	0 590 05	**3.7/4.6 kW - 16/20 A** For charging 1 vehicle **7.4 kW - 32 A** Power adjustment option: - 3.7/4.6/5.7/7.4 kW - 16/20/25/32 A
1	0 590 06	For charging 1 vehicle

Plastic single-phase charging stations - Modes 2 and 3

IP 44 - IK 08
Wall mounting charging stations to be equipped with pedestal Cat.No 0 590 52 for fixing to the ground

Pack	Cat.Nos	
1	0 590 70	**3.7/4.6 kW - 16/20 A** For charging 1 vehicle **7.4 kW - 32 A** Power adjustment option: - 3.7/4.6/5.7/7.4 kW - 16/20/25/32 A
1	0 590 71	For charging 1 vehicle

Plastic three-phase charging station - Mode 3

IP 44 - IK 08
Wall mounting charging stations to be equipped with pedestal Cat.No 0 590 52 for fixing to the ground

Pack	Cat.Nos	
1	0 590 07	**22 kW - 32 A** Power adjustment option: - 11/15/18/22 kW - 16/20/25/32 A For charging 1 vehicle

1: Charging stations compliant with EV Ready specifications for construction regulations applicable to these products

Green'up™ Premium charging stations

equipment for wall mounting or fixing to the ground

0 590 52

Dimensions **p. 521-522**

Pack	Cat.Nos	Equipment for mounting charging stations on the wall or fixing to the ground
		For plastic charging stations
1	0 590 52	Pedestal for fixing plastic charging stations to the ground Option to integrate Plexo³ boxes Cat.No 0 019 04/06/08(4 to 16 modules) for the protection devices
		For metal charging stations
1	0 590 53	Wall mounting kit with metal front cover
1	0 590 54	Pedestal for fixing metal charging stations to the ground Supplied with metal front cover Option to integrate protection devices on plates or rail chassis (dimensions equivalent to Atlantic box 600 x 400 mm)

Green'up™ Premium charging stations

communication options

Identification via RFID badge
0 590 59 + 0 590 56

0 767 11

Pack	Cat.Nos	Communication kit
1	0 590 56	For controlling functions embedded in the charging station and configuring the charging station remotely from a smartphone or PC via IP (RJ 45) or Wi-Fi **IP communication** For connecting the charging station to the installation's IP network and ensuring its compatibility with the following protocols: - OCPP 1.6 and 2.0 - MODBUS RS 485 (one MODBUS address per single charging station and two MODBUS addresses per double charging station)
1	0 590 59	**RFID reader** RFID system (identification via RFID badge, integrated RFID encoder reader) available on metal charging stations with communication kit Cat.No 0 590 56 Supplied with 1 badge to be activated Additional badges to be ordered separately ISO format Mifare Classic technology Cat.No 0 767 11
1	0 767 11	**Badge for RFID reader** Mifare contactless badge ISO format (50 x 80 mm) Chip: 13.56 MHz Standard 1 kB memory

Energy management multi-support web servers

Allow remote configuration, test, control and visualization, via a web browser on PCs, smartphones, web viewers, tablet computers, of data collected from: protection devices (DX³ add-on modules with integrated measurement control unit, DPX³ and DMX³), EMDX³ electricity meters and multi-function measuring units, CX³ energy management system and Green'up charging stations for electric vehicles. Direct IP connection

rail mounting

Power supply: 9 to 28 V ⎓ with the help of a single-phase switching mode power supply Cat.No 1 467 21 (see Legrand general catalog) to be ordered separately

Pack	Cat.Nos		Number of modules
1	4 149 47	For 10 Modbus adresses or 10 pulse modules	4
1	4 149 48	For 32 Modbus adresses or 32 pulse modules	4
		Fixing on plate	
1	4 149 49	For 255 Modbus adresses or 255 pulse modules	

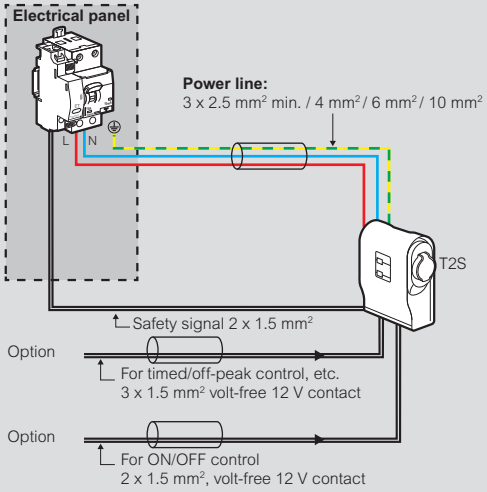
Green'up™ Premium charging stations with integrated DC protection

for electric vehicle charging

Installation principle

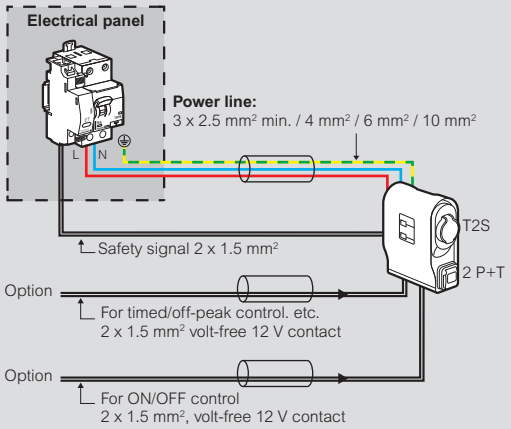
Note: the installation of a surge protective device is recommended.

Single-phase charging stations - Mode 3



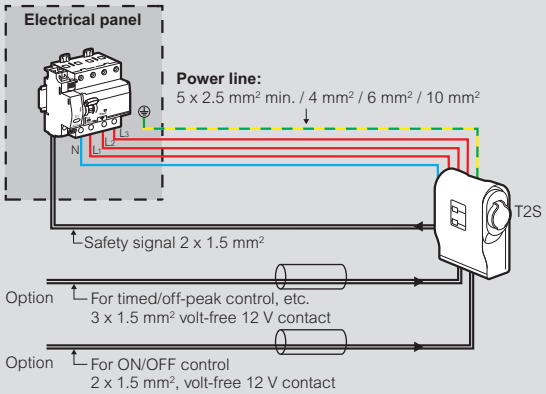
Cat.Nos	0 580 00 / 0 590 05		0 580 01 / 0 590 06			
Power setting (kW)	3.7	4.6	3.7	4.6	5.8	7.4
Charging station rating (A)	16	20	16	20	25	32
Power line protection rating	20 A, C curve	25 A, C curve	20 A, C curve	25 A, C curve	32 A, C curve	40 A, C curve
RCD	30 mA F type		30 mA F type			
Power line protection RCBO (6000/10 kA)	4 110 95	4 110 96	4 110 95	4 110 96	4 110 97	4 110 98
T2S line csa (mm² minimum)	2.5	4	2.5	4	6	10
Shunt trip / safety signal	4 062 76	4 062 76	4 062 76	4 062 76	4 062 76	4 062 76
Surge protective device	0 039 51	0 039 51	0 039 51	0 039 51	0 039 51	0 039 51

Single-phase charging stations - Modes 2 and 3



Cat.Nos	0 580 30 / 0 590 70		0 580 35 / 0 590 71			
Power setting (kW)	3.7	4.6	3.7	4.6	5.8	7.4
Charging station rating (A)	16	20	16	20	25	32
Power line protection rating	20 A, C curve	25 A, C curve	20 A, C curve	25 A, C curve	32 A, C curve	40 A, C curve
RCD	30 mA F type		30 mA F type			
Power line protection RCBO (6000/10 kA)	4 110 95	4 110 96	4 110 95	4 110 96	4 110 97	4 110 98
Power line csa (mm² minimum)	2.5	4	2.5	4	6	10
Shunt trip / safety signal	4 062 76	4 062 76	4 062 76	4 062 76	4 062 76	4 062 76
2P+E line protection	included	included	included	included	included	included
Surge protective device	0 039 51	0 039 51	0 039 51	0 039 51	0 039 51	0 039 51

Three-phase charging stations - Mode 3



Cat.Nos	0 580 02 / 0 590 07			
Power setting (kW)	11	15	18	22
Charging station rating (A)	16	20	25	32
Power line protection rating	20 A, C curve	25 A, C curve	32 A, C curve	40 A, C curve
RCD	30 mA F type			
Power line protection MCB (6000/10 kA)	4 112 45	4 112 46	4 112 47	4 079 32 + 4 105 34
Power line csa (mm² minimum)	2.5	4	6	10
Shunt trip / safety signal	4 062 76	4 062 76	4 062 76	4 062 76
Surge protective device	0 039 53	0 039 53	0 039 53	0 039 53

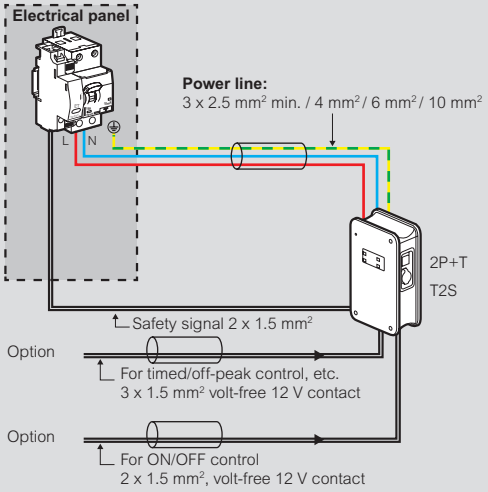
Green'up™ Premium charging stations with integrated DC protection

for electric vehicle charging (continued)

Installation principle

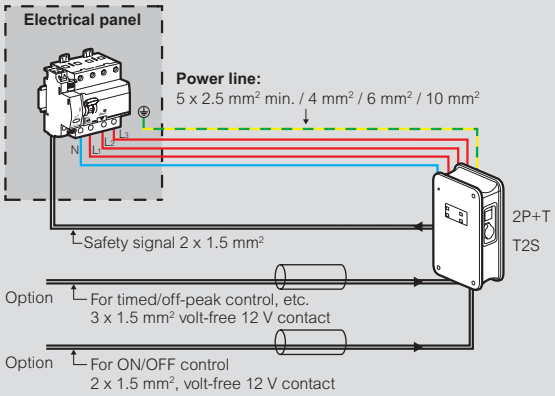
Note: the wiring must be doubled up for a 2-vehicle charging station. The installation of a surge protective device is recommended.

Single-phase charging stations - Modes 2 and 3



Cat.Nos	0 580 41/42		0 580 43/44			
Power setting (kW)	3.7	4.6	3.7	4.6	5.8	7.4
Charging station rating (A)	16	20	16	20	25	32
Power line protection rating	20 A, C curve	25 A, C curve	20 A, C curve	25 A, C curve	32 A, C curve	40 A, C curve
RCD	30 mA F type		30 mA F type			
Power line protection RCBO (6000/10 kA)	4 110 95	4 110 96	4 110 95	4 110 96	4 110 97	4 110 98
Power line csa (mm² minimum)	2.5	4	2.5	4	6	10
Shunt trip / safety signal	4 062 76	4 062 76	4 062 76	4 062 76	4 062 76	4 062 76
2P+E line protection	included	included	included	included	included	included
Surge protective device	0 039 51	0 039 51	0 039 51	0 039 51	0 0 39 51	0 039 51

Three-phase charging stations - Modes 2 and 3



Cat.Nos	0 580 48/49			
Power setting (kW)	11	15	18	22
Charging station rating (A)	16	20	25	32
Power line protection rating	20 A, C curve	25 A, C curve	32 A, C curve	40 A, C curve
RCD	30 mA F type	30 mA F type	30 mA F type	30 mA F type
Power line protection MCB (6000/10 kA)	4 112 45	4 112 46	4 112 47	4 079 32 + 4 105 34
Power line csa (mm² minimum)	2.5	4	6	10
Shunt trip / safety signal	4 062 76	4 062 76	4 062 76	4 062 76
2P+E line protection	included	included	included	included
Surge protective device	0 039 53	0 039 53	0 039 53	0 039 53

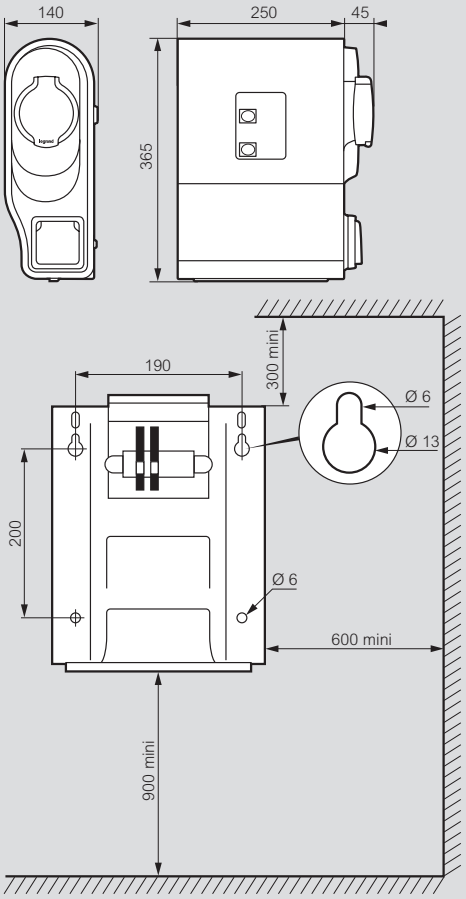
Green'up™ Premium charging stations

for electric vehicle charging

Dimensions and mounting for plastic charging stations (mm)

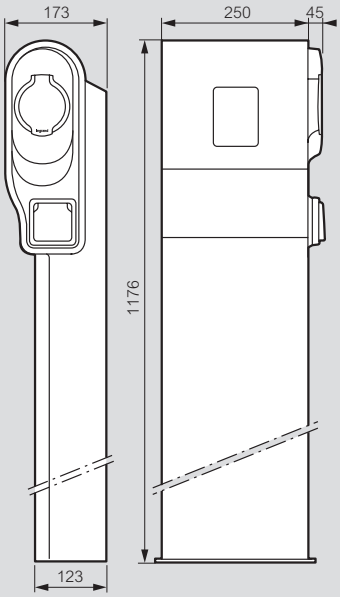
Wall mounting charging stations

Cat.Nos 0 580 00/01/02/30/35, 0 590 05/06/07/70/71

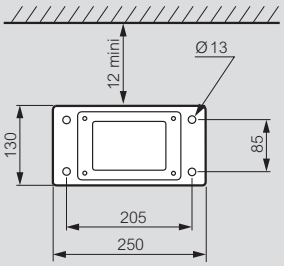


Free standing charging stations

Cat.Nos 0 580 00/01/02/30/35, 0 590 05/06/07/70/71 + 0 590 52



Fixing to the ground



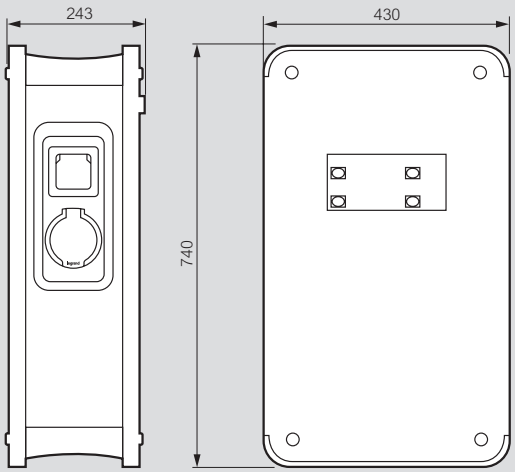
Green'up™ Premium charging stations

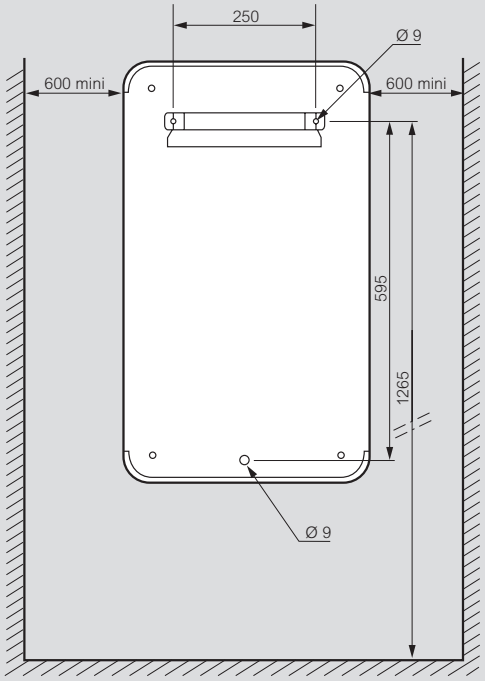
for electric vehicle charging (continued)

Dimensions and mounting for metal charging stations

Wall mounting charging stations with front cover

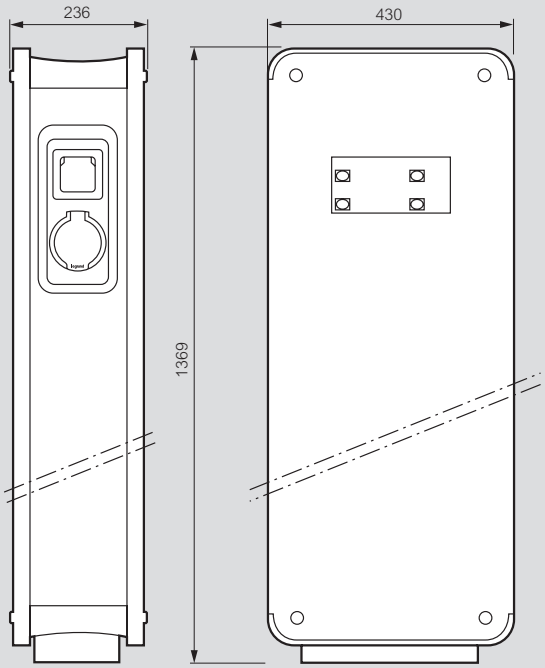
Cat.Nos 0 580 41/42/43/44/48/49 + 0 590 53



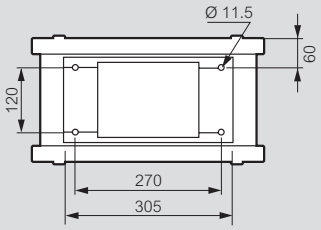


Free standing charging stations with front cover

Cat.Nos 0 580 41/42/43/44/48/49 + 0 590 54



Fixing to the ground



P 17 Tempra Pro IP 44 - LV 16 and 32 A

selection chart

Conform to IEC 60309-1 and IEC 60309-2 IP 44 according to IEC 60529 IK 09 according to IEC 62262 Material: polyamide 6 Self-extinguishing: 850 °C (support of active parts) / 650 °C (plastic housing)			FUNCTIONS							
			SURFACE MOUNTING SOCKETS	PANEL MOUNTING SOCKETS INCLINED OUTLET	PANEL MOUNTING SOCKETS STRAIGHT OUTLET	INTERLOCKED SWITCHED SOCKETS WITH SMALL FLANGE	MOBILE SOCKETS	STRAIGHT PLUGS	ANGLED PLUGS	APPLIANCE INLETS
LV			Female connector	Female connector	Female connector	Female connector	Female connector	Male connector	Male connector	**Male connector**
200 to 250 V~ 50/60 Hz	16 A	2P+E	5 551 54	5 551 84	0 573 54	0 573 00[1]	5 551 04	5 551 24	0 564 53	0 575 84[2]
		3P+E	5 551 55	5 551 85			5 551 05	5 551 25		0 575 85[2]
		3P+N+E	5 551 56	5 551 86			5 551 06	5 551 26		0 575 86[2]
	32 A	2P+E	5 552 54	5 552 84	0 580 54		5 552 14	5 552 34	0 564 73	0 582 84[2]
		3P+E	5 552 55	5 552 85			5 552 15	5 552 35		
		3P+N+E	5 552 56	5 552 86			5 552 16	5 552 36		0 582 86[2]
380 to 415 V~ 50/60 Hz	16 A	2P+E	5 551 57				5 551 07	5 551 27		
		3P+E	5 551 58	5 551 88	0 573 58		5 551 08	5 551 28	0 564 57	0 575 88[2]
		3P+N+E	5 551 59	5 551 89	0 573 59	0 573 02[1]	5 551 09	5 551 29	0 564 58	0 575 89[2]
	32 A	2P+E	5 552 57				5 552 17	5 552 37		
		3P+E	5 552 58	5 552 88	0 580 58		5 552 18	5 552 38	0 564 77	0 582 88[2]
		3P+N+E	5 552 59	5 552 89	0 580 59		5 552 19	5 552 39	0 564 78	0 582 89[2]
440 to 460 V~ 50/60 Hz	16 A	3P+E	5 551 60	5 551 90			5 551 10	5 551 30		
	32 A	3P+E	5 552 60	5 552 90			5 552 20	5 552 40		

1: Can be fitted only on faceplate Cat.No 0 577 23 (p. 536) - 2: Protection covers not supplied (p. 525)

Other voltages available on request
Please, consult us

P 17 Tempra Pro IP 66/67 - LV 16, 32, 63 and 125 A

selection chart

Conform to IEC 60309-1 and IEC 60309-2 IP 44 according to IEC 60529 IK 09 according to IEC 62262 Material: polyamide 6 Self-extinguishing: 850 °C (support of active parts) / 650 °C (plastic housing)			FUNCTIONS						
			SURFACE MOUNTING SOCKETS	PANEL MOUNTING SOCKETS	INTERLOCKED SWITCHED SOCKETS WITH SMALL FLANGE	MOBILE SOCKETS	STRAIGHT PLUGS	ANGLED PLUGS	APPLIANCE INLETS
LV			Female connector	Female connector	Female connector	Female connector	Male connector	Male connector	Male connector
200 to 250 V~ 50/60 Hz	16 A	2P+E	5 553 54	5 553 84	0 573 20[1][2]	5 553 04	5 553 24	0 565 03	0 568 03
		3P+E	5 553 55	5 553 85		5 553 05	5 553 25		
		3P+N+E	5 553 56	5 553 86		5 553 06	5 553 26		
	32 A	2P+E	5 554 54	5 554 84		5 554 14	5 554 34	0 565 23	0 568 23
		3P+E	5 554 55	5 554 85		5 554 15	5 554 35		
		3P+N+E	5 554 56	5 554 86		5 554 16	5 554 36		
	63 A	2P+E	5 555 54	5 555 84		5 555 04	5 555 24		5 555 14
		3P+E	5 555 55	5 555 85		5 555 05	5 555 25		
		3P+N+E	5 555 56	5 555 86		5 555 06	5 555 26		
380 to 415 V~ 50/60 Hz	16 A	3P+E	5 553 58	5 553 88		5 553 08	5 553 28		0 568 07
		3P+N+E	5 553 59	5 553 89	0 573 22[1][2]	5 553 09	5 553 29		0 568 08
	32 A	3P+E	5 554 58	5 554 88		5 554 18	5 554 38		0 568 27
		3P+N+E	5 554 59	5 554 89		5 554 19	5 554 39	0 565 28	0 568 28
	63 A	3P+E	5 555 58	5 555 88		5 555 08	5 555 28		5 555 18
		3P+N+E	5 555 59	5 555 89		5 555 09	5 555 29		5 555 19
	125 A	3P+E	5 556 58	5 556 88		5 556 08	5 556 28		5 556 18
		3P+N+E	5 556 59	5 556 89		5 556 09	5 556 29		5 556 19
440 V~ 50/60 Hz for refrigerated containers	32 A	3P+E		5 554 91		5 554 21	5 554 41		

1: IP 55 - 2: Can be fitted only on faceplate Cat.No 0 577 23 (p. 536)

Other voltages available on request
Please, consult us

P 17 Tempra Pro IP 44 - LV 16 and 32 A

sockets, plugs, mobile sockets, appliance inlets and interlocked switched sockets

5 552 58

5 551 84

5 551 88

5 551 08

5 551 28

5 552 14

5 552 34 + 0 521 27

Technical characteristics **p. 529 to 531**

IK 09 except for surface mounting sockets IK 08
Material: Plastic

Surface mounting sockets

Two possible angles (5° or 25°)

Pack	Cat.Nos IP 44 16 A	Cat.Nos IP 44 32 A	
			200/250 V~
10|5	5 551 54	5 552 54	2P+E
5	5 551 55	5 552 55	3P+E
5	5 551 56	5 552 56	3P+N+E
			380/415 V~
5	5 551 57	5 552 57	2P+E
10	5 551 58	5 552 58	3P+E
10	5 551 59	5 552 59	3P+N+E

Panel mounting sockets inclined outlet

Can be fixed on plain or pre-drilled faceplates (p. 536) and on flush mounting boxes (p. 526)

Pack	Cat.Nos IP 44 16 A	Cat.Nos IP 44 32 A	
			200/250 V~
10	5 551 84	5 552 84	2P+E
5	5 551 85	5 552 85	3P+E
5	5 551 86	5 552 86	3P+N+E
			380/415 V~
10	5 551 88	5 552 88	3P+E
10	5 551 89	5 552 89	3P+N+E

Panel mounting sockets straight outlet small flange

Can be fixed only on plain faceplates Cat.Nos 0 577 15/16 (p. 536)

Pack	Cat.Nos IP 44 16 A	Cat.Nos IP 44 32 A	
			200/250 V~
5	0 573 54	0 580 54	2P+E
			380/415 V~
5	0 573 58	0 580 58	3P+E
5	0 573 59	0 580 59	3P+N+E

Interlocked switched sockets with small flange

Dimensions: 125 x 105 mm
Can be fixed only on faceplate Cat.No 0 577 23 (p. 536)

Pack	Cat.Nos 16 A IP 44	Cat.Nos 16 A IP 55	
			200/250 V~
1	0 573 00	0 573 20	2P+E
			380/415 V~
1	0 573 02	0 573 22	3P+N+E

Mobile sockets

Cable clamping and closing without screws
Supplied unlocked

Pack	Cat.Nos IP 44 16 A	Cat.Nos IP 44 32 A	
			200/250 V~
10	5 551 04	5 552 14	2P+E
5	5 551 05	5 552 15	3P+E
5	5 551 06	5 552 16	3P+N+E
			380/415 V~
5	5 551 07	5 552 17	2P+E
10	5 551 08	5 552 18	3P+E
10	5 551 09	5 552 19	3P+N+E

Straight plugs

Cable clamping and closing without screws
Supplied unlocked

Pack	Cat.Nos IP 44 16 A	Cat.Nos IP 44 32 A	
			200/250 V~
10	5 551 24	5 552 34	2P+E
5	5 551 25	5 552 35	3P+E
5	5 551 26	5 552 36	3P+N+E
			380/415 V~
5	5 551 27	5 552 37	2P+E
10	5 551 28	5 552 38	3P+E
10	5 551 29	5 552 39	3P+N+E

Phase inverter plugs

Straight plugs for changing rotation direction of a 3-phase electric motor

Pack	Cat.Nos IP 44 16 A	Cat.Nos IP 44 32 A	
			380/415 V~
5	0 574 40	0 581 40	3P+E
5	0 574 41	0 581 41	3P+N+E

Appliance inlets

Pack	Cat.Nos IP 44 16 A	Cat.Nos IP 44 32 A	
			200/250 V~
5	0 575 84	0 582 84	2P+E
5	0 575 85		3P+E
5	0 575 86	0 582 86	3P+N+E
			380/415 V~
5	0 575 88	0 582 88	3P+E
5	0 575 89	0 582 89	3P+N+E

Protection covers

IP 67
IP 44 maintained with the plug inserted

Pack	Cat.Nos Rubber	
10	0 521 25	For plugs and appliance inlets: 2P+E - 16 A
5	0 521 26	3P+E - 16 A
5	0 521 27	3P+N+E - 16 A / 2P+E and 3P+E - 32 A
5	0 527 99	3P+N+E - 32 A

P 17 Tempra - domestic pin configuration 16 A - 250 V~

0 576 69

0 576 72

0 539 48

0 521 05 + 2 782 11L

0 577 22

0 577 50

Technical characteristics **p. 531**

Pack	Cat.Nos	Panel mounting sockets
		Domestic pin configuration German standard sockets IP 54 cover closed - IP 44 connected IK 09 according to IEC 62262 and EN 62262 2P+E 250 V~ Material: plastic Self-extinguishing: 850 °C
		Panel mounting sockets with small flange Can be fixed only on plain faceplates Cat.Nos 0 577 15/16 (p. 536)
20	0 576 69	White panel mounting sockets
20	0 576 75	Blue panel mounting sockets with shutters
		Panel mounting sockets Can be fixed on pre-cut or plain faceplate for combined units (p. 536), flush-mounting boxes Cat.Nos 0 577 21/22
20	0 576 72	Blue panel mounting sockets
20	0 576 76	Blue panel mounting sockets with shutters
1	0 539 48	**Panel mounting adaptor** Accepts Arteor and Mosaic mechanisms 2 modules (except particular prominence)
10	0 521 05	**Adaptor** 16 A - 250 V~ IEC input 2P+E Output: empty model to be equipped with Mosaic mechanism all standards
		Flush-mounting boxes IP 55 For panel mounting sockets inclined outlet installation (IP 44 or IP 66/67)
3	0 577 21	Flush mounting boxes with faceplates For 2 panel mounting sockets With single fixing centres 70 x 70 mm - 16 A
3	0 577 22	For 1 panel mounting socket With single fixing centres 70 x 70 mm - 16 or 32 A (32 A to be fixed horizontally)
		Surface mounting boxes IP 55 For installation of the panel mounting sockets IP 44 or IP 66/67
1	0 577 50	For one 16 A or 32 A panel mounting socket with inclined outlet (fixing centres 70x70 mm) Cat.Nos 0 552 45/95 (p. 526), 5 551 84/85/86/88/89 (p. 525) and 5 552 84/85/86/88/89 (p. 525)
1	0 577 51	For one interlocked switched socket with small flange 16 A Cat.Nos 0 573 00/01/02/20/21/22 (p. 525)

P 17 Tempra IP 44 - ELV 16 and 32 A

0 552 06

0 552 45

0 552 21

Technical characteristics **p. 532**

IK 09
Material: Plastic

Pack	Cat.Nos 16 A	Cat.Nos 32 A	Surface mounting sockets
			20/25 V~
5	0 552 06	0 552 56	2P
			Panel mounting sockets Can be fixed on plain or pre-drilled faceplates (p. 536) and on flush mounting boxes (p. 526)
			20/25 V~
5	0 552 45	0 552 95	2P
			Straight plugs
			20/25 V~
5	0 552 21	0 552 71	2P
			Mobile sockets
			20/25 V~
5	0 552 31	0 552 81	2P
			Appliance inlets
			20/25 V~
5	0 552 41	0 552 91	2P

P 17 Tempra Pro IP 66/67
LV 16 and 32 A

5 554 58

5 554 14

5 554 34

5 553 28

Technical characteristics **p. 533-534**

IK 09
Material: Plastic

Pack	Cat.Nos 16 A	Cat.Nos 32 A	Surface mounting sockets
			Two possible angles (5° or 25°)
			200/250 V~
5	5 553 54	5 554 54	2P+E
5	5 553 55	5 554 55	3P+E
5	5 553 56	5 554 56	3P+N+E
			380/415 V~
5	5 553 58	5 554 58	3P+E
5	5 553 59	5 554 59	3P+N+E

Pack	Cat.Nos 16 A	Cat.Nos 32 A	Panel mounting sockets
			Can be fixed on the faceplates (p. 536)
			200/250 V~
5	5 553 84	5 554 84	2P+E
5	5 553 85	5 554 85	3P+E
5	5 553 86	5 554 86	3P+N+E
			380/415 V~
5	5 553 88	5 554 88	3P+E
5	5 553 89	5 554 89	3P+N+E

Pack	Cat.Nos 16 A	Cat.Nos 32 A	Mobile sockets
			Supplied unlocked
			200/250 V~
5	5 553 04	5 554 14	2P+E
5	5 553 05	5 554 15	3P+E
5	5 553 06	5 554 16	3P+N+E
			380/415 V~
5	5 553 08	5 554 18	3P+E
5	5 553 09	5 554 19	3P+N+E

Pack	Cat.Nos 16 A	Cat.Nos 32 A	Straight plugs
			Supplied unlocked
			200/250 V~
5	5 553 24	5 554 34	2P+E
5	5 553 25	5 554 35	3P+E
5	5 553 26	5 554 36	3P+N+E
			380/415 V~
5	5 553 28	5 554 38	3P+E
5	5 553 29	5 554 39	3P+N+E

Pack	Cat.Nos 16 A	Cat.Nos 32 A	Appliance inlets
			200/250 V~
5	0 568 03	0 568 23	2P+E
			380/415 V~
5	0 568 07	0 568 27	3P+E
5	0 568 08	0 568 28	3P+N+E

P 17 Tempra Pro IP 66/67
LV 32 A for refrigerated containers

6 571 06

5 554 21

Pack	Cat.Nos	Combined unit, plug and mobile socket for refrigerated containers
		32 A - 440 V~ - 50/60 Hz - 3P+E - 3 hours IK 09 Plastic body and cover - Stainless steel screws
1	6 571 06	Combined unit with interlocked switched socket - Double mechanical interlock - Cable glands are not supplied
5	5 554 91	Panel mounting socket
5	5 554 21	Mobile socket With cable grip Ø12 to 21.5 mm
5	5 554 41	Straight plug With cable grip Ø12 to 21.5 mm

P 17 Tempra Pro IP 66/67 LV 63 and 125 A

5 555 59

5 555 89

Easy connection disconnection

5 555 29

5 555 09

Technical characteristics **p. 534-535**

IK 09
Material: Plastic
The use of the pilot pin allows off-load connection / disconnection of the plug

Pack	Cat.Nos 63 A	Cat.Nos 125 A	
			Surface mounting sockets
			200/250 V~
2	5 555 54		2P+E
2	5 555 55		3P+E
2	5 555 56		3P+N+E
			380/415 V~
2 | 1	5 555 58	5 556 58	3P+E
2 | 1	5 555 59	5 556 59	3P+N+E
			Panel mounting sockets
			Can be fixed on the faceplates Cat.Nos 0 577 17/19 (p. 536)
			200/250 V~
2	5 555 84		2P+E
2	5 555 85		3P+E
2	5 555 86		3P+N+E
			380/415 V~
2 | 1	5 555 88	5 556 88	3P+E
2 | 1	5 555 89	5 556 89	3P+N+E
			Straight plugs
			IP 66/67/69
			200/250 V~
2	5 555 24		2P+E
2	5 555 25		3P+E
2	5 555 26		3P+N+E
			380/415 V~
2 | 1	5 555 28	5 556 28	3P+E
2 | 1	5 555 29	5 556 29	3P+N+E
			Mobile sockets
			IP 66/67/69
			200/250 V~
2	5 555 04		2P+E
2	5 555 05		3P+E
2	5 555 06		3P+N+E
			380/415 V~
2 | 1	5 555 08	5 556 08	3P+E
2 | 1	5 555 09	5 556 09	3P+N+E
			Appliance inlets
			200/250 V~
2	5 555 14		2P+E
			380/415 V~
2 | 1	5 555 18	5 556 18	3P+E
2 | 1	5 555 19	5 556 19	3P+N+E

Foldable frame for P 17 worksites combined units

0 577 43 equipped with a P 17 worksite combined unit

Dimensions **p. 538**

Pack	Cat.Nos	**Foldable frame**
1	0 577 43	For floor cabinets The unit can be fixed on the frame without opening the unit The unit equipped with its frame can be wall or floor-mounted Can be folded for easy transport and storage

P 17 Tempra Pro IP 44 - LV 16 and 32 A

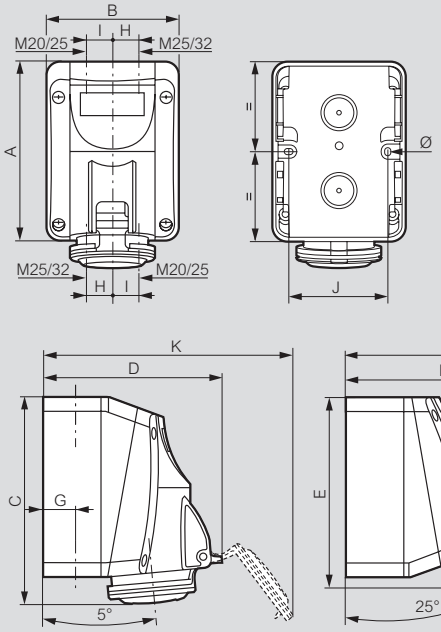
Characteristics

Terminal connection:
• Panel and surface mounting sockets
16 A: max. 1 x 4 mm² rigid
32 A: max. 1 x 10 mm² rigid
• Appliance inlets:
16 A: max. 1 x 2.5 mm² rigid
32 A: max. 1 x 6 mm² rigid
• Plugs and mobile sockets:
16 A: max. 1 x 2.5 mm² flexible
32 A: max. 1 x 6 mm² flexible
IP 44 according to IEC and EN 60529
IK 08 according to EN 50102 for interlocked switched sockets with small flange
IK 09 according to IEC 62262 and EN 62262
Material: polyamide 6
Self-extinguishing: 850 °C (support of active parts) / 650 °C (plastic housing)
- 25 °C to + 40 °C according to IEC 60309-1

Dimensions

Surface mounting sockets

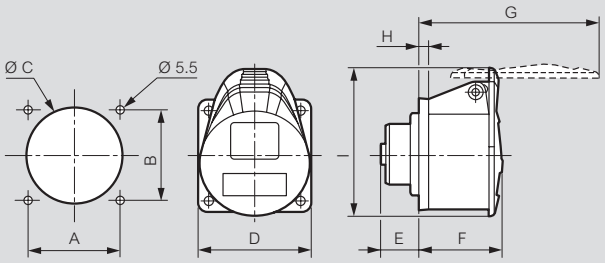
Cat.Nos 5 551 54/55/56/57/58/59 and 5 552 54/55/56/57/58/59



	A	B	C	D	E	F	G	H	I	J	K	L	Ø
LV 16 A													
2P+E	125	93	147	126	138	139	22	17	20	70	176	195	4.3
3P+E	125	93	147	134	138	147	22	17	20	70	190	210	4.3
3P+N+E	125	93	147	140	138	153	22	17	20	70	201	221	4.3
LV 32 A													
2P+E	150	113	174	156	163	172	28	22	26	90	220	245	4.3
3P+E	150	113	174	156	163	172	28	22	26	90	220	245	4.3
3P+N+E	150	113	174	162	163	177	28	22	26	90	230	256	4.3

Panel mounting socket straight outlet small flange

Cat.Nos 0 573 54/58/59 and 0 580 54/58/59

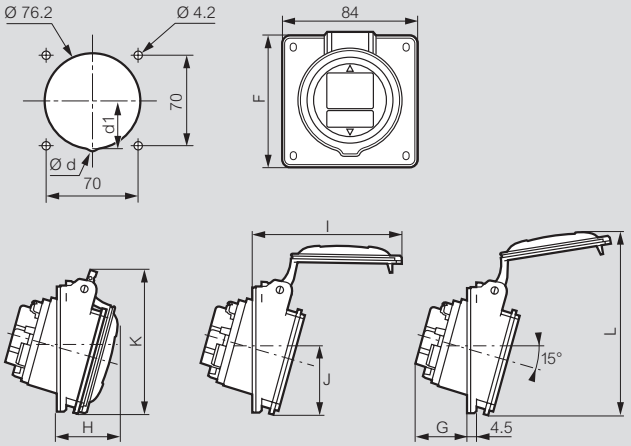


	Weight (kg)	A	B	Ø C	D	E	F	G	H	I	Ø
LV 16 A											
2P+E	0.105	47	47	47	58	22.4	50	98.5	5.5	78.5	5.5
3P+E	0.127	52	52	55	65	22.4	50.5	104	5.5	85.6	5.5
3P+N+E	0.148	52	52	55	70	22.4	51	113	5.5	93.5	5.5
LV 32 A											
2P+E	0.197	60	60	57.1	75	31.4	61.3	127	5.5	97.5	5.5
3P+E	0.197	60	60	57.1	75	31.4	61.3	127	5.5	97.5	5.5
3P+N+E	0.246	60	60	63.5	77	31.4	61.7	134	5.5	104.5	5.5

P 17 Tempra Pro IP 44 - LV 16 and 32 A (continued)

Panel mounting sockets inclined outlet

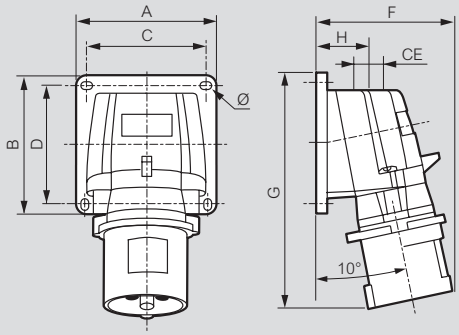
Cat.Nos 5 551 84/85/86/88/89 and 5 552 84/85/86/88/89



	Ød	d1	F	G	H	I	J	K	L
LV 16 A									
2P+E	-	-	84	33.5	37.5	85	42	88.5	112.5
3P+E	-	-	84	35.5	38.5	93	42	91.5	118.5
3P+N+E	-	-	84	36.5	39.5	100	43.3	97	123.5
LV 32 A									
2P+E	-	-	94	41.5	45.5	110	47	102	131
3P+E									
3P+N+E	8	36	94	42.5	46.5	117	47	107.5	138

Appliance inlets

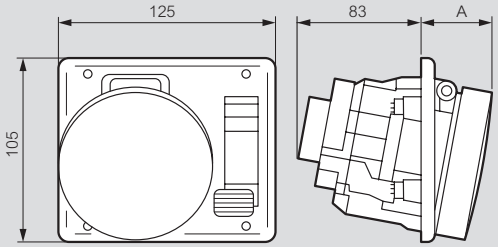
Cat.Nos 0 575 84/88/89 and 0 582 84/88/89



	Weight (kg)	A	B	C	D	F	G	H	CE	Ø
LV 16 A										
2P+E	0.168	84	84	72	72	77	126	34	M20	4.3
3P+E	0.232	84	84	72	72	84	134	34	M20	4.3
3P+N+E	0.256	84	84	72	72	91	141	34	M20	4.3
LV 32 A										
2P+E	0.325	110	110	98	98	96	168	39	M25	5.3
3P+E										
3P+N+E	0.364	110	110	98	98	102	168	39	M25	5.3

Interlocked switched sockets with small flange

Cat.Nos 0 573 00/02 and 0 573 20/22



16 A	IP	A	IP	A
2P+E	44	38	55	45
3P+E	44	38	55	45
3P+N+E	44	38	55	45

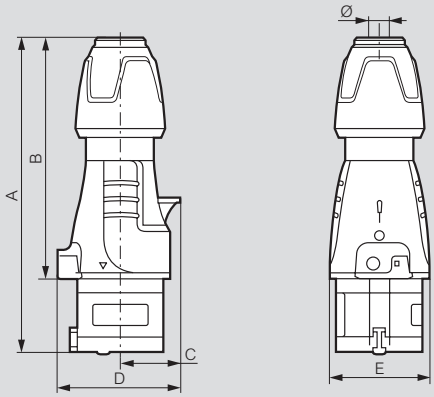
P 17 Tempra Pro IP 44 - LV 16 and 32 A

mobile products

Dimensions

Straight plugs

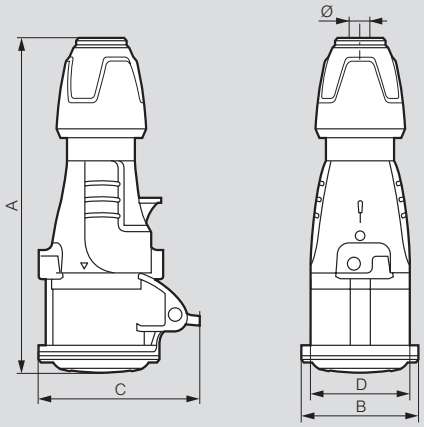
Cat.Nos 5 551 24/25/26/27/28/29 and 5 552 34/35/36/37/38/39



	A	B	C	D	E	Ø
LV 16 A						
2P+E	146 to 157	109.5 to 120.5	30	61	50	6.5 to 14
3P+E	146 to 157	109.5 to 120.5	34	67	55	7.10 to 15.5
3P+N+E	163 to 176	126.5 to 139.5	38	76	65	8 to 20
LV 32 A						
2P+E	172 to 185	127 to 140	40	78	65	8 to 20
3P+E	172 to 185	127 to 140	40	78	65	8 to 20
3P+N+E	179 to 189	133 to 143	45	86	71	11.9 to 22.2

Mobile sockets

Cat.Nos 5 551 04/05/06/07/08/09 and 5 552 34/35/36/37/38/39



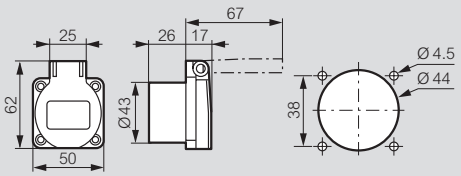
	A	B	C	D	Ø
LV 16 A					
2P+E	156 to 167	59	81	50	6.5 to 14
3P+E	157 to 168	65	88	55	7.10 to 15.5
3P+N+E	175 to 188	72	94	65	8 to 20
LV 32 A					
2P+E	184 to 197	73	99	65	8 to 20
3P+E	184 to 197	73.5	99	65	8 to 20
3P+N+E	190 to 203	79.5	105	71	11.9 to 22.2

P 17 Tempra domestic pin configuration 16 A - 250 V~

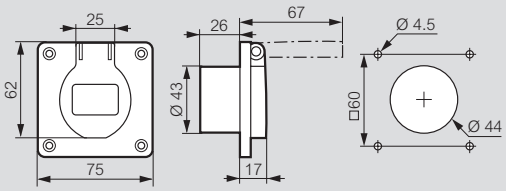
Dimensions

Domestic pin configuration sockets

Cat.Nos 0 576 69/75

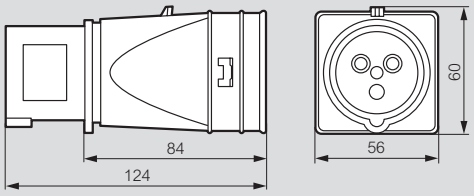


Cat.Nos 0 576 72/76



Adaptor 16 A - 230 V

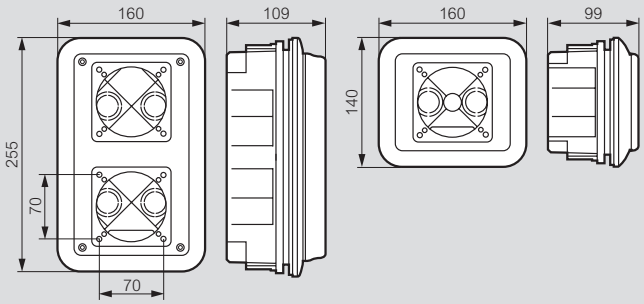
Cat.No 0 521 05



Flush mounting boxes

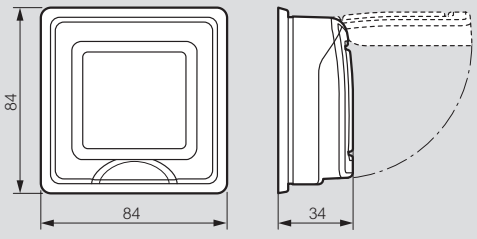
Cat.No 0 577 21

Cat.No 0 577 22



Panel mounting adaptor

Cat.No 0 539 48



P 17 Tempra IP 44 - ELV 16 and 32 A

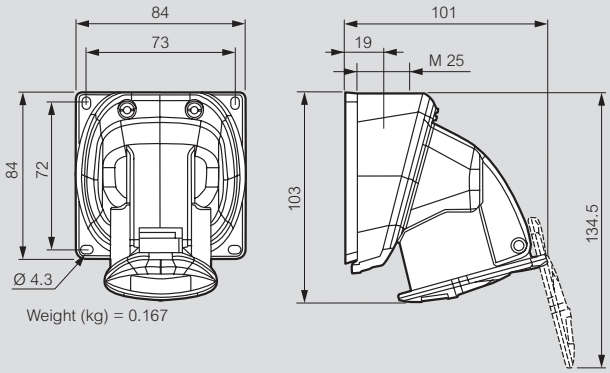
Characteristics

Terminal connection:
Max. 1 x 10 mm² (rigid for fixed products flexible for mobile products)
IP 44 according to IEC 60529 and EN 60529
IK 09 according to IEC 62262 and EN 62262
Material: plastic
Self-extinguishing: 850 °C (support of active parts) / 650 °C (plastic housing)
Temp. rating: - 25 °C to + 40 °C
Conform to IEC 60309-1 / IEC 60309-2 and EN 60309-1 / EN 60309-2

Dimensions

Surface mounting sockets

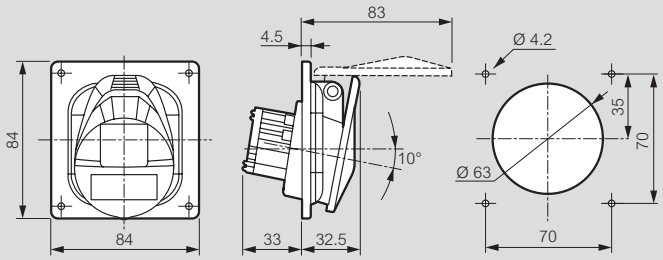
Cat.Nos 0 552 06/56



Weight (kg) = 0.167

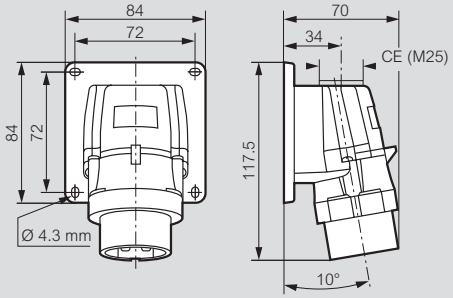
Panel mounting sockets

Cat.Nos 0 552 45/95



Appliance inlets

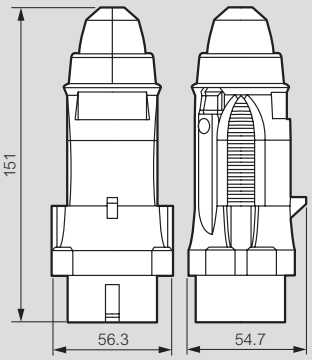
Cat.Nos 0 552 41/91



Dimensions ELV 16 and 32 A

Straight plugs

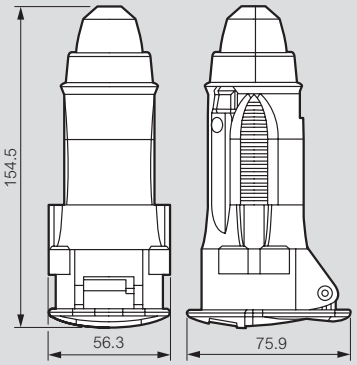
Cat.Nos 0 555 21/71



Weight (kg) = 0.132

Mobile sockets

Cat.Nos 0 552 31/81



Weight (kg) = 0.16

P 17 Tempra Pro IP 66/67 - LV 16 and 32 A

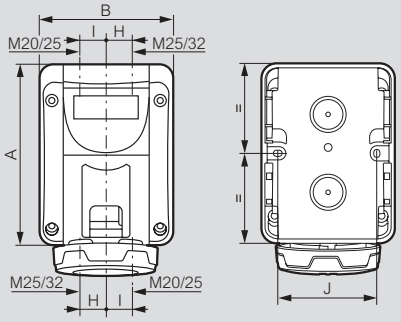
Characteristics

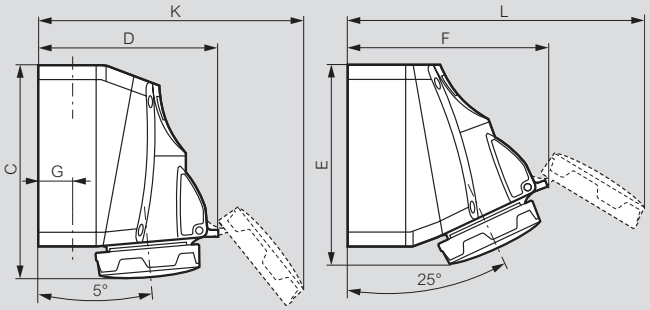
Terminal connection:
• Panel and surface mounting sockets
16 A: max. 1 x 4 mm² rigid - 32 A: max. 1 x 10 mm² rigid
• Plugs, mobile sockets:
16 A: max. 1 x 2,5 mm² flexible - 32 A: max. 1 x 6 mm² flexible
• Appliance inlets:
16 A: max. 1 x 2.5 mm² rigid - 32 A: max. 1 x 6 mm² rigid
IP 66/67
IK 09 according
Material: polyamide 6
Self-extinguishing: 850 °C (support of active parts)
Temp. rating: - 25 °C to + 40 °C

Dimensions

Surface mounting sockets

Cat.Nos 5 553 54/55/56/58/59 and 5 554 54/55/56/58/59

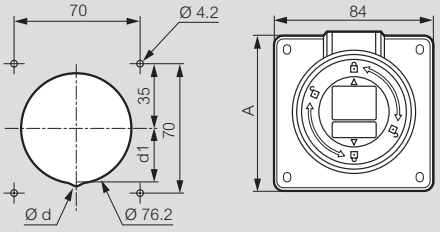


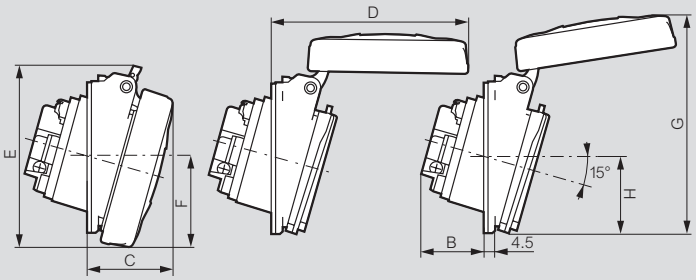


	A	B	C	D	E	F	G	H	I	J	K	L
LV 16 A												
2P+E	125	93	144	125	131	137	22	17	20	70	178	200
3P+E	125	93	144	133	131	145	22	17	20	70	194	215
3P+N+E	125	93	144	139	131	150	22	17	20	70	205	227
LV 32 A												
2P+E	150	113	171	155	156	170	28	22	26	90	224	250
3P+E												
3P+N+E	150	113	171	161	156	175	28	22	26	90	231	260

Panel mounting sockets

Cat.Nos 5 553 84/85/86/88/89 and 5 554 84/85/86/88/89

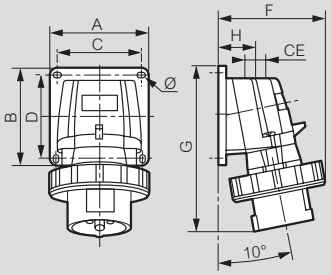




	Ød	d1	A	B	C	D	E	F	G	H
LV 16 A										
2P+E	-	-	84	33.5	42	94	88	42.5	114	42
3P+E	-	-	84	35.5	43	101	94.5	46	118	42
3P+N+E	-	-	84	36.5	44	108.5	101	50	123	42.5
LV 32 A										
2P+E	-	-	94	41.5	50.5	118	105.5	54.5	129.5	47.5
3P+E										
3P+N+E	8	36	94	42.5	51.5	124.5	112	57.5	137	51

Appliance inlets

Cat.Nos 0 568 03/04/07/08/23/27/28



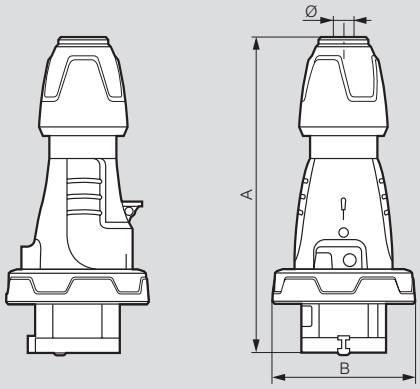
	Weight (kg)	A/B	C/D	F	G	H	CE	Ø
LV 16 A								
2P+E	0.188	84	72	87	126	34	M 20	4.3
3P+E	0.257	84	72	95	134	34	M 20	4.3
3P+N+E	0.297	84	72	100	141	34	M 20	4.3
LV 32 A								
2P+E	0.370	110	98	107	168	39	M 25	5.3
3P+E								
3P+N+E	0.413	110	98	113	168	39	M 25	5.3

P 17 Tempra Pro IP 66/67
LV 16 and 32 A - mobile products

Dimensions

Straight plugs

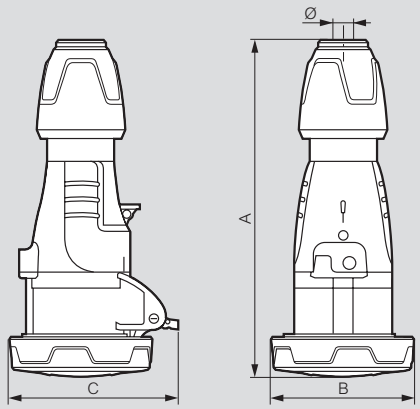
Cat.Nos 5 553 24/25/26/28/29 and 5 554 34/35/36/38/39



	A	B	Ø
LV 16 A			
2P+E	146 to 157	72.5	6.5 to 14
3P+E	146 to 157	80.5	7.10 to 15.5
3P+N+E	163 to 176	89	8 to 20
LV 32 A			
2P+E	172 to 185	93	8 to 20
3P+E	172 to 185	93	8 to 20
3P+N+E	179 to 189	100	11.9 to 22.2

Mobile sockets

Cat.Nos 5 553 04/05/06/08/09 and 5 554 14/15/16/18/19



	A	B	C	Ø
LV 16 A				
2P+E	159 to 170	72.5	86	6.5 to 14
3P+E	159 to 170	80.5	93	7.1 to 15.5
3P+N+E	179 to 190	89	100	8 to 20
LV 32 A				
2P+E	187 to 200	93	104	8 to 20
3P+E	187 to 200	93	104	8 to 20
3P+N+E	192 to 205	100	110.5	11.9 to 22.2

P 17 Tempra Pro IP 66/67 - LV 63 A

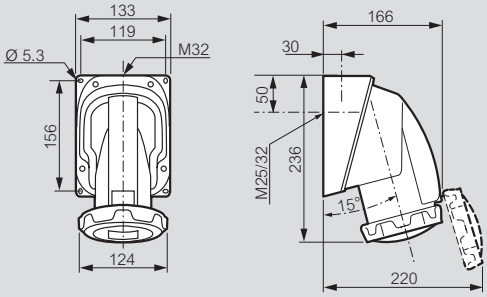
Characteristics

Terminal connection:
• Panel and surface mounting sockets
63 A: max. 1 x 25 mm² rigid - 125 A: max. 1 x 70 mm² rigid
• Appliance inlets:
63 A: max. 1 x 16 mm² rigid - 125 A: max. 1 x 50 mm² rigid
• Plugs and mobile sockets:
63 A: max. 1 x 16 mm² flexible - 125 A: max. 1 x 50 mm² flexible
IP 66/67 according to IEC 60529 and EN 60529
IK 09 according to IEC 62262 and EN 62262
Material: plastic
Self-extinguishing: 850 °C (support of active parts) / 650 °C (plastic housing)
Temp. rating: - 25 °C to + 40 °C. According to IEC 60309-1 and IEC 60309-2

Dimensions

Surface mounting sockets

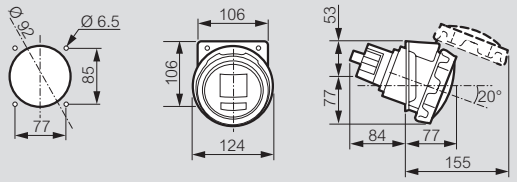
Cat.Nos 5 555 54/55/56/58/59



	Weight (kg)
3P+E	0.900
3P+N+E	0.950

Panel mounting sockets (inclined outlet)

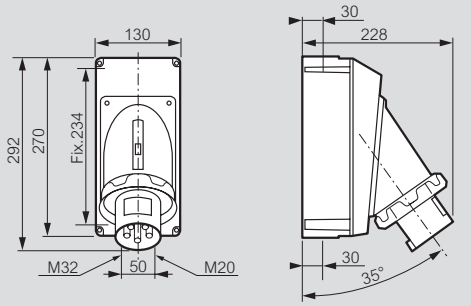
Cat.Nos 5 555 84/85/86/88/89



	Weight (kg)
3P+E	0.710
3P+N+E	0.770

Appliance inlets

Cat.Nos 5 555 14/18/19



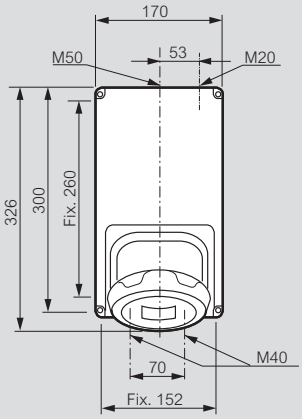
	Weight (kg)
3P+E	1.540
3P+N+E	1.610

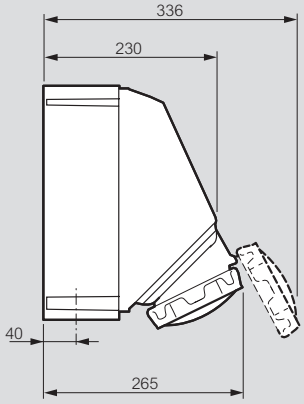
P 17 Tempra Pro IP 66/67 - LV 125 A

Dimensions

Surface mounting sockets

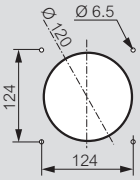
Cat.Nos 5 556 58/59

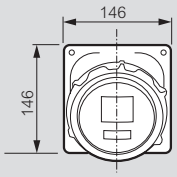


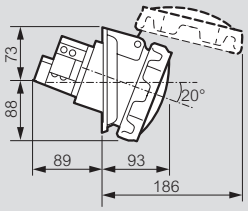


Panel mounting sockets

Cat.Nos 5 556 88/89

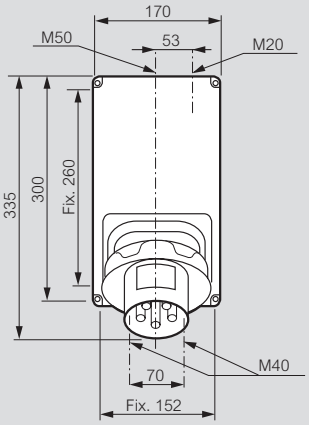


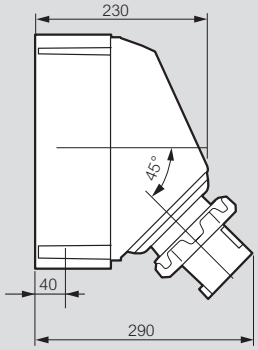




Appliance inlets

Cat.Nos 5 556 18/19





P 17 Tempra Pro IP 66/67 - LV 63 and 125 A

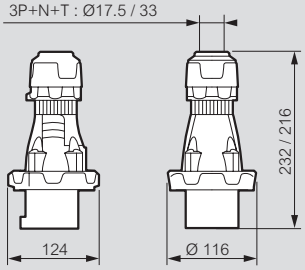
mobile products

Dimensions LV 63 A

Straight plugs

Cat.Nos 5 555 24/25/26/28/29

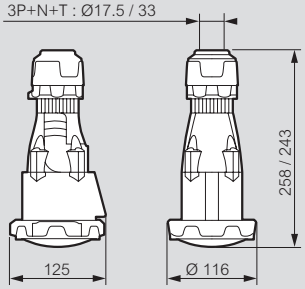
2P+T : Ø14.1 / 27.6
3P+T : Ø15.7 / 30.1
3P+N+T : Ø17.5 / 33



Mobile sockets

Cat.Nos 5 555 04/05/06/08/09

2P+T : Ø14.1 / 27.6
3P+T : Ø15.7 / 30.1
3P+N+T : Ø17.5 / 33

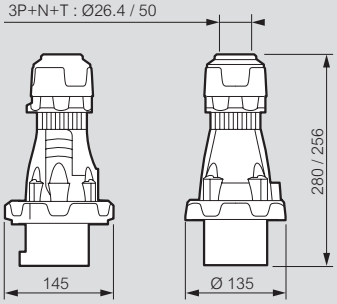


Dimensions LV 125 A

Straight plugs

Cat.Nos 5 556 28/29

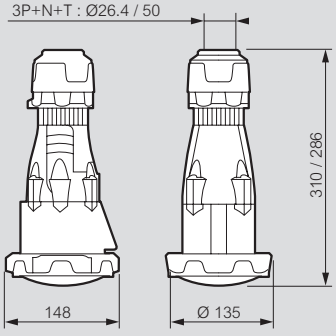
3P+T : Ø23.8 / 47.5
3P+N+T : Ø26.4 / 50



Mobile sockets

Cat.Nos 5 556 08/09

3P+T : Ø23.8 / 47.5
3P+N+T : Ø26.4 / 50

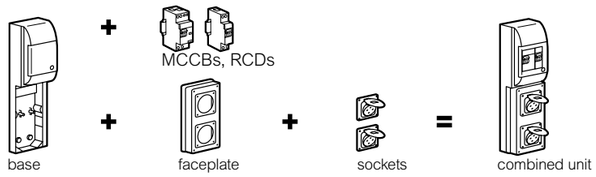


P17 Tempra combined units to be composed

- IK 08 according to IEC 62262
- Self-extinguishing: 650 °C
- Max. IP 66
- RAL 7035

Bases and faceplates dimensions **p. 536**

Example of combined unit configuration



0 577 20 with interlocked switched sockets

0 577 43 foldable frame equipped with a P 17 worksite combined unit

COMBINED UNITS HEIGHT 220 MM TO 441 MM

BASES FOR 220 x 125 MM FACEPLATES - MAX IP 66

Surface mounting box	Base up to 2 sockets 16 A	Base up to 4 sockets 16 A	Base up to 6 sockets 16 A
220 x 125 mm[4]	371 x 125 mm[4] Rail 5 modules 17.5 mm	441 x 265 mm[4] Rail 12 modules 17.5 mm	441 x 405 mm[4] Rail 18 modules 17.5 mm
Pack: 1	Pack: 1	Pack: 1	Pack: 1
Cat.No: 0 577 10	Cat.No: 0 589 38	Cat.No: 0 577 05[7]	Cat.No: 0 577 06[7]

220 X 125 MM FACEPLATES

1 socket 16 or 32 A	2 sockets 16 A	1 socket 63 A	Plain plate
Pack: 5	Pack: 5	Pack: 2	Pack: 5
Cat.No: 0 577 12	Cat.No: 0 577 13[1]	Cat.No: 0 577 17	Cat.No: 0 577 15

EXAMPLE OF SOCKETS

ELV (p. 383)			IP 44		
20/25 V~	16 A	2P	0 552 45		
	32 A	2P	0 552 95		
Domestic pin (p. 383)			IP 54[3]		
250 V	16 A	2P+E	0 576 72/76		
LV (p. 382)			IP 44	IP 66-67	
200/250 V~	16 A	2P+E	5 551 84	5 553 84	
	32 A	2P+E	5 552 84	5 554 84	
	63 A	2P+E	-	5 555 84	
380/415 V~	16 A	3P+E	5 551 88	5 553 88	
		3P+N+E	5 551 89	5 553 89	
	32 A	3P+E	5 552 88	5 554 88	
		3P+N+E	5 552 89	5 554 89	
	63 A	3P+E	-	5 555 88	
		3P+N+E	-	5 555 89	

Examples of most common combinations with bases for 220 x 125 mm faceplates

Base	Total number of sockets on the base	Socket combination	Face plate according to the socket intensity		
			16 A	32 A	63 A
0 577 10 or 0 589 38	1	1 x 16 A or 1 x 32 A or 1 x 63 A	0 577 12	0 577 12	0 577 17
	2	2 x 16 A	0 577 13	-	-
0 577 05	2	2 x 16 A or 2 x 32 A or 2 x 63 A	0 577 12 x 2	0 577 12 x 2	0 577 17 x 2
		1 x 16 A + 1 x 32 A	0 577 12	0 577 12	-
		1 x 16 or 32 A + 1 x 63 A	0 577 12		0 577 17
	3	3 x 16 A	0 577 12 + 0 577 13	-	-
		2 x 16 A + 1 x 32 A	0 577 13	0 577 12	-
		2 x 16 A + 1 x 63 A	0 577 13	-	0 577 17
	4	4 x 16 A	0 577 13 x 2	-	-
0 577 06	3	3 x 16 A or 3 x 32 A or 3 x 63 A	0 577 12 x 3	0 577 12 x 3	0 577 17 x 3
		1 x 16 or 32 A + 2 x 63 A	0 577 12		0 577 17 x 2
		2 x 16 or 32 A + 1 x 63 A	0 577 12 x 2		0 577 17
	4	2 x 16 A + 1 x 32 A + 1 x 63 A	0 577 13	0 577 12	0 577 17
		2 x 16 A + 2 x 32 A	0 577 13	0 577 12 x 2	-
		2 x 16 A + 2 x 63 A	0 577 13	-	0 577 17 x 2
	5	4 x 16 A + 1 x 32 A	0 577 13 x 2	0 577 12	-
		4 x 16 A + 1 x 63 A	0 577 13 x 2	-	0 577 17
	6	16 A	0 577 13 X 3	-	-

COMBINED UNITS HEIGHT 280 MM TO 501 MM

BASES FOR 280 x 125 MM FACEPLATES - MAX IP 66

Surface mounting box	Base up to 3 sockets 16 A	Base up to 6 sockets 16 A	Base up to 9 sockets 16 A
280 x 125 mm[4]	421 x 125 mm[4] Rail 5 modules 17.5 mm	501 x 265 mm[4] Rail 12 modules 17.5 mm	501 x 405 mm[4] Rail 18 modules 17.5 mm
Pack: 3	Pack: 1	Pack: 1	Pack: 1
Cat.No: 0 577 11	Cat.No: 0 577 20	Cat.No: 0 577 03[7]	Cat.No: 0 577 04[7]

280 x 125 MM FACEPLATE

2 sockets 16 or 32 A	2 interlocked switched sockets 16 A (p. 525)	1 socket 16 or 32 A and 1 socket 63 A	3 sockets 16 A[2]	Plain plate
Pack: 4	Pack: 1	Pack: 2	Pack: 4	Pack: 4
Cat.No: 0 577 18[1]	Cat.No: 0 577 23	Cat.No: 0 577 19[1]	Cat.No: 0 577 14[1]	Cat.No: 0 577 16

EXAMPLE OF SOCKETS

ELV (p. 383)			IP 44		
20/25 V~	16 A	2P	0 552 45		
	32 A	2P	0 552 95		
Domestic pin (p. 383)			IP 54[3]		
250 V	16 A	2P+E	0 576 72/76		
LV (p. 382)			IP 44	IP 66-67	
200/250 V~	16 A	2P+E	5 551 84	5 553 84	
			0 573 00[5]	0 573 20[6]	
	32 A	2P+E	5 552 84	5 554 84	
	63 A	2P+E	-	5 555 84	
380/415 V~	16 A	3P+E	5 551 88	5 553 88	
		3P+N+E	5 551 89	5 553 89	
			0 573 02[5]	0 573 22[6]	
	32 A	3P+E	5 552 88	5 554 88	
		3P+N+E	5 552 89	5 554 89	
	63 A	3P+E	-	5 555 88	
		3P+N+E	-	5 555 89	

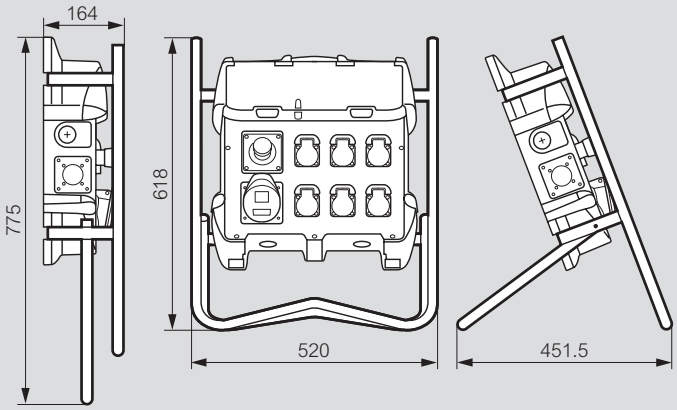
Examples of most common combinations with bases for 280 x 125 mm faceplates

Base	Total number of sockets on the base	Socket combination	Face plate according to the socket intensity		
			16 A	32 A	63 A
0 577 11 or 0 577 20	2	2 x 16 A or 2 x 32 A	0 577 18		-
	3	2 x 16 A interlocked sw.	0 577 23	-	-
0 577 03	4	3 x 16 A	0 577 14	-	-
		4 x 16 A or 4 x 32 A	0 577 18 x 2		-
		2 x 16 or 32 A + 2 x 63 A	0 577 19 x 2		
		3 x 16 or 32 A + 1 x 63 A	0 577 18 + 0 577 19		
		4 x 16 A interlocked sw.	0 577 23 x 2	-	-
	5	3 x 16 A + 1 x 16 or 32 A + 1 x 63 A	0 577 14 + 0 577 19		
		3 x 16 A + 2 x 16 or 32 A	0 577 14 + 0 577 18		-
0 577 04	6	6 x 16 A or 32 A	0 577 18 x 3		
		3 x 16 or 32 A + 3 x 63 A	0 577 19 x 3		
		5 x 16 or 32 A + 1 x 63 A	0 577 18 x 2 + 0 577 19		
		4 x 16 or 32 A + 2 x 63 A	0 577 18 + 0 577 19 x 2		
		6 x 16 A interlocked sw.	0 577 23 x 3	-	-
	7	3 x 16 A + 2 x 16 or 32 A + 2 x 63 A	0 577 14 + 0 577 19 x 2		
		3 x 16 A + 4 x 16 or 32 A	0 577 14 + 0 577 18 x 2		
		3 x 16 A + 3 x 16 or 32 A + 1 x 63 A	0 577 14 + 0 577 18 + 0 577 19		
	8	6 x 16 A + 1 x 16 or 32 A + 1 x 63 A	0 577 14 x 2 + 0 577 19		
		6 x 16 A + 2 x 16 or 32 A	0 577 14 x 2 + 0 577 18		
	9	16 A	0 577 14 x 3	-	-

1: Supplied with blanking plate - 2: To be fixed horizontally except 16 A domestic pin sockets, vertically (IP 44 - connected) - 3: IP 54 cover closed - IP 44 connected
4: External dimensions: H x W - 5: Interlocked switched socket with small flange - 6: IP 55 - Interlocked switched socket with small flange - 7: Can be used with the wall mounting lugs Cat.No 0 019 69 (p. 411)

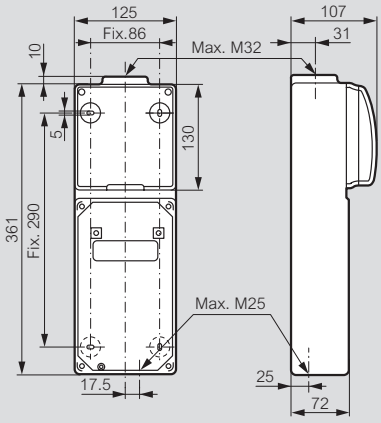
Dimensions

Foldable frame
Cat.No 0 577 43

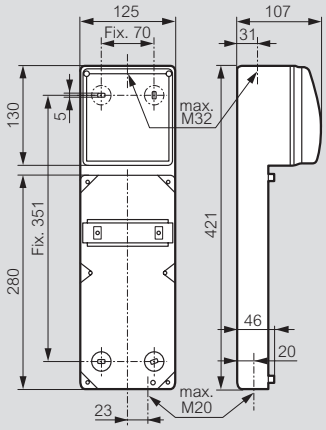


Bases

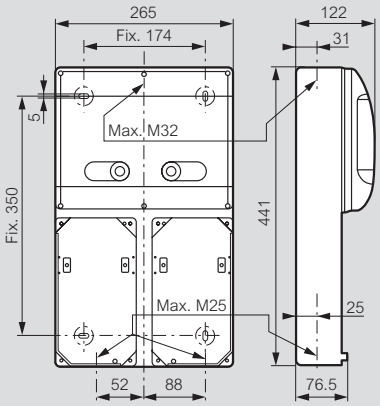
Cable glands are not supplied
Entries to drill
Cat.No 0 589 38



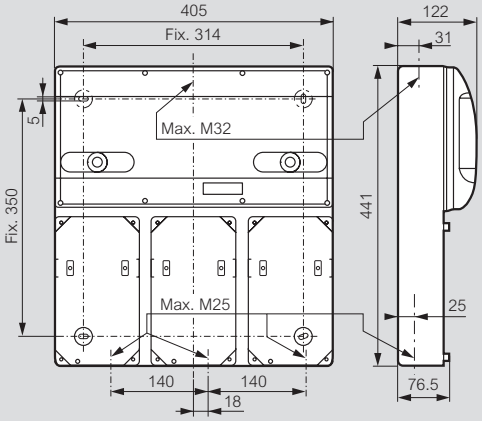
Cat.No 0 577 20



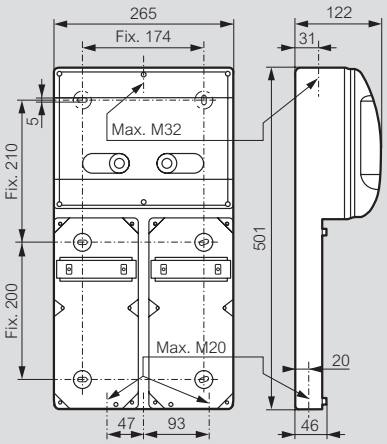
Cat.No 0 577 05



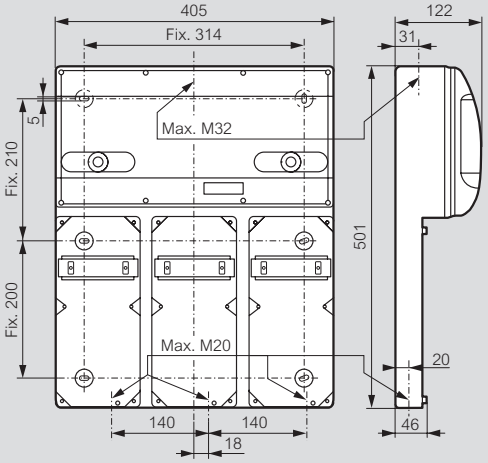
Cat.No 0 577 06



Cat.No 0 577 03

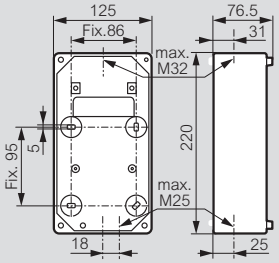


Cat.No 0 577 04

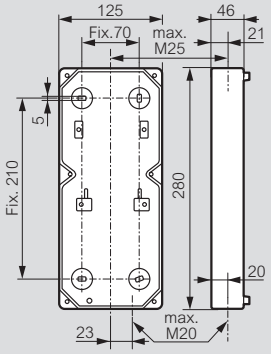


Surface mounting boxes

Cat.No 0 577 10



Cat.No 0 577 11



P 17 Tempra combined units LV 16 to 63 A

interlocked switched sockets

16-32 A			without rail				with empty Din rail			
• IP 44, IP 55, IP 66 according to IEC 60529 and EN 60529 • IK 08 according to IEC 62262 • Conform to IEC 61439-2 • Supplied without cable glands • Self-extinguishing: 650 °C			125 x 220 mm				125 x 280 mm			
			IP 44		IP 55		IP 44		IP 66	
			Pack	Cat.Nos	Pack	Cat.Nos	Pack	Cat.Nos	Pack	Cat.Nos
200 to 250 V~ 50/60 Hz	16 A	2P+E	1	0 566 01	1	0 566 21	1	0 566 41	1	0 566 61
	32 A	2P+E	1	0 566 09	1	0 566 29	1	0 566 49	1	0 566 69
380 to 415 V~ 50/60 Hz	16 A	3P+E	1	0 566 05		-		-	1	0 566 65
		3P+N+E	1	0 566 06	1	0 566 26	1	0 566 46	1	0 566 66
	32 A	3P+E	1	0 566 13	1	0 566 33	1	0 566 53	1	0 566 73
		3P+N+E	1	0 566 14	1	0 566 34	1	0 566 54	1	0 566 74

63 A			with empty Din rail	
• IP 66 according to IEC 60529 and EN 60529 • IK 08 according to IEC 62262 • Conform to IEC 61439-2 • Supplied without cable glands • Self-extinguishing: 650 °C			IP 66	
			Pack	Cat.Nos
380 to 415 V~ 50/60 Hz	63 A	3P+E	1	0 589 18
		3P+N+E	1	0 572 99

110 V combined units
Please, consult us

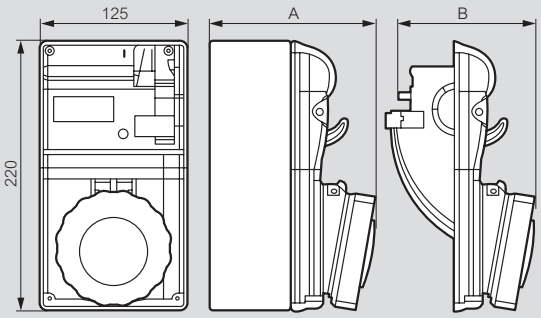
Interlocked switched sockets with small flange **p. 525**

P 17 Tempra combined units LV 16 to 63 A

interlocked switched sockets

Dimensions

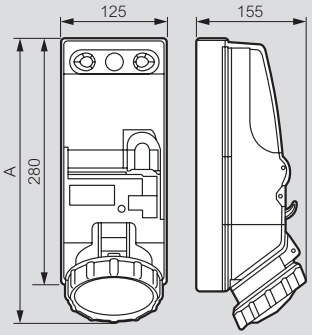
Without rail
LV 16/32 A



		IP 44 Cat.Nos	Dimensions (mm) A	B
LV 16 A	2P+E	0 566 01	127	122
	3P+E	0 566 05	129	124
	3P+N+E	0 566 06	130	125
LV 32 A	2P+E	0 566 09	138	133
	3P+E	0 566 13	138	133
	3P+N+E	0 566 14	139	134

		IP 55 Cat.Nos	Dimensions (mm) A	B
LV 16 A	2P+E	0 566 21	133	128
	3P+N+E	0 566 26	135	130
LV 32 A	2P+E	0 566 29	143	138
	3P+E	0 566 33	143	138
	3P+N+E	0 566 34	144	139

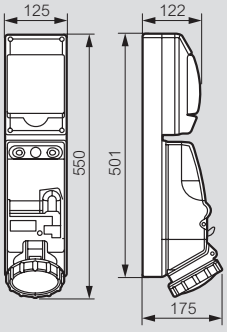
With empty Din rail
LV 16/32 A



	A	
	IP 44	IP 66
LV 16 A	290	300
LV 32 A	295	310

LV 63 A

Cat.Nos 0 589 18 and 0 572 99



Hypra® IP 44 sockets and plugs metal, plastic, rubber, IP 44/55 Prisinter™

LV 16 to 63 A and ELV 16 and 32 A

Conform to IEC 60309-1 and IEC 60309-2
IP 44 according to IEC 60529
IK 09: plastic and rubber
IK 10: metal according to IEC 62262
Self-extinguishing:
- 850°C (support of active parts) / 960 °C for Prisinter)
- 650 °C: plastic housing conform to IEC 60695-2-10
- 50°C to + 100°C
(- 20°C for Prisinter)

Dimensions p. 542 to 550

LV

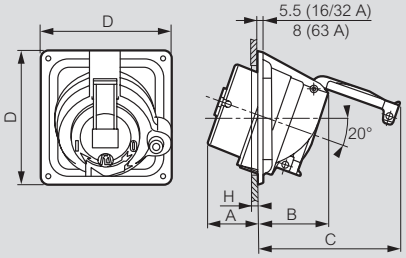
			Prisinter[2]				Panel mounting sockets			Surface mounting sockets		Through wiring surface mounting sockets		Straight plugs			Angled plugs			Mobile sockets		Panel appliance inlets		Surface appliance inlets	
			Female connector		Female connector		Female connector			Female connector		Female connector		Male connector			Male connector			Female connector		Male connector		Male connector	
			Panel mounting sockets		**Surface mounting sockets**		metal	plastic	with single fixing centres	metal	plastic	plastic		metal	plastic	rubber	metal	plastic	rubber	plastic	rubber	metal	plastic	metal	plastic
			metal	plastic	metal	plastic																			
200 to 250 V~ 50/60 Hz	**16 A**	**2P+E**	0 520 12	0 520 02	0 520 12 + 0 520 59	0 520 02 + 0 520 49	0 520 32	0 520 22[1]	0 520 18[1]	0 520 32 + 0 520 39	0 520 22[1] + 0 520 29[1]	0 520 22[1] + 0 520 89		0 521 42	0 520 42[1]	0 520 52[1]	0 520 72	0 520 62[1]	0 521 52	0 520 82[1]	0 520 92	0 521 62	0 521 72	0 521 62 + 0 520 69	0 521 72 + 0 520 79
	32 A	**2P+E**	-	0 527 02	-	0 527 02 + 0 529 49	0 527 32	-	0 527 18	0 527 32 + 0 529 39	0 527 18 + 0 529 40	0 527 18 + 0 529 90		-	0 527 42	0 527 52	0 527 72	0 527 62		0 527 82	0 527 92	0 528 62	0 528 72	0 528 62 + 0 529 69	0 528 72 + 0 529 79
380 to 415 V~ 50/60 Hz	**16 A**	**3P+E**	0 522 13	0 522 03	0 522 13 + 0 520 59	0 522 03 + 0 520 49	0 522 33	0 522 23[1]	0 522 19[1]	0 522 33 + 0 522 39[1]	0 522 23[1] + 0 522 29[1]	0 522 23[1] + 0 522 89		0 521 43	0 522 43[1]	0 522 53[1]	0 522 73	0 522 63[1]	0 521 53[1]	0 522 83[1]	0 522 93[1]	0 521 63	0 521 73	0 521 63 + 0 522 69	0 521 73 + 0 522 79
		3P+N+E	0 522 14	0 522 04	0 522 14 + 0 529 59	0 522 04 + 0 522 49	0 522 34	0 522 24[1]	0 522 20	0 522 34 + 0 522 39[1]	0 522 24[1] + 0 522 29[1]	0 522 24[1] + 0 522 89		0 521 44	0 522 44[1]	0 522 54	0 522 74	0 522 64	0 521 54	0 522 84	0 522 94	0 521 64	0 521 74	0 521 64 + 0 522 69	0 521 74 + 0 522 79
	32 A	**3P+E**	0 529 13	0 529 03	0 529 13 + 0 522 59	0 529 03 + 0 529 49	0 529 33	-	0 529 19	0 529 33 + 0 529 39	0 529 19 + 0 529 40	0 529 19 + 0 529 90		0 528 43	0 529 43[1]	0 529 53[1]	0 529 73	0 529 63	0 528 53	0 529 83	0 529 93[1]	0 528 63	0 528 73	0 528 63 + 0 529 69	0 528 73 + 0 529 79
		3P+N+E	0 529 14	0 529 04	0 529 14 + 0 522 59	0 529 04 + 0 529 49	0 529 34	-	0 529 20	0 529 34 + 0 529 39	0 529 20 + 0 529 40	0 529 20 + 0 529 90		0 528 44	0 529 44[1]	0 529 54	0 529 74	0 529 64	0 528 54	0 529 84	0 529 94	0 528 64	0 528 74	0 528 64 + 0 529 69	0 528 74 + 0 529 79
	63 A	**3P+E**	0 538 00	0 536 03	0 538 00 + 0 538 09	0 536 03 + 0 537 49	0 538 33	0 538 23	-	0 537 33	0 537 23	0 538 23 + 0 538 89		-	0 538 43	0 538 53	0 538 73	-	0 538 63	0 538 83	0 538 93	-	0 537 73	-	0 537 73 + 0 538 79
		3P+N+E	0 538 01	0 536 04	0 538 01 + 0 538 09	0 536 04 + 0 537 49	0 538 34	0 538 24	-	0 537 34	0 537 24	0 538 24 + 0 538 89		-	0 538 44	0 538 54	0 538 74	-	0 538 64	0 538 84	0 538 94	-	0 537 74	-	0 537 74 + 0 538 79
ELV																									
20 to 25 V~ 50/60 Hz	**16 A**	**2P**	-	-	-	-	-	0 524 01[1]	-	-	0 524 01[1] + 0 524 19[1]	-		-	0 524 21[1]	-	-	-	0 524 41[1]	0 524 61	0 524 81	-	-	-	-
	32 A	**2P**	-	-	-	-	-	0 525 01	-	-	0 525 01 + 0 524 19[1]	-		-	0 525 21	-	-	-	-	-	-	-	-	-	-

1: Pack = 1 except Cat.Nos with (1) pack = 5

100 to 130 V~ and 480 to 500 V~ available on request
Please, consult us

Prisinter - panel mounting sockets - LV 16-32-63 A

Terminal connection (max.)
BT 16 A : rigid - 1 x 4 mm²
BT 32 A : rigid - 1 x 10 mm²
BT 63 A : rigid - 1 x 25 mm²
Prisinter sockets 32 A : flexible - 1 x 6 mm²
Prisinter sockets 63 A : flexible - 1 x 16 mm²
Conform to EN 60309-1, NF EN 60309-2, IEC 60309-1 and IEC 60309-2
IK 09 : plastic and rubber
IK 10 : metal according to EN 62262 et IEC 62262
Self-extinguishing :
850 °C support of active parts, 950 °C for Prisinter
650 °C plastic honsing
- 50 °C à + 100 °C (- 20 °C for Prisinter)
Icc 10 kA according to EN 60309-1 and IEC 60309-1
Dust resistance IP may be increased by rubber push-button (on request)



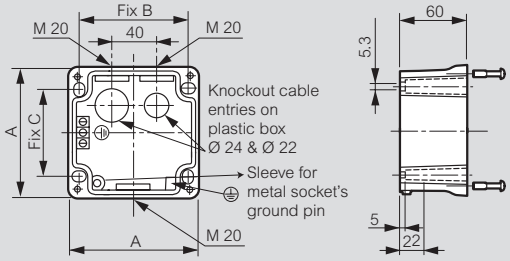
	Material	Weight (kg)	A	B	C	D	E	F min	F max	G	H max
16 A											
2P+E	Plastic	0.420	46	70	132	115	100	92	98	46	6 to 10
	Metal	1.250									
3P+E	Plastic	0.480	46	70	138	115	100	92	96	46	6 to 10
	Metal	1.330									
3P+N+E	Plastic	0.570	46	75	156	125	110	102	106	51.5	7
	Metal	1.470									
32 A											
2P+E	Plastic	0.570	54	77	153	143	125	115	122	58.5	10 to 20
	Metal	1.470									
3P+E	Plastic	0.610	54	77	153	143	125	115	122	58.5	10 to 20
	Metal	1.500									
3P+N+E	Plastic	0.650	55	79	169	143	125	119	122	58.5	9 to 13
	Metal	1.800									
63 A											
2P+E	Plastic	0.870	55	99	205	143	125	120	122	59.5	10 to 20
	Metal	1.500									
3P+E	Plastic	0.950	55	99	205	143	125	120	122	59.5	10 to 20
	Metal	1.850									
3P+N+E	Plastic	0.980	55	99	205	143	125	120	122	59.5	10 to 20
	Metal	2.200									

Breaking capacity 3 x 400 V~ according to IEC 60947-1-3

Category	16 A	32 A	63 A	Category	125 A	
AC 1	16 A	32 A	63 A	**AC 22 AC 23**	400 V	70 kW
AC 23	8.4 kW	16.8 kW	33 kW		500 V	87 kW
AC 3					600 V	120 kW

Reversible box for Prisinter sockets

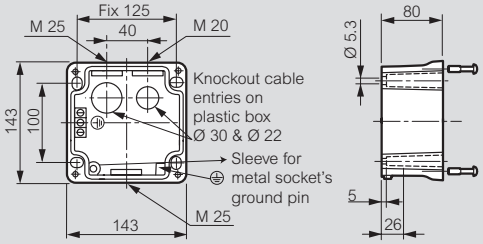
LV 16 A



3 entries among which
2 entries M20 sealed with B20P blanking plug for auxiliary contact use
Fitted with 2 connected earth terminals and 1 outside terminal on metal box

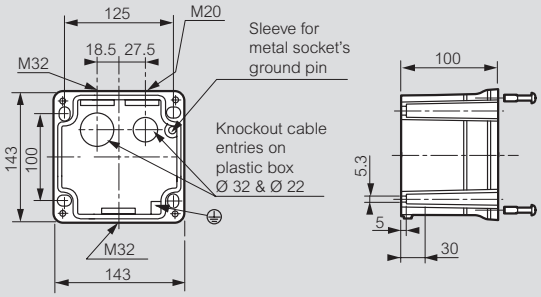
	Material	Weight (kg)	A (mm)	B (mm)	C (mm)
2P+E	Plastic	0.140	115	97	78
3P+E	Metal	0.800			
3P+N+E	Plastic	0.160	125	107	88
	Metal	0.900			

LV 32 A



3 entries among which
1 M20 sealed with B20P blanking plug for auxiliary contact
1 M25 sealed with B25P blanking plug
Fitted with 2 connected earth terminals and 1 outside terminal on metal box

LV 63 A



3 entries among which
1 M20 sealed with B20P blanking plug for auxiliary contact
1 M32 sealed with B32P blanking plug
Fitted with 1 outside earth terminal on metal box

Dust resistance IP can be increased by a rubber push-button,
On special request

Hypra IP 44, panel mounting sockets

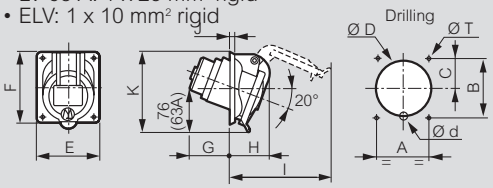
LV 16 to 63 A and ELV 16 and 32 A

Dimensions

IP 44 - LV 16 to 63 A and ELV 16 and 32 A

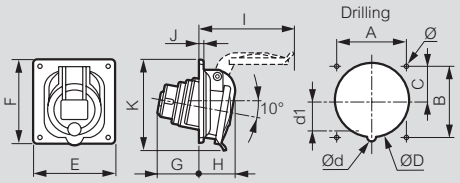
External screws in stainless steel - Nickel-plated contacts
Enable realization of surface mounting sockets, associated with reversible box

Terminal connection (max.):
- LV 16 A: 1 x 4 mm² rigid
- LV 32 A: 1 x 10 mm² rigid
- LV 63 A: 1 x 25 mm² rigid
- ELV: 1 x 10 mm² rigid



	Material	Weight (kg)	Drilling						Dimensions						
			A	B	C	ØD	Ød	ØT	E	F	G	H	I	J	K
LV - 16 A															
2P+E	Plastic	0.110	52	60	28	55	14.5	4.2	64	72	41	40	94	5.5	78.5
	Metal	0.340													
3P+E	Plastic	0.140	60	70	31	63.5	14.5	5.2	74	84	44	40	98	5.5	88
	Metal	0.405													
3P+N+E	Plastic	0.165	60	70	33	70.6	-	5.2	80	84	44	44	110	5.5	93
	Metal	0.450													
LV - 32 A															
2P+E/ 3P+E	Metal	0.605	70	80	38	76.2	10	5.2	84	94	50	53	120	5.5	103
3P+N+E	Metal	0.660	70	80	38	76.2	10	5.2	84	94	52	56	124	5.5	107
LV - 63 A															
2P+E	Plastic	0.600	77	85	-	92	-	6.5	106	106	98	70	160	6	129
	Metal	0.950													
3P+E	Plastic	0.640													
	Metal	1.000													
3P+N+E	Plastic	0.700													
	Metal	1.200													
ELV-16/32 A															
2P	Plastic	0.120	52	60	30	55	-	4.2	64	72	33	47	94	5.5	78.5

IP 44 - LV 16 and 32 A with single fixing centres

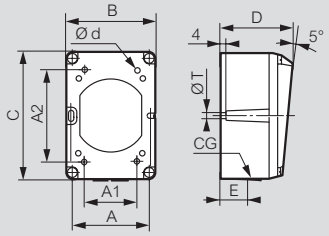


	Weight (kg)	A	B	C	ØD	Ød	d1	E	F	G	H	I	J	K	Ø
LV 16 A															
2P+E	0.110	70	70	35	76.2	/	/	84	84	37	36	89	4.5	88	4.2
3P+E	0.140	70	70	35	76.2	/	/	84	84	43	36	97	4.5	89	4.2
3P+N+E	0.165	70	70	35	76.2	/	/	84	84	43	37	106	4.5	91	4.2
LV - 32 A															
2P+E/ 3P+E	0.220	70	70	35	76.2	–	–	84	94	54	45	117	4.5	100	4.2
3P+N+E	0.255	70	70	35	76.2	8	36	84	94	54	46	125	4.5	102	4.2

Hypra IP 44, surface mounting sockets reversible box

Dimensions

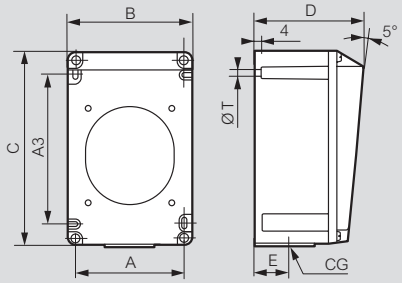
IP 44 - ELV 16 and 32 A, IP 44 - LV 16 A



Fix A1 and A2:
Blind optional fixing points
Metal boxes fitted with
- 2 connected earth terminals and 1 outside terminal
- 1 sleeve for metal socket's ground pin

Surface mounting sockets → / Panel mounting sockets ↓	Material	Weight (kg)	Drilling					Dimensions				CG cable gland
			A1	A2	Ød	A	ØT	B	C	D	E	
IP 44 - ELV 16/32 A												
2P+E	Plastic	0.115	51	68	4.2	64	5.3	74	106	58	20	M 25
IP 44 - LV 16 A												
2P+E	Plastic	0.115	51	68	4.2	64	5.3	74	106	58	20	M 20
	Metal	0.400										
3P+E/ 3P+N+E	Plastic	0.160	68	68	4.2	85	5.3	96	122	60	22	M 20
	Metal	0.520										

IP 44 - LV 32 A



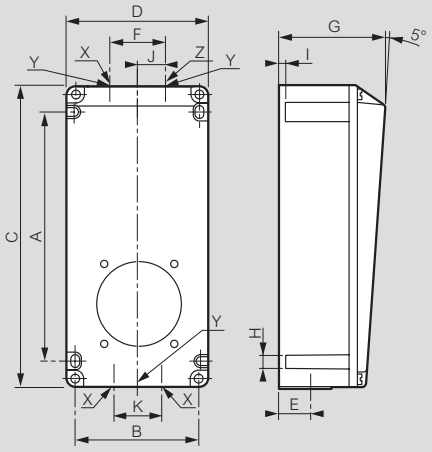
Blind optional fixing points
Metal boxes fitted with
- 2 connected earth terminals and 1 outside terminal
- 1 sleeve for metal socket's ground pin

Surface mounting sockets → / Panel mounting sockets ↓	Material	Weight (kg)	Drilling			Dimensions				CG cable gland
			A	A3	ØT	B	C	D	E	
IP 44 - LV 32 A										
2P+E/ 3P+E/ 3P+N+E	Plastic	0.340	90	125	5.3	102	162	90	26	M 25
	Metal	0.910								

Hypra IP 44, through wiring surface mounting sockets

Dimensions

IP 44 - LV 16 to 63 A



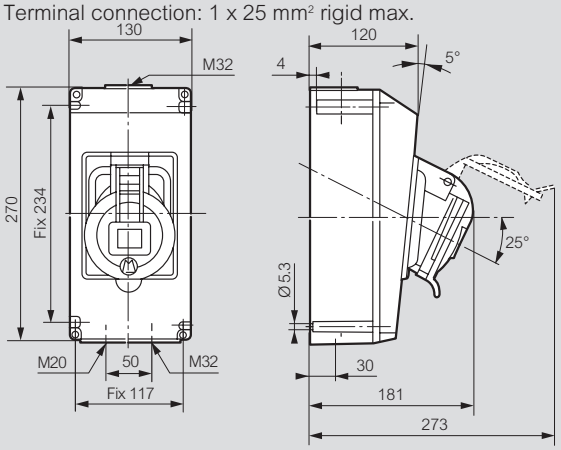
Surface mounting sockets -> / Panel mounting sockets ↓	Material	Weight (kg)	Drilling A	B	H	Dimensions C	D	E	F	G	I	J	K	X	Y	Z
16 A																
2P+E	Plastic	0.330	145	74	5.3	182	86	22	34	75	4	-	-	-	M 20	
	Metal	0.830														
3P+E/ 3P+N+E	Plastic	0.440	175	88	5.3	212	100	22	40	77	4	-	-	-	M 20	-
	Metal	0.980														
32 A																
2P+E/ 3P+E/ 3P+N+E	Plastic	0.670	234	117	5.3	270	130	30	50	120	4	-	-	-	M 25	-
	Metal	1.730														
63 A (Panel appliance inlets 63 A can be fixed)																
2P+E/ 3P+E/ 3P+N+E	Plastic	2.000	260	152	6.3	300	170	40	-	150	8	50	70	M 32	-	M 20
	Metal	4.300		157												

Hypra IP 44 surface mounting sockets

External screws in stainless steel - Nickel-plated contacts

IP 44 - LV 63 A

Terminal connection: 1 x 25 mm² rigid max.



	Material	Weight (kg)
3P+E	Plastic	1.45
3P+N+E	Plastic	1.5

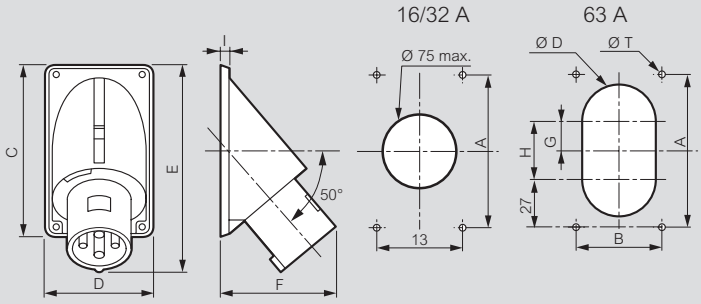
Hypra® IP 44 - panel appliance inlets and reversible boxes

External screws in stainless steel - Nickel-plated contacts

Panel appliance inlets (inclined)

IP 44: LV 16, 32 and 63 A

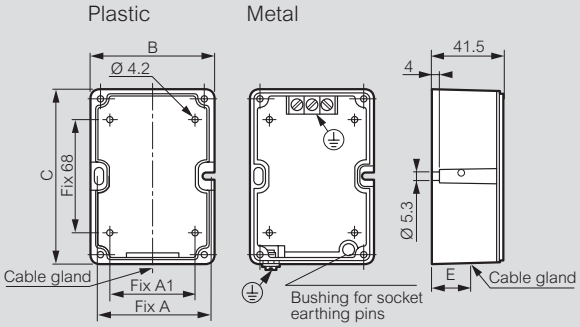
Terminal connections:
- 16 A: 1 x 2.5 mm² max. rigid
- 32 A: 1 x 6 mm² max. rigid
- 63 A: 1 x 25 mm² max. rigid



	Material	Weight (kg)	Drilling					Dimensions					
			A	B	ØT	ØD	G	H	C	D	E	F	I
LV - 16 A													
2P+E	Plastic	0.140	94	62	4.5	40	-	-	104	72	121	78	6
	Metal	0.530											
3P+E	Plastic	0.160	109	83	4.5	40	-	-	120	94	135	86	6
	Metal	0.630											
3P+N+E	Plastic	0.190									139		
	Metal	0.690											
LV - 32 A													
2P+E/ 3P+E	Plastic	0.280	149	90	5.5	40	-	-	160	101	176	111	6
	Metal	0.950											
3P+N+E	Plastic	0.320									174	108	
	Metal	1.000											
LV - 63 A													
2P+E	Plastic	0.560	163	93	6.5	80	42	62	183	113	221	120	8
3P+E	Plastic	0.630											
	Metal	2.230											
3P+N+E	Plastic	0.690											
	Metal	2.450											

Reversible boxes for surface appliance inlets

LV 16 A



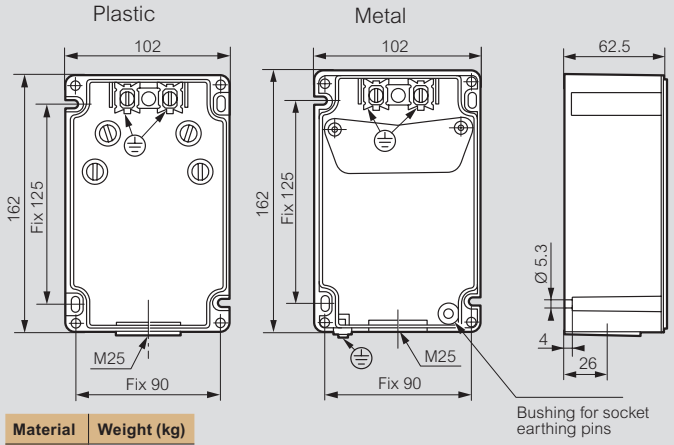
Fix A1 and Fix 68:
Blind optional fixing points

	Material	Weight (kg)	A	A1	B	C	E	Cable gland
2P+E	Plastic	0.085	64	51	74	106	20	M20
	Metal	0.250					22	
3P+E	Plastic	0.110	85	68	96	122	22	M20
3P+N+E	Metal	0.360						

Hypra® IP 44 - appliance inlets and reversible boxes

LV 32 A

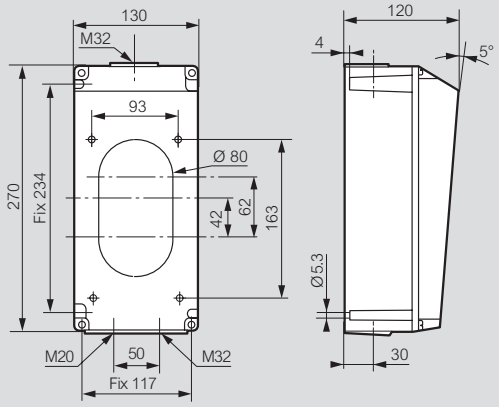
Fitted with 2 connected earth terminals and 1 outside terminal on metal box



Material	Weight (kg)
Plastic	0.240
Metal	0.650

LV 63 A

Fitted with 2 connected earth terminals and 1 outside terminal on metal box



Material	Weight (kg)
Plastic	0.670
Metal	1.730

Hypra IP 66/67-55 plastic - increased safety

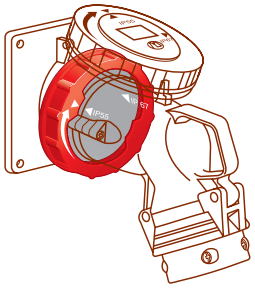
LV 16 to 125 A

63 A and 125 A easy connection disconnection

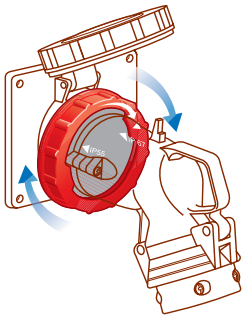
Conform to IEC 60309-1 and IEC 60309-2 IP according to IEC 60529 IK 09: Plastic Self-extinguishing: 850°C (support of active parts) / 650°C (plastic housing) Dimensions p. 547 to 550			FUNCTIONS									
			Panel mounting sockets		Surface mounting sockets	Through wiring surface mounting sockets	Straight plugs	Angled plugs	Mobile sockets	Surface appliance inlets	Straight panel appliance inlets	Socket with break isolating switch
			Female connector									
LV			inclined outlets	with single fixing centres	Female connector	Female connector	Male connector	Male connector	Female connector	Male connector	Male connector	Female connector
200 to 250 V~ 50/60 Hz	16 A	2P+E	0 511 26(1)	0 511 46	0 511 26(1) + 0 520 29(1)	0 511 26(1) + 0 520 89	0 511 56(1)	0 511 06	0 511 76	0 511 86	-	-
	32 A	2P+E	-	0 530 46	0 530 46 + 0 529 40	0 530 46 + 0 529 90	0 530 56	0 530 06	0 530 76	0 530 86	-	-
380 to 415 V~ 50/60 Hz	16 A	3P+E	0 511 30	0 511 50	0 511 30 + 0 522 29(1)	0 511 30 + 0 522 89	0 511 60(1)	0 511 10	0 511 80	0 511 90	-	-
		3P+N+E	0 511 31	0 511 51	0 511 31 + 0 522 29(1)	0 511 31 + 0 522 89	0 511 61(1)	0 511 11	0 511 81	0 511 91	-	-
	32 A	3P+E	-	0 530 50	0 530 50 + 0 529 40	0 530 50 + 0 529 90	0 530 60	0 530 10	0 530 80	0 530 90	-	-
		3P+N+E	-	0 530 51	0 530 51 + 0 529 40	0 530 51 + 0 529 90	0 530 61	0 530 11	0 530 81	0 530 91	-	-
	63 A	3P+E	0 594 27	-	0 594 37	0 594 27 + 0 538 89	0 594 47	-	0 594 87	-	0 594 77(2)	-
		3P+N+E	0 594 28	-	0 594 38	0 594 28 + 0 538 89	0 594 48	-	0 594 88	-	0 594 78(2)	-
	125 A	3P+E	0 595 12	-	0 595 02	-	0 595 22	-	0 595 32	-	0 595 42	0 591 14
		3P+N+E	0 595 13	-	0 595 03	-	0 595 23	-	0 595 33	-	0 595 43	0 591 15

1: Pack = 1 except Cat.Nos with (1) pack = 5
2: Can be fixed on Cat.No 0 538 89 to obtain a straight surface mounting appliance inlet

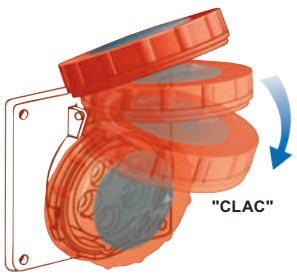
Complete range from 16 A to 125 A: IP 55 (minimum) guaranted



When connected: IP 55 guaranted with the cover closed on the plug (with a pair of Hypra IP 66/67-55 products)



IP 66/67 obtained with the ring locked



When not connected IP 55 assured when cover is closed; IP 66/67 obtained with the ring locked

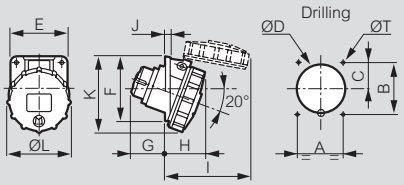
Hypra IP 66/67-55 panel mounting sockets

LV 16 to 125 A and ELV 16 and 32 A

Dimensions

IP 66/67-55 - LV 16 A

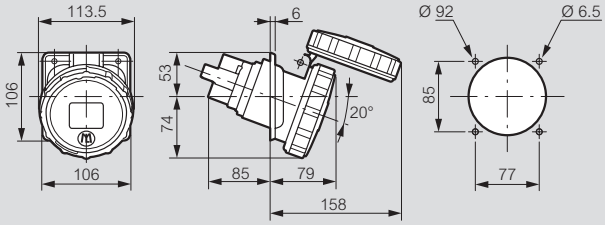
External screws in stainless steel - Nickel-plated contacts
Terminal connection (max.): 1 x 4 mm² rigid or flexible



	Weight (kg)	Drilling					Dimensions							
		A	B	C	ØD	ØT	E	F	G	H	I	J	K	L
LV - 16 A														
2P+E	0.140	52	60	33	55	4.2	64	72	40	45	91	5.5	87	72.5
3P+E	0.165	60	70	39	63.5	5.2	74	84	41	48	102	5.5	96	81
3P+N+E	0.195	60	70	37	70.6	5.2	80	84	42	50	106	5.5	96	86.5

IP 66/67-55 - LV 63 A

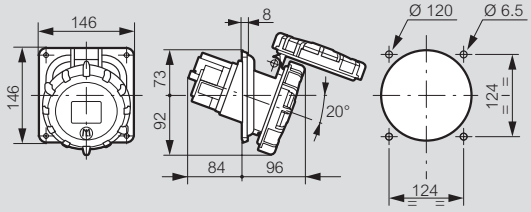
Terminal connection (max.): 1 x 25 mm² rigid



	Weight (kg)
2P+E	0.680
3P+E	0.710
3P+N+E	0.770

IP 66/67-55 - LV 125 A

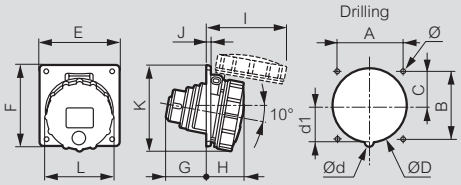
Terminal connection (max.): 1 x 70 mm² rigid



	Weight (kg)
3P+E	1.400
3P+N+E	1.550

IP 66/67-55 - LV 16 and 32 A with single fixing centres

Terminal connection (max.):
- 16 A: 1 x 4 mm² rigid
- 32 A: 1 x 10 mm² rigid

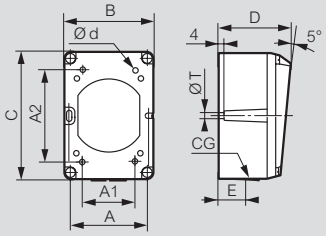


	Weight (kg)	Drilling							Dimensions (mm)							
		A	B	C	ØD	Ød	d1	Ø	E	F	G	H	I	J	K	ØL
LV 16 A																
2P+E	0.140	70	70	35	76.2	-	-	4.2	84	84	42	39	83	4.5	90	72.5
3P+E	0.165	70	70	35	76.2	-	-	4.2	84	84	43	41	98	4.5	93	81
3P+N+E	0.195	70	70	35	76.2	-	-	4.2	84	84	43	41	99	4.5	91	86.5
LV 32 A																
2P+E	0.240	70	70	35	76.2	-	-	4.2	84	94	54	50	113	4.5	101	94.5
3P+E	0.240	70	70	35	76.2	-	-	4.2	84	94	54	50	113	4.5	101	94.5
3P+N+E	0.270	70	70	35	76.2	8	36	4.2	84	94	54	51	120	4.5	103	101

Hypra IP 66/67-55 surface mounting sockets reversible box

Dimensions

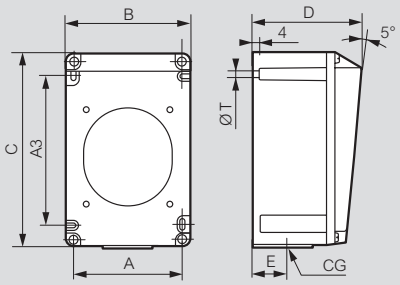
IP 66/67-55 - LV 16 A



Fix A1 and A2:
Blind optional fixing points
Metal boxes fitted with
- 2 connected earth terminals and 1 outside terminal
- 1 sleeve for metal socket's ground pin

Surface mounting sockets–> Panel mounting sockets ↓	Material	Weight (kg)	Drilling					Dimensions				CG cable gland
			A1	A2	Ød	A	ØT	B	C	D	E	
IP 66/67-55 - LV 16 A												
2P+E	Plastic	0.115	51	68	4.2	64	5.3	74	106	58	20	M 20
	Metal	0.400										
3P+E/ 3P+N+E	Plastic	0.160	68	68	4.2	85	5.3	96	122	60	22	M 20
	Metal	0.520										

IP 66/67-55 - LV 32 A



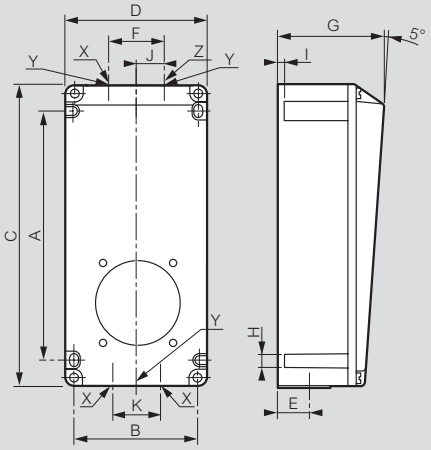
Blind optional fixing points
Metal boxes fitted with
- 2 connected earth terminals and 1 outside terminal
- 1 sleeve for metal socket's ground pin

Surface mounting sockets ≃> Panel mounting sockets ↓	Material	Weight (kg)	Drilling			Dimensions				CG cable gland
			A	A3	ØT	B	C	D	E	
IP 66/67-55 - LV 32 A										
2P+E/ 3P+E/ 3P+N+E	Plastic	0.340	90	125	5.3	102	162	90	26	M 25
	Metal	0.910								

Hypra IP66/67-55 and IP 66/67 through wiring surface mounting sockets

Dimensions

IP 66/67-55 - LV 16 and 32 A, IP 66/67 - LV 63 A

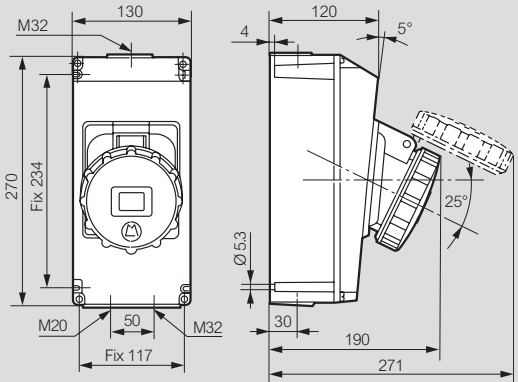


Surface mounting sockets–> Panel mounting sockets ↓	Material	Weight (kg)	Drilling			Dimensions											
			A	B	H	C	D	E	F	G	I	J	K	X	Y	Z
16 A																	
2P+E	Plastic	0.330	145	74	5.3	182	86	22	34	75	4	-	-	-	M 20	
	Metal	0.830															
3P+E/ 3P+N+E	Plastic	0.440	175	88	5.3	212	100	22	40	77	4	-	-	-	M 20	-
	Metal	0.980															
32 A																	
2P+E/ 3P+E/ 3P+N+E	Plastic	0.670	234	117	5.3	270	130	30	50	120	4	-	-	-	M 25	-
	Metal	1.730															
63 A (Panel appliance inlets 63 A can be fixed)																	
2P+E/ 3P+E/ 3P+N+E	Plastic	2.000	260	152	6.3	300	170	40	-	150	8	50	70	M 32	-	M 20
	Metal	4.300		157												

Hypra IP 66/67-55 surface mounting sockets

External screws in stainless steel - Nickel-plated contacts

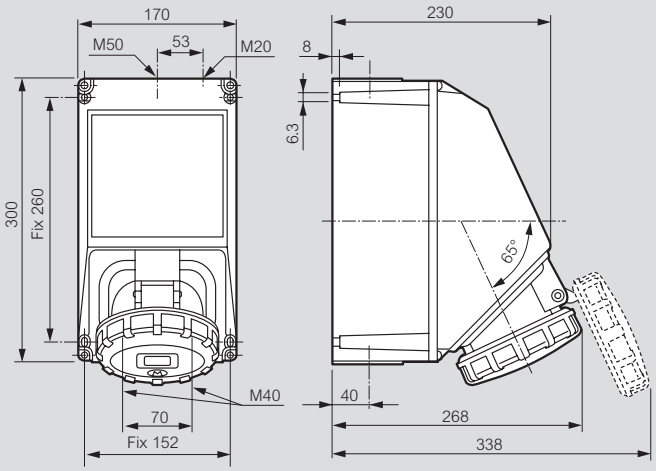
IP 66/67-55 - LV 63 A



	Weight (kg)
2P+E	1.6
3P+E	1.65
3P+N+E	1.7

IP 66/67-55 - LV 125 A

Terminal connection: 1 x 70 mm² rigid max.



	Weight (kg)
3P+E	3.5
3P+N+E	3.7

Hypra IP 66/67-55 - appliance inlets and sockets with break isolating switch

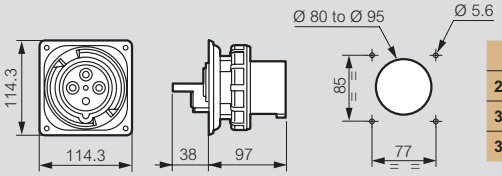
Panel mounting appliance inlets

External screws in stainless steel - Nickel-plated contacts

IP 66/67-55 - 63 A

Can be fixed on box Cat.No 0 538 89

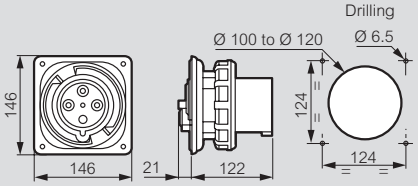
Terminal connection: 1 x 16 mm² max. rigid



	Weight (kg)
2P+E	0.490
3P+E	0.548
3P+N+E	0.610

IP 66/67-55 - 125 A

Terminal connection: 1 x 50 mm² max. rigid



	Weight (kg)
3P+E	1.000
3P+N+E	1.150

Socket with break isolating switch

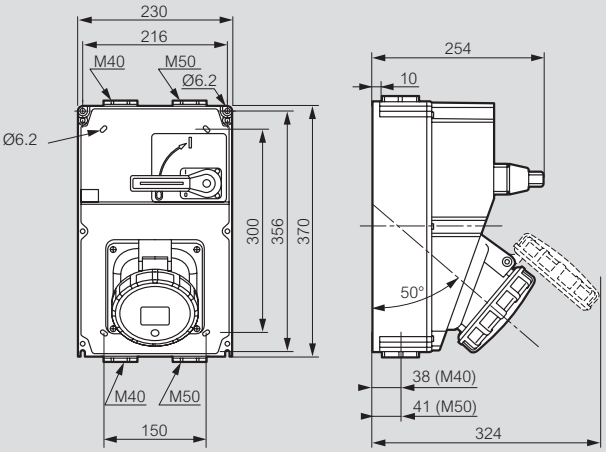
IP 66/67-55 - LV 125 A

IP 67 according to IEC and EN 60529

Icc 10 kA according to IEC and EN 60309-1

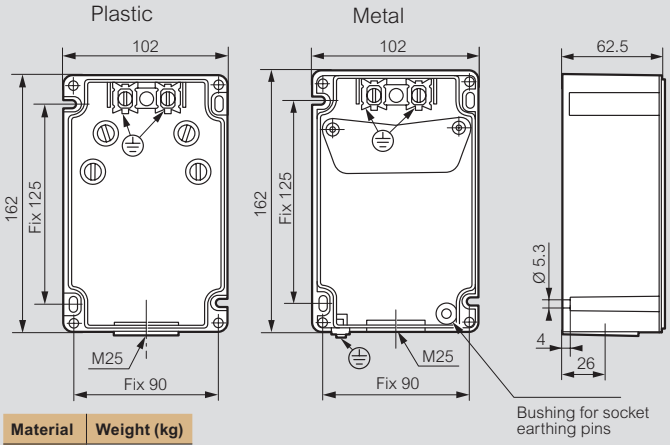
Panel mounting sockets: IK 09 according to IEC and EN 62262

External screws in stainless steel



LV 32 A

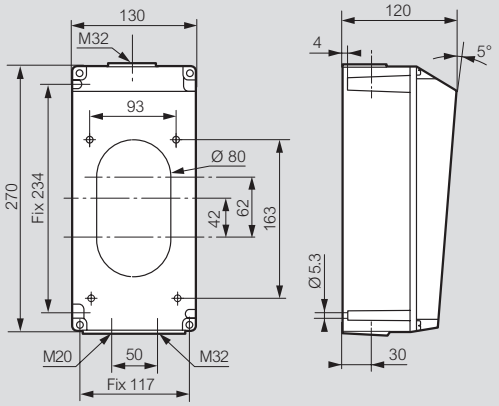
Fitted with 2 connected earth terminals and 1 outside terminal on metal box



Material	Weight (kg)
Plastic	0.240
Metal	0.650

LV 63 A

Fitted with 2 connected earth terminals and 1 outside terminal on metal box



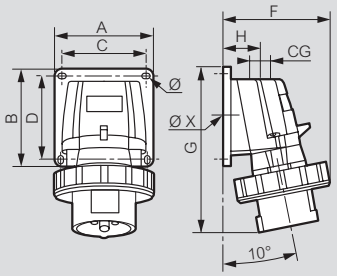
Material	Weight (kg)
Plastic	0.670
Metal	1.730

Surface mounting appliance inlets

IP 66/67-55 - LV 16 and 32 A

Terminal connections:

- 16 A: 1 x 2.5 mm² max. rigid
- 32 A: 1 x 6 mm² max. rigid



	Weight	A/B	C/D	F	G	H	CG cable gland	Ø	ØX
16 A									
2P + E	0.188	84	72	87	126	34	M 20	4.3	17
3P + E	0.257			95	134				
3P+N+ E	0.297			100	141				
32 A									
2P + E	0.370	110	98	107	168	39	M 25	5.3	24
3P + E									
3P+N+ E	0.413			113					

Bells for industrial and alarm use

0 413 49

0 414 19

0 414 39

Class I

Double insulated
Polyester corrosion resistant finish
200 hours maxi. continuous rating

IP 40 - IK 08 - 50/60 Hz - Alternating current version

Ø100 mm gong

Pack	Cat.Nos	RAL 7037 Grey	Voltage ∿	Consumption (mA)	Average acoustic output at 1 m (dB)	Weight (kg)
1	0 413 49		230 V	50	95	0.8

IP 44 - IK 10

Ø150 mm gong

Pack	Cat.Nos	Voltage ∿	Consumption (mA)	Average acoustic output at 1 m (dB)	Weight (kg)
1	0 414 16	24V	360	98	1
1	0 414 18	110/130 V	90	98	1
1	0 414 19	230 V	50	98	1

IP 44 - IK 10

Ø250 mm gong

Pack	Cat.Nos	Voltage ∿	Consumption (mA)	Average acoustic output at 1 m (dB)	Weight (kg)
1	0 414 39	230 V	70	98	2.1

Electromechanical and electronic siren

0 415 23

0 415 33 with claws

0 413 98

Technical characteristics and chart of sounds **p. 553**

Industrial warning devices 110 dB IP 20 - IK 08

Frequency 350/400 Hz, continuous sound
Operates intermittently: 1 min on / 10 min off

Pack	Cat.Nos		Consumption in mA
1	0 415 20	24 V∿ and = power supply	820
1	0 415 23	230 V∿ power supply	120

Electromechanical sirens IP 30 - IK 05

Supplied with screws for semi-flush mounting

D.C. current

Pack	Cat.Nos	Voltage =	Power (W)	Consumption (mA)	Average acoustic output at 1 m (dB)	Weight (kg)	Max. continuous rating (hr)
1	0 415 32	12 V	11	889	98	0.2	200
1	0 415 33	24 V	12	516	100	0.2	200

A.C. current - 50/60 Hz

Pack	Cat.Nos	Voltage ∿	Power (W)	Consumption (mA)	Average acoustic output at 1 m (dB)	Weight (kg)	Max. continuous rating (hr)
1	0 415 36	24 V	12.5	531	100	0.2	200
1	0 415 38	110 V	70	400	105	0.35	100
1	0 415 39	230 V	57	250	105	0.35	100

Multi-sound electronic siren

To be equipped with base for LED beacons and multi-sound electronic sirens
Cat.Nos 0 413 81/82/83 (p. 552)
64 electronic sounds possible, 2 channels
Configuration by microswitches
Adjustable sound level from 54 to 102 dB (1m)
Dimensions: Ø92 mm x 60 mm
Power supply from 12 V AC/DC to 230 V AC depending on the installed base

Pack	Cat.Nos	
1	0 413 98	IP 65 - IK 08

0 413 82

0 413 86

0 413 87

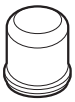
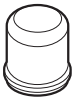
0 413 88

0 413 92

Technical characteristics **p. 553**

Pack	Cat.Nos	Bases for LED beacons and multi-sound electronic sirens
		For LED beacons Cat.Nos 0 413 86/87/88/92/93 and multi-sound electronic sirens Cat.No 0 413 98 (p. 394)
		12/24 V∿ and ⎓
1	0 413 81	IP 65, side wiring, equipped with 2 cable glands Dimensions : height 46 mm, Ø92 mm
		40/80 V∿ and ⎓
1	0 413 82	IP 65, side wiring, equipped with 2 cable glands Dimensions : height 46 mm, Ø92 mm
		120/240 V∿
1	0 413 83	IP 65, side wiring, equipped with 2 cable glands Dimensions : height 46 mm, Ø92 mm

Pack	Cat.Nos	Compact size LED beacons
		To be equipped with base Cat.No 0 413 81/82/83 Adjustable light intensity (3 levels) 5 separate light effects: steady, single or double flash, strobe effect, random Can be controlled via independent electrical contacts and/or push-buttons Dimensions : height 42.5 mm, Ø92 mm IP65 - IK 08 Power supply from 12 V∿ and ⎓ to 230 V∿ depending on the installed base
		580 Candelas
1	0 413 86	Orange
		640 Candelas
1	0 413 87	Red
		680 Candelas
1	0 413 88	Green

Pack	Cat.Nos	Large size LED beacons
		To be equipped with base Cat.No 0 413 81/82/83 3 separate light effects: steady, rotating, flashing Can be controlled via independent electrical contacts Dimensions : height 110 mm, Ø92 mm IP65 - IK 08 Power supply from 12 V∿ and ⎓ to 230 V∿ depending on the installed base
		7 Candelas
1	0 413 92	 Orange
		5 Candelas
1	0 413 93	 Red

Multi-sound electronic sirens and illuminated signalling

technical characteristics

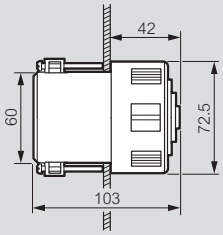
Chart of sounds for Cat.No 0 413 98

	N°	Graphical representation	Frequency (Hz)	Cycles
CHANNEL A	0		600 – 700	0.5s/0.5s
	1		440 – 560	565s/565s
	2		800 – 970	0.25s/0.25s
	3		800 – 970	0.8s/0.8s
	4		1000 – 2000	1s/1s
	5		420	0.625s ON/0.625s OFF
	6		660	0.15s ON/0.15s OFF
	7		660	1.8s ON/1.8s OFF
	8		660	0.5s ON/0.5s OFF
	9		720	0.7s ON/0.3s OFF
	10		750	0.33s ON/0.5s OFF
	11		800	0.25s ON/1s OFF
	12		970 – 800	0.35s/0.35s/0.35s OFF X 3 1.5s OFF
	13		970	0.5s ON/0.5s OFF X 3 1.5s OFF
	14		970	0.25s ON/0.25s OFF
	15		2850	1s ON/1s OFF
	16		2850	0.25s ON/0.25s OFF
	17		300	
	18		660	
	19		750	
	20		2850	
	21		500 – 1200	3.5s ON/0.5s OFF
	22		500 – 1200	0.5s ON/0.5s OFF X 3 1.5s OFF
	23		800 – 970	0.5s ON/0.5s OFF X 3 1.5s OFF
	24		1000 – 1700	Cycle 0.25s
	25		1000 – 1700	Cycle 0.8s
	26		1000 - 3000	Cycle 0.64s
	27		1000 - 3000	Cycle 0.32s
	28		-	Random
	29		-	Random
	30		700 - 600	0.35s/0.7s/0.5s OFF
	31		554 – 440	0.35s/0.7s/0.5s OFF
CHANNEL B	32		480 – 610	0.5s/0.5s
	33		970 – 630	0.5s/0.5s
	34		554 – 440	0.1s/0.4s
	35		440 – 554	0.5s/0.5s
	36		510 – 610	0.5s/0.5s
	37		510 – 610	1s/1s
	38		600 – 700	1s/1s
	39		550 – 1000	0.5s/0.5s
	40		550 – 1000	1s/1s
	41		800 – 1000	0.5s/0.5s
	42		800 – 1000	1s/1s
	43		1000 – 2000	0.5s/0.5s
	44		2400 – 2850	0.265s/0.265s
	45		2400 – 2850	0.465s/0.465s
	46		640 – 970	0.5s/0.5s
	47		490 – 610	0.25s/0.25s
	48		610	–
	49		500	–
	50		970	–
	51		490	0.5s ON/1s OFF
	52		544	0.625s ON/0.625s OFF
	53		660	6.5s ON/13s OFF
	54		970	1s ON/1s OFF
	55		2850	0.5s ON/0.5s OFF X 3 1.5s OFF
	56		500 – 1200	Cycle 3.75s/0.25s OFF
	57		1400 – 1600	Cycle 1.5s
	58		800 – 970	Cycle 1.5s
	59		1200 – 500	Cycle 1s
	60		-	Random
	61		500 – 1500	Cycle 0.64s
	62		500 – 1500	Cycle 0.32s
	63		554 – 440	0.35s/0.7s/0.5s OFF

Dimensions

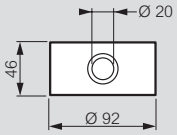
Electromechanical sirens

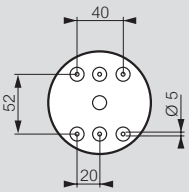
Cat.Nos 0 415 32/33/36/38/39



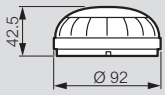
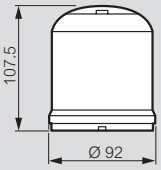
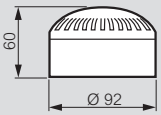
Bases

Cat.Nos 0 413 81/82/83





Electrical consumption

Cat.Nos	Color	Light intensity	Electrical consumption	Dimensions
0 413 86		580 cd	12 V - 250 mA 24 V - 155 mA 40 V - 200 mA 120 V - 70 mA 240 V - 55 mA + 0 413 81/82/83 : IP 65	
0 413 87		640 cd		
0 413 88		680 cd		
0 413 92		7 cd	12 V - 270 mA 24 V - 205 mA 40 V - 125 mA 120 V - 65 mA 240 V - 40 mA + 0 413 81/82/83 : IP 65	
0 413 93		5 cd		
0 413 98		54 - 102 dB	12 V - 280 mA 24 V - 185 mA 40 V - 70 mA 80 V - 55 mA 240 V - 35 mA + 0 413 81/82/83 : IP 65	

ARTEOR INTERNATIONAL WIRING ACCESSORIES & CONNECTED SOLUTIONS, MyHOME & HOTEL EQUIPMENT

ARTEOR™ WIRING ACCESSORIES

P. 558
Mechanical switches, push-buttons

P. 562 N
Contactless switches, motion sensors

P. 563 N
Dimmers

P. 565
Visual indication

P. 566
Heating, ventilation & roller blinds control

P. 568 N
USB chargers

P. 570
Lighting control, emergency push-buttons

P. 570
DP switches, cooker control units

P. 571
British standard socket outlets

P. 572 N
British standard and multistandard socket outlets with USB charger

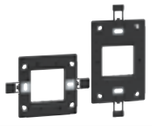
P. 574
International socket outlets

P. 578
Telephone and television sockets

P. 580
RJ 45 sockets

P. 582
USB data sockets

P. 583
Audio and video sockets



P. 585
International support frames

P. 586
Ancillary mechanisms and blanking cover plates

P. 587
Mounting supports and mounting boxes

P. 590
Hotel equipment (stand-alone)

P. 594
Plate selection charts

ARTEOR™ WITH NETATMO INTERNATIONAL

P. 606
Connected gateway pack

P. 606
Connected wired light switches, socket outlets and cable outlet

P. 609 N
Connected wired fan regulator and curtain/roller blind switches

P. 610 N
Wireless and wireless/batteryless controls and scene switches

P. 614
International support frames and combination examples

ARTEOR™ WITH NETATMO BRITISH STANDARD

P. 622
Connected gateway pack

P. 622
Connected wired light switches, socket outlets and cable outlet

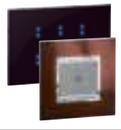
P. 625
Connected wired curtain/roller blind switches

P. 626 N
Wireless and wireless/batteryless controls and scene switches

P. 630
Combination examples

MyHOME

P. 638 N
BUS home system management



P. 641
BUS control mechanisms, touch plates and scenario controllers

P. 643
Key cover selection charts

P. 645
BUS modular equipment for lighting control automation and shutter control

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BUS energy management and temperature control

HOTEL EQUIPMENT

P. 651
Arteor BUS controls, key card switches and call indicators

P. 652
Equipment for reception, room and infrastructure

P. 653
UX for Upscale Hotel user interfaces

P. 655 N
Hotel room management: UX One touch controls

P. 656 N
Hotel room management: wireless batteryless switches

▶ NEW PRODUCTS

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Arteor USB chargers with fast charge feature

P. 610
Arteor with Netatmo wireless/batteryless controls and scene switches

P. 655-657
Hotel room management: UX One touch controls

ARTEOR™

Spoilt for choice

Arteor, the universal range of wiring devices, sets high standards in terms of design, functionality, versatility and ease of use.
From regular to high-end residential buildings, hotels and commercial premises: Arteor is the ideal choice for every kind of building, wherever in the world.

A collection of masterpieces

Arteor provides six collections of plate finishes, from the Neutral series to high-end metal finishes. For perfect integration into any modern environment.

6 collections of plate finishes

Neutral

Mirror

Brushed Metal

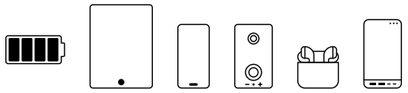
Reflective Metal

Wood

Signature

Designed to charge faster

Arteor offers a variety of powerful USB charging options for residential and commercial settings to ensure you can keep your mobile devices up and running.



USB C Power Delivery with smart ON/OFF for battery protection

Compact power 15W with up to 2 ports in one module

Power Delivery and Quick Charge for easy laptop charging

A new generation of powerful chargers with Power Delivery fast charge feature: suitable for charging laptops, smartphones, tablets and powerbanks.

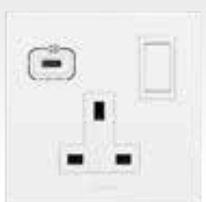
USB C+C 30 W

USB C 45W

USB C+C 63 W

Power-up two ways with one socket

BS 13 A socket outlets with USB chargers allow to charge up your mobile devices while your appliances run as usual.



Arteor™ mechanical switches

square version

5 720 04

5 700 04

5 710 04

5 724 50

5 720 06

5 725 36

5 720 43

Support frame and plate selection charts **p. 594-603**

Mechanisms supplied with rocker plates, to be equipped with support frames (p. 585) and plates (p. 594-603)

Pack	Cat.Nos	Switches 10 AX - 250 V~
		1-way switch
10	5 720 04	○ White - 1 module
10	5 725 04	● Magnesium - 1 module
10	5 700 04	● Champagne - 1 module
10	5 710 04	● Soft Alu - 1 module
10	5 724 50	● Red - 1 module
10	5 720 34	○ White - 2 modules
10	5 725 34	● Magnesium - 2 modules
10	5 700 34	● Champagne - 2 modules
10	5 710 34	● Soft Alu - 2 modules
		2-way switch
10	5 720 05	○ White - 1 module
10	5 725 05	● Magnesium - 1 module
10	5 700 05	● Champagne - 1 module
10	5 710 05	● Soft Alu - 1 module
10	5 720 35	○ White - 2 modules
10	5 725 35	● Magnesium - 2 modules
10	5 700 35	● Champagne - 2 modules
10	5 710 35	● Soft Alu - 2 modules
		2-way switch with indicator
		To be equipped with LED (p. 565)
10	5 720 06	○ White - 1 module
10	5 725 06	● Magnesium - 1 module
10	5 721 75	● Champagne - 1 module
10	5 721 74	● Soft Alu - 1 module
5	5 720 36	○ White - 2 modules
5	5 725 36	● Magnesium - 2 modules
5	5 721 77	● Champagne - 2 modules
5	5 721 76	● Soft Alu - 2 modules
		2-way switch with indicator and label-holder
		To be equipped with LED (p. 565)
5	5 720 37	○ White - 2 modules
5	5 725 37	● Magnesium - 2 modules
		Intermediate switch
5	5 720 08	○ White - 1 module
5	5 725 08	● Magnesium - 1 module
5	5 700 08	● Champagne - 1 module
5	5 710 08	● Soft Alu - 1 module
10	5 720 38	○ White - 2 modules
10	5 725 38	● Magnesium - 2 modules
10	5 721 66	● Champagne - 2 modules
10	5 721 65	● Soft Alu - 2 modules
		Double pole switch
10	5 720 40	○ White - 2 modules
5	5 725 40	● Magnesium - 2 modules
5	5 721 79	● Champagne - 2 modules
5	5 721 78	● Soft Alu - 2 modules

Pack	Cat.Nos	Switches 20 AX - 250 V~
		1-way switch
10	5 720 09	○ White - 1 module
10	5 725 09	● Magnesium - 1 module
10	5 700 09	● Champagne - 1 module
10	5 710 09	● Soft Alu - 1 module
10	5 720 41	○ White - 2 modules
10	5 725 41	● Magnesium - 2 modules
10	5 723 81	● Champagne - 2 modules
10	5 723 80	● Soft Alu - 2 modules
		2-way switch
10	5 720 10	○ White - 1 module
10	5 725 10	● Magnesium - 1 module
10	5 700 10	● Champagne - 1 module
10	5 710 10	● Soft Alu - 1 module
		2-way switch with indicator
		To be equipped with LED (p. 565)
10	5 720 11	○ White - 1 module
5	5 725 11	● Magnesium - 1 module
5	5 723 83	● Champagne - 1 module
5	5 723 82	● Soft Alu - 1 module
10	5 720 42	○ White - 2 modules
5	5 725 42	● Magnesium - 2 modules
5	5 723 85	● Champagne - 2 modules
5	5 723 84	● Soft Alu - 2 modules
		1-way switch - 3-gang
10	5 720 43	○ White - 2 modules
10	5 725 43	● Magnesium - 2 modules
10	5 723 87	● Champagne - 2 modules
10	5 723 86	● Soft Alu - 2 modules
		2 x 2-way switch + 1-way switch - 3-gang
10	5 720 44	○ White - 2 modules
10	5 725 44	● Magnesium - 2 modules
10	5 723 89	● Champagne - 2 modules
10	5 723 88	● Soft Alu - 2 modules
		1-way double pole switch
5	5 720 13	○ White - 1 module
5	5 725 13	● Magnesium - 1 module
5	5 721 83	● Champagne - 1 module
5	5 721 82	● Soft Alu - 1 module
5	5 724 51	● Red - 1 module
10	5 720 46	○ White - 2 modules
10	5 725 46	● Magnesium - 2 modules
10	5 721 85	● Champagne - 2 modules
10	5 721 84	● Soft Alu - 2 modules

Support frames and plates, **p. 585 and 594 to 603**

Arteor™ mechanical switches

square version (continued)

5 720 49

Support frame and plate selection charts **p. 594-603**

Mechanisms supplied with rocker plates, to be equipped with support frames (p. 585) and plates (p. 594-603)

Pack	Cat.Nos	Switches 20 AX - 250 V~ (continued)
		1-way double pole switch with indicator
		Red LED supplied
5	5 720 14	○ White - 1 module
5	5 725 14	● Magnesium - 1 module
5	5 721 87	● Champagne - 1 module
5	5 721 86	● Soft Alu - 1 module
10	5 720 47	○ White - 2 modules
10	5 725 47	● Magnesium - 2 modules
10	5 721 89	● Champagne - 2 modules
10	5 721 88	● Soft Alu - 2 modules
		1-way double pole switch with indicator and "WATER HEATER" marking
		Red LED supplied
10	5 720 49	○ White - 2 modules
10	5 725 49	● Magnesium - 2 modules
10	5 721 91	● Champagne - 2 modules
10	5 721 90	● Soft Alu - 2 modules
		2-way double pole switch
10	5 720 48	○ White - 2 modules
10	5 725 48	● Magnesium - 2 modules
10	5 721 93	● Champagne - 2 modules
10	5 721 92	● Soft Alu - 2 modules

Arteor™ mechanical switches

round version

5 731 10

5 731 11

5 731 12

5 730 62

Support frame and plate selection charts **p. 594-603**

Mechanisms supplied with rocker plates, to be equipped with support frames (p. 585) and plates (p. 594-603)

Pack	Cat.Nos	Switches 10 AX - 250 V~
		1-way switch
10	5 730 10	○ White - 1 left module
10	5 731 10	● Magnesium - 1 left module
10	5 700 62	● Champagne - 1 left module
10	5 710 62	● Soft Alu - 1 left module
10	5 730 11	○ White - 1 middle module
10	5 731 11	● Magnesium - 1 middle module
10	5 730 12	○ White - 1 right module
10	5 731 12	● Magnesium - 1 right module
10	5 700 63	● Champagne - 1 right module
10	5 710 63	● Soft Alu - 1 right module
10	5 730 60	○ White - 2 modules
10	5 731 60	● Magnesium - 2 modules
10	5 700 66	● Champagne - 2 modules
10	5 710 66	● Soft Alu - 2 modules
		2-way switch
10	5 730 13	○ White - 1 left module
10	5 731 13	● Magnesium - 1 left module
10	5 700 64	● Champagne - 1 left module
10	5 710 64	● Soft Alu - 1 left module
10	5 730 14	○ White - 1 middle module
10	5 731 14	● Magnesium - 1 middle module
10	5 730 15	○ White - 1 right module
10	5 731 15	● Magnesium - 1 right module
10	5 700 65	● Champagne - 1 right module
10	5 710 65	● Soft Alu - 1 right module
10	5 730 61	○ White - 2 modules
10	5 731 61	● Magnesium - 2 modules
10	5 700 67	● Champagne - 2 modules
10	5 710 67	● Soft Alu - 2 modules
		2-way switch with indicator
		To be equipped with LED (p. 565)
5	5 730 16	○ White - 1 left module
5	5 731 16	● Magnesium - 1 left module
5	5 731 34	● Soft Alu - 1 left module
5	5 730 17	○ White - 1 middle module
5	5 731 17	● Magnesium - 1 middle module
5	5 731 35	● Soft Alu - 1 middle module
5	5 730 18	○ White - 1 right module
5	5 731 18	● Magnesium - 1 right module
5	5 731 36	● Soft Alu - 1 right module
5	5 730 62	○ White - 2 modules
5	5 731 62	● Magnesium - 2 modules
5	5 731 37	● Soft Alu - 2 modules
		Intermediate switch
10	5 730 63	○ White - 2 modules
5	5 731 63	● Magnesium - 2 modules
5	5 730 67	● Soft Alu - 2 modules
		Double pole switch
5	5 730 65	○ White - 2 modules
5	5 731 65	● Magnesium - 2 modules
5	5 731 38	● Soft Alu - 2 modules

Arteor™ mechanical switches

round version (continued)

5 731 26

5 731 28

5 730 72

5 731 30

5 731 31

5 731 76

Support frame and plate selection charts **p. 594-603**

Mechanisms supplied with rocker plates, to be equipped with support frames (p. 585) and plates (p. 594-603)

Pack	Cat.Nos	Switches 20 AX - 250 V~
		1-way switch
10	5 730 20	○ White - 1 left module
10	5 731 20	● Magnesium - 1 left module
10	5 731 39	● Soft Alu - 1 left module
10	5 730 21	○ White - 1 middle module
10	5 731 21	● Magnesium - 1 middle module
10	5 731 40	● Soft Alu - 1 middle module
10	5 730 22	○ White - 1 right module
10	5 731 22	● Magnesium - 1 right module
10	5 731 41	● Soft Alu - 1 right module
10	5 730 70	○ White - 2 modules
10	5 731 70	● Magnesium - 2 modules
10	5 731 42	● Soft Alu - 2 modules
		2-way switch
10	5 730 23	○ White - 1 left module
10	5 731 23	● Magnesium - 1 left module
10	5 731 43	● Soft Alu - 1 left module
10	5 730 24	○ White - 1 middle module
10	5 731 24	● Magnesium - 1 middle module
10	5 731 44	● Soft Alu - 1 middle module
10	5 730 25	○ White - 1 right module
10	5 731 25	● Magnesium - 1 right module
10	5 731 45	● Soft Alu - 1 right module
		2-way switch with indicator
		To be equipped with LED (p. 565)
5	5 730 26	○ White - 1 left module
5	5 731 26	● Magnesium - 1 left module
5	5 730 28	○ White - 1 right module
5	5 731 28	● Magnesium - 1 right module
5	5 730 71	○ White - 2 modules
5	5 731 71	● Magnesium - 2 modules
		1-way switch - 3-gang
10	5 730 72	○ White - 2 modules
5	5 731 72	● Magnesium - 2 modules
5	5 731 46	● Soft Alu - 2 modules
		2 x 2-way switch + 1-way switch - 3-gang
10	5 730 73	○ White - 2 modules
10	5 731 73	● Magnesium - 2 modules
10	5 731 47	● Soft Alu - 2 modules

Pack	Cat.Nos	Switches 20 AX - 250 V~ (continued)
		1-way double pole switch
5	5 730 30	○ White - 1 left module
5	5 731 30	● Magnesium - 1 left module
5	5 730 31	○ White - 1 right module
5	5 731 31	● Magnesium - 1 right module
10	5 730 75	○ White - 2 modules
10	5 731 75	● Magnesium - 2 modules
		1-way double pole switch with indicator
		Red LED supplied
5	5 730 32	○ White - 1 left module
5	5 731 32	● Magnesium - 1 left module
5	5 730 33	○ White - 1 right module
5	5 731 33	● Magnesium - 1 right module
10	5 730 76	○ White - 2 modules
10	5 731 76	● Magnesium - 2 modules
10	5 731 48	● Soft Alu - 2 modules
		1-way double pole switch with indicator and "WATER HEATER" marking
		Red LED supplied
10	5 730 78	○ White - 2 modules
10	5 731 78	● Magnesium - 2 modules
10	5 731 49	● Soft Alu - 2 modules
		2-way double pole switch
10	5 730 77	○ White - 2 modules
5	5 731 77	● Magnesium - 2 modules

Arteor™ push-buttons

square version

5 700 00 5 710 00 5 720 15 5 725 16 5 725 33

Support frame and plate selection charts **p. 594-603**

Mechanisms supplied with rocker plates, to be equipped with support frames (p. 585) and plates (p. 594-603)

Pack	Cat.Nos	Push-buttons 6 A - 250 V~
		1-way push-button
10	5 720 00	○ White - 1 module
10	5 725 00	● Magnesium - 1 module
10	5 700 00	● Champagne - 1 module
10	5 710 00	● Soft Alu - 1 module
10	5 720 30	○ White - 2 modules
10	5 725 30	● Magnesium - 2 modules
10	5 730 35	● Champagne - 2 modules
10	5 730 34	● Soft Alu - 2 modules
		1-way push-button with bell symbol
5	5 720 15	○ White - 1 module
5	5 725 15	● Magnesium - 1 module
5	5 730 37	● Champagne - 1 module
5	5 730 36	● Soft Alu - 1 module
5	5 720 56	○ White - 2 modules
5	5 725 56	● Magnesium - 2 modules
5	5 730 39	● Champagne - 2 modules
5	5 730 38	● Soft Alu - 2 modules
		1-way push-button with locator and bell symbol Equipped with blue LED
5	5 720 16	○ White - 1 module
5	5 725 16	● Magnesium - 1 module
5	5 730 41	● Champagne - 1 module
5	5 730 40	● Soft Alu - 1 module
		2-way push-button
10	5 720 01	○ White - 1 module
5	5 725 01	● Magnesium - 1 module
5	5 730 43	● Champagne - 1 module
5	5 730 42	● Soft Alu - 1 module
10	5 720 31	○ White - 2 modules
5	5 725 31	● Magnesium - 2 modules
5	5 730 45	● Champagne - 2 modules
5	5 730 44	● Soft Alu - 2 modules
		2-way push-button with locator Equipped with blue LED
10	5 720 02	○ White - 1 module
10	5 725 02	● Magnesium - 1 module
10	5 730 47	● Champagne - 1 module
10	5 730 46	● Soft Alu - 1 module
10	5 720 32	○ White - 2 modules
5	5 725 32	● Magnesium - 2 modules
5	5 730 49	● Champagne - 2 modules
5	5 730 48	● Soft Alu - 2 modules
		2-way push-button with label-holder
10	5 720 03	○ White - 1 module
5	5 725 03	● Magnesium - 1 module
10	5 720 33	○ White - 2 modules
10	5 725 33	● Magnesium - 2 modules
10	5 700 33	● Champagne - 2 modules
10	5 710 33	● Soft Alu - 2 modules

Arteor™ push-buttons

round version

5 730 00 5 730 01 5 730 02 5 730 52 5 731 52

Support frame and plate selection charts **p. 594-603**

Mechanisms supplied with rocker plates, to be equipped with support frames (p. 585) and plates (p. 594-603)

Pack	Cat.Nos	Push-buttons 6 A - 250 V~
		1-way push-button
10	5 730 00	○ White - 1 left module
10	5 731 00	● Magnesium - 1 left module
10	5 730 54	● Soft Alu - 1 left module
10	5 730 01	○ White - 1 middle module
10	5 731 01	● Magnesium - 1 middle module
10	5 730 55	● Soft Alu - 1 middle module
10	5 730 02	○ White - 1 right module
10	5 731 02	● Magnesium - 1 right module
10	5 730 56	● Soft Alu - 1 right module
10	5 730 50	○ White - 2 modules
10	5 731 50	● Magnesium - 2 modules
10	5 730 57	● Soft Alu - 2 modules
		1-way push-button with bell symbol
5	5 730 80	○ White - 2 modules
5	5 731 80	● Magnesium - 2 modules
5	5 730 58	● Soft Alu - 2 modules
		2-way push-button
5	5 730 51	○ White - 2 modules
5	5 731 51	● Magnesium - 2 modules
5	5 730 59	● Soft Alu - 2 modules
		2-way push-button with locator Equipped with blue LED
5	5 730 52	○ White - 2 modules
5	5 731 52	● Magnesium - 2 modules
		2-way push-button with label-holder
10	5 730 53	○ White - 2 modules
5	5 731 53	● Magnesium - 2 modules

5 743 37

5 743 20

5 740 09A

5 740 47A

Support frame and plate selection charts **p. 594-603**
Load selection charts **p. 564**

Mechanisms supplied with rocker plates, to be equipped with support frames (p. 585) and plates (p. 594-603)

Contactless switch for lighting

2 modules
Allows to control light sources by simply passing the hand in front of the switch
Detection distance 6 cm
LED indicator light, activated by default (can be switched off)
Mechanism depth 20 mm, compatible with all types of flush-mounting boxes
2 possibilities of cabling:
• With neutral, 3 wires
Accepted power by lamp type:
- LEDs and CFL lamps: 200 W LED
- Incandescent and halogen lamps: 200 W
- LEDs, CFLs, halogen lamps, fluorescent tubes with ferromagnetic or electronic transformer: 200 VA
• Without neutral, 2 wires
Accepted power by lamp type:
- LEDs and CFL lamps: 5 to 200 W LED
- Incandescent and halogen lamps: 5 to 200 W
- LEDs, CFLs, halogen lamps, fluorescent tubes with ferromagnetic or electronic transformer: 5 to 200 VA
• 4 modes available:
- 1-way switch mode: wiring with or without neutral
- 2-way switch mode: wiring with neutral mandatory
- Master/Slave mode: wiring with neutral mandatory, 3 slaves max.
- Push-button mode: wiring with neutral mandatory, for controlling relays or a «with Netatmo» micromodule

Pack	Cat.Nos	
1	5 743 34	○ White
1	5 743 37	● Magnesium
1	5 743 36	● Champagne
1	5 743 35	● Soft Alu

Contactless switch for doors, electric and electromagnetic door locks

2 modules
Allows to control door opening by simply passing the hand in front of the switch
Detection distance adjustable from 10 cm (default setting) to 30 cm
LED indicator light, activated by default (can be switched off)
Mechanism depth 25 mm, compatible with all types of flush-mounting boxes
Power supply 12 - 24 - 48 V⎓
Available modes :
Steady mode/pulse mode (by default mode)
- NC/NO mode (by default mode)

Pack	Cat.Nos	
1	5 743 20	○ White

Motion sensors

Compatible with any type of lamp
IR detection, detection field 170°
Detection range 8 m
Time delay setting from 5 s to 30 min
Light level threshold setting from 5 to 1275 lux
4 levels of sensitivity setting
Installation in box min. depth 30 mm
2 modules

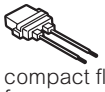
Motion sensor, 2 wires, without neutral
Standby consumption: < 0.01 W
Accepted power by lamp type:
- LEDs and CFL lamps: 2 to 100 W LED
- Halogen and incandescent: 2 to 150 W
- LEDs, CFLs, halogen, fluorescent tube with ferromagnetic or electronic transformer : 2 to 150 VA
If several sensors are installed on the same circuit, the minimum load changes: refer to the technical sheet
Possibility to install up to 3 sensors in parallel
Additionnal remote manual control possible with push-button, 10 max.
Can be associated with a modular time-lag switch Cat.Nos 4 126 02 or 0 047 04 (p. 106)
Accepted power by lamp type will be power of the time-lag switch used

Pack	Cat.Nos	
1	5 740 09A	○ White
1	5 740 59A	● Magnesium

Motion sensor, 3 wires, with neutral
Standby consumption: < 0.015 W
Accepted power by lamp type:
- LEDs and CFL lamps: 0 to 500 W LED
- Halogen and incandescent: 0 to 2000 W
- LEDs, CFLs, halogen, fluorescent tube with ferromagnetic or electronic transformer: 0 to 1000 VA
Possibility to install up to 10 sensors in parallel
Additionnal remote manual control possible with push-button, 10 max.
Master/Slave function available (10 slaves max. for 1 master)

Pack	Cat.Nos	
1	5 740 47A	○ White
1	5 740 97A	● Magnesium
1	5 741 41A	● Champagne
1	5 741 40A	● Soft Alu

Active power bleeder



Pack	Cat.Nos	
1	0 401 49	Makes 2-wire electronic lighting control units without neutral compatible with all commercially-available loads (LED, compact fluorescent, ELV halogen with ferromagnetic or electronic ballast, 230 V halogen, fluorescent tube, incandescent) Consumption 0.4 W

Arteor™

dimmers

5 727 13

5 735 01

5 722 39A

Support frame and plate selection charts **p. 594-603**
Load selection charts **p. 564**

Mechanisms supplied with rocker plates, to be equipped with support frames (p. 585) and plates (p. 594-603)

Pack	Cat.Nos	
		Leading edge dimmers
		Without neutral, 2-wire 2 modules
		Rotary dimmer - 400 W
1	5 722 13	○ White
1	5 727 13	● Magnesium
1	5 700 53	● Champagne
1	5 710 53	● Soft Alu
		Rotary dimmer - 1000 W To be installed alone in a 3 module box (or 1-gang BS) with a 3-module support frame and a 2-module plate For lamps: - 60-1000 W (230 V) - 60-500 W (127 V) for incandescent and halogen lamps - 60-600 VA (230 V) - 60-300 VA (127 V) for halogen lamps with electronic transformer with leading edge behaviour - 60-1000 VA (230 V) - 60-500 VA (127 V) for halogen lamps with ferromagnetic transformers
1	5 735 01	○ White
1	5 737 01	● Magnesium
		Dimmers for all dimmable loads
		Can be associated with one or several push-buttons without neon, for ON/OFF or dimming control Memory level function: lights come on again at the same lighting level as before they were last switched OFF Depth 35 mm Standby consumption < 5 mW 2 modules
		Push-button dimmer without neutral, 2 wires For ON/OFF and dimming control of all types of lamps: - Dimmable LEDs and CFL lamps: 3 to 125 W LED (10 lamps max.) - Halogen and incandescent 230 V~ : 3 to 125 W - LEDs CFLs, halogen lamps, fluorescent tubes with ferromagnetic or electronic transformer: 3 to 125 VA
1	5 722 39A	○ White
1	5 727 39A	● Magnesium
1	5 729 37A	● Champagne
1	5 729 36A	● Soft Alu
		Push-button dimmer with neutral, 3 wires For ON/OFF and dimming control of all types of lamps: - Dimmable LEDs and CFL lamps: 0 to 150 W LED (15 lamps max.) - Halogen and incandescent 230 V~ : 0 to 150 W - LEDs, CFLs, halogen lamps, fluorescent tubes with ferromagnetic or electronic transformer: 0 to 150 VA
1	5 741 89A	○ White
1	5 741 90A	● Magnesium
1	5 741 91A	● Champagne
1	5 741 88A	● Soft Alu
		Dimmers 1-10 V
		Push-button dimmer for ballasts 1-10 V 2 modules
1	5 722 38	○ White
1	5 727 38	● Magnesium
1	5 729 39	● Champagne
1	5 729 38	● Soft Alu

NEW DIMMERS & MOTION SENSORS

LED there be light

Fully LED compatible, this new generation of Arteor dimmers and motion sensors is not only designed to work with any type of LED. They are suitable for all modern loads.

Dimmers for all dimmable loads

- Available with or without neutral
- Suitable for all kinds of dimmable LEDs and modern loads

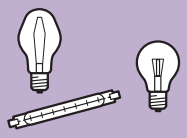
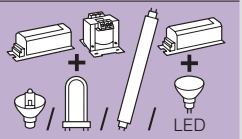
Motion sensors

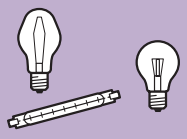
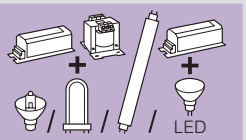
- Available with or without neutral
- Compatible with all types of LEDs
- Reduced depth 25 mm for easy installation

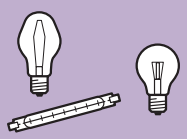
Red catalogue numbers: New products

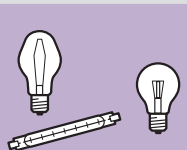
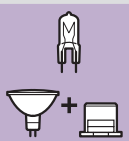
Arteor™ load selection charts

Load selection charts

	Cat.Nos	Type of cabling	Universal					
			LEDs and CFLs		 Halogen/Incandescent lamps		 LEDs, CFLs, halogen, fluorescent tube with ferromagnetic or electronic transformer	
			110 V~	240 V~	110 V~	240 V~	110 V~	240 V~
Contactless switch for lighting	5 743 34	With Neutral	100 VA	200 VA	100 W	200 W	100 VA	200 VA
		Without Neutral	5 - 100 VA	5 - 200 VA	5 - 100 W	5 - 200 W	5 - 100 VA	5 - 200 VA
	5 743 37	With Neutral	100 VA	200 VA	100 W	200 W	100 VA	200 VA
		Without Neutral	5 - 100 VA	5 - 200 VA	5 - 100 W	5 - 200 W	5 - 100 VA	5 - 200 VA
	5 743 36	With Neutral	100 VA	200 VA	100 W	200 W	100 VA	200 VA
		Without Neutral	5 - 100 VA	5 - 200 VA	5 - 100 W	5 - 200 W	5 - 100 VA	5 - 200 VA
	5 743 35	With Neutral	100 VA	200 VA	100 W	200 W	100 VA	200 VA
		Without Neutral	5 - 100 VA	5 - 200 VA	5 - 100 W	5 - 200 W	5 - 100 VA	5 - 200 VA

		Cat.Nos	LEDs and CFLs		 Halogen/Incandescent lamps		 LEDs, CFLs, halogen, fluorescent tube with ferromagnetic or electronic transformer	
			110 V~	230 V~	110 V~	230 V~	110 V~	230 V~
Motion sensors	Without Neutral	5 740 09A	2 - 50 VA	2 - 100 VA	2 - 50 W	2 - 150 W	2 - 75 VA	2 - 150 VA
		5 740 59A						
	With Neutral	5 740 47A	0 - 250 VA	0 - 500 VA	0 - 1000 W	0 - 2000 W	0 - 500 VA	0 - 1000 VA
		5 740 97A						
		5 741 41A						
		5 741 40A						

		Cat.Nos	Dimmable LEDs and CFLs		 Halogen/Incandescent lamps		Halogen and fluorescent tube with ferromagnetic transformer		LEDs, CFLs, halogen, and fluorescent tube with electronic transformer	
			110 V~	230 V~	110 V~	230 V~	110 V~	230 V~	110 V~	230 V~
Dimmers for all dimmable loads	Without Neutral	5 722 39A	3 - 75 VA	3 - 125 VA	3 - 75 W	3 - 125 W	3 - 75 VA	3 - 125 VA	3 - 75 VA	3 - 125 VA
		5 727 39A								
		5 729 37A								
		5 729 36A								
	With Neutral	5 741 89A	0 - 75 VA	0 - 150 VA	0 - 75 W	0 - 150 W	0 - 75 VA	0 - 150 VA	0 - 75 VA	0 - 150 VA
		5 741 90A								
		5 741 91A								
		5 741 88A								

		Cat.Nos	 Halogen/Incandescent lamps		Halogen with ferromagnetic transformer		 Halogen with electronic transformer	
			110 V~	240 V~	110 V~	240 V~	110 V~	240 V~
Rotary dimmers	Without Neutral	5 722 13	20 - 200 W	40 - 400 W	20 - 200 VA	40 - 400 VA	-	-
		5 727 13						
		5 700 53						
		5 710 53						
		5 735 01	60 - 500 W	60 - 1000 W	60 - 500 VA	60 - 1000 VA	60 - 300 VA	60 - 600 VA
		5 737 01						
Dimmers 1 - 10 V	With Neutral	5 722 38	-	-	-	-	20 - 300 VA	20 - 600 VA
		5 727 38						
		5 729 39						
		5 729 38						

Arteor™

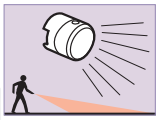
visual indication

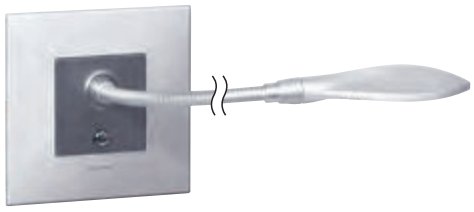
5 722 21

5 727 26

5 724 52

5 722 67




5 727 57 + plate 5 713 02

Support frame and plate selection charts **p. 594-603**

Mechanisms supplied with square rocker plates, to be equipped with support frames (p. 585) and plates (p. 594 to 603)

Pack	Cat.Nos	Skirting lights
		For installation close to obstacles 2 modules
		Standard
		With LED 230 V~ - 0.2 or 1 W
1	5 722 21	○ White
1	5 740 82	● Magnesium
1	5 740 83	● Champagne
1	5 740 80	● Soft Alu
		With motion detector 100-240 V~
		With IR detection cell and LED When a person passes, the mechanism detects the presence and lights the obstacle The function is equipped with an audible signal that can be disengaged
1	5 722 26	○ White
1	5 727 26	● Magnesium
1	5 729 45	● Champagne
1	5 729 44	● Soft Alu
		Self-contained plug-in lights
		230 V~ power supply In the event of a mains failure, the lamp lights up automatically When removed from its socket, the lamp lights up automatically and can be used as a torch (with O/I button) Lamp can be removed simply by pushing Standby power: 24 hrs in use
1	5 722 67	○ Transparent

Pack	Cat.Nos	Illuminated lighting unit
		230 V~ - 1 W Supplied with 4 coloured labels 1 module
10	5 724 52	○ White

Pack	Cat.Nos	Overdoor lighting units
		Supplied with diffusers and LED 2 modules
10	5 724 53	○ White with red diffuser
10	5 722 23	○ White with white diffuser

Pack	Cat.Nos	Lamps
		For locator switch
10	5 724 56	LED 230 V - blue
		For indicator switch
10	5 724 55	LED 230 V - red
10	5 724 57	LED 24 V - red
10	5 724 54	LED 12 V - red

Pack	Cat.Nos	Reading lights
		Fitted with maintenance-free LEDs LED colours: 3000 K (neutral white) 230 V~ power supply - energy class A Screw terminals For installation in the bedhead Offers directional lighting Equipped with a flexible cable so the head can swivel Built-in dimmer Consumption 3.3 W Luminous flux 110 lumen (equivalent to 15 W incandescent) Service life 40000 hours For installation in box depth 40 mm min. 2 modules
		Square version
1	5 722 57	○ White
1	5 727 57	● Magnesium

Red catalogue numbers: New products

5 722 03

5 727 03

5 722 18

5 710 52

5 722 19

5 727 20

Support frame and plate selection charts **p. 594-603**

Mechanisms supplied with square rocker plates, to be equipped with support frames (p. 585) and plates (p. 594 to 603)

Thermostats

Pack	Cat.Nos
1	5 722 03
1	5 727 03
1	5 727 06
1	5 727 05
1	5 722 63
1	5 727 63
1	5 727 08
1	5 727 07

Electronic room thermostat
Control knob with index and adjustable segments for min. and max. settings
Adjustable range from 5 °C to 30 °C (+/- 0.5 °C)
Power supply: 230 V~ - 50/60 Hz
One potential free changeover contact output
Suitable for controlling heated ceilings and underfloor heating
- LV use breaking capacity:
8 A - 250 V~ - resistive inductive circuit
2 A - 250 V~ - inductive circuit
- ELV use breaking capacity:
12 to 48 V~ - 12 to 24 V⎓, from 1 mA min. to 500 mA max.
2 modules

○ White
● Magnesium
● Champagne
● Soft Alu

Thermostat for electric floor heating
With one potential free N/O contact and LED
16 A - 230 V~
Adjustable range from 7 °C to 40 °C
2 modules

○ White
● Magnesium
● Champagne
● Soft Alu

Fan controllers

Pack	Cat.Nos
1	5 722 17
1	5 727 17
1	5 727 87
1	5 727 86
1	5 722 18
1	5 727 18
1	5 727 97
1	5 727 96
5	5 722 15
5	5 727 15
5	5 727 99
5	5 727 98

2 modules

AC speed control - 4 positions

○ White
● Magnesium
● Champagne
● Soft Alu

Rotary speed controller for fan
Operates 40 to 400 VA limit switch
For progressive speed control of ceiling fan

○ White
● Magnesium
● Champagne
● Soft Alu

Fan step regulator - 100 W

○ White
● Magnesium
● Champagne
● Soft Alu

Curtain switches

Pack	Cat.Nos
5	5 722 02
5	5 727 02
5	5 700 52
5	5 710 52
5	5 722 01
5	5 727 01
5	5 727 55
5	5 727 54

1 module

Curtain switch centre off

○ White
● Magnesium
● Champagne
● Soft Alu

Curtain switch centre retract
Push-button action

○ White
● Magnesium
● Champagne
● Soft Alu

Electric roller blind controllers - 250 V~

Pack	Cat.Nos
10	5 722 19
10	5 727 19
10	5 729 43
10	5 729 42
10	5 722 20
10	5 727 20
10	5 700 54
10	5 710 54

For control via automatic box (N/O mechanism)
Double push-button - 10 A
2 modules

○ White
● Magnesium
● Champagne
● Soft Alu

For direct control of a motor (mechanism with fixed positions)
Double push-button - 10 A
2 modules

○ White
● Magnesium
● Champagne
● Soft Alu

Smarther with Netatmo connected thermostat **p. 867**

Arteor™

RCBO and MCB

5 723 60

5 723 61

Support frame and plate selection charts **p. 594-603**

Mechanisms supplied with square rocker plates, to be equipped with support frames (p. 585) and plates (p. 594 to 603)

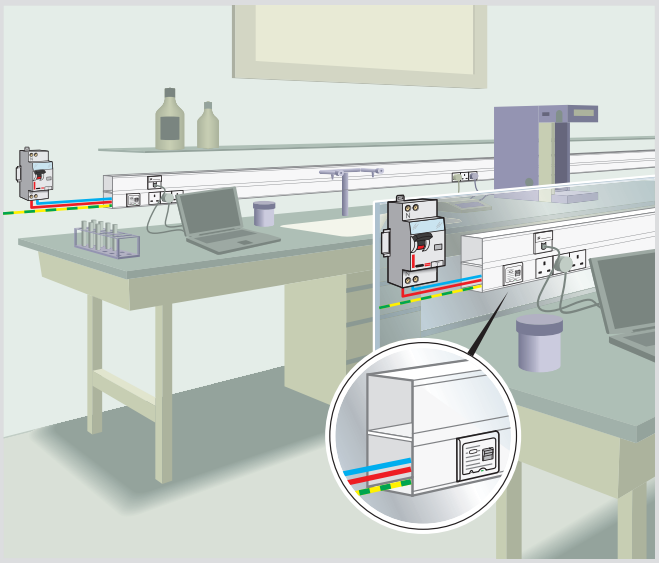
Pack	Cat.Nos	RCBO - 16 A - 230 V~
1	5 723 60	Single pole + Neutral - 30 mA - 2 modules The RCBO is used to protect people (premises with a conductive floor, presence of water, etc...) against direct contact with live parts or leakages to earth With test button ○ White
1	5 723 61	**Thermal magnetic proximity MCB** Single pole + Neutral - 230 V~ - 16 A Used for local protection of part in a circuit (e.g. 2P+E socket) against overloads and short-circuits Main protection being close to the user plus discriminating allows immediate reset Can also be used as a local consumption limiter (depending on its rating) Breaking capacity: 3000 A - 2 modules ○ White

Arteor™

proximity MCBs

Example of use of an RCBO

For use in addition to a DIN rail mounting RCBO
In the event of a fault, allows the user to reset the RCBO locally (on the work surface), without interrupting service to another group of sockets
• 30 mA sensitivity ensures the safety of persons



Selectivity

Downstream MCBs \ RCBOs or upstream MCBs		DX³ 6000 - 10 kA DX³ 10000 - 16 kA / 1P, 2P, 3P, 4P curve C						
		16 A	20 A	25 A	32 A	40 A	50 A	63 A
Arteor 1P+N MCB and RCBO	10 A	120	150	187	240	300	375	472
	16 A	-	150	187	240	300	375	472

Downstream MCBs \ RCBOs or upstream MCBs		DX³ 10000 - 16 kA (80 to 125 A) DX³ 25 kA, 36 kA, 50 kA curve C									
		16 A	20 A	25 A	32 A	40 A	50 A	63 A	80 A	100 A	125 A
Arteor 1P+N MCB and RCBO	10 A	120	150	210	500	700	1000	1800	3000	5000	T
	16 A		150	187	300	500	700	1300	2000	3600	5500

5 716 80

5 716 85

5 716 90

5 716 93

5 716 99

5 754 81

Support frame and plate selection charts **p. 594-603**

Mechanisms supplied with rocker plates, to be equipped with support frames (p. 585) and plates (p. 594 to 603)
Conform to IEC 62684
Connection with 2x2.5 mm² screw terminals

Pack	Cat.Nos	USB Type-A chargers
		Consumption in passive mode < 0.1 W For charging of smartphones, tablets and powerbanks
		Single USB sockets - 1 x Type-A - 5 V⎓ - 3 A - 15 W 1 module - compact format for space gain
10	5 716 80	○ White
10	5 716 81	● Magnesium
10	5 716 82	● Champagne
10	5 716 83	● Soft Alu
		Double USB sockets - 2 x Type-A - 5 V⎓ - 3 A - 15 W For charging up to two portable devices 1 module - compact format for space gain
10	5 716 84	○ White
10	5 716 85	● Magnesium
10	5 716 86	● Champagne
10	5 716 87	● Soft Alu
		Double USB sockets - 2 x Type-A - 5 V⎓ - 3 A - 15 W 2 modules
5	5 720 78	○ White
1	5 725 78	● Magnesium
1	5 710 76	● Champagne
1	5 700 76	● Soft Alu

		USB Type-A + USB Type-C chargers
		For charging of up to two portable devices (smartphones, tablets, powerbanks)
		Double USB sockets - Type-A + Type-C - 5 V⎓ - 3 A - 15 W Consumption in passive mode < 0.1 W 1 module - compact format for space gain
10	5 716 88	○ White
10	5 716 89	● Magnesium
10	5 716 90	● Champagne
10	5 716 91	● Soft Alu
		Double USB sockets - Type-A + Type-C - 5 V⎓ - 3 A - 15 W Consumption in passive mode < 0.07 W 2 modules
1	5 720 77	○ White
1	5 725 77	● Magnesium
1	5 710 77	● Champagne
1	5 700 77	● Soft Alu

		USB Type-C chargers
		For charging of up to two portable devices (smartphones, tablets, powerbanks)
		Double USB sockets - 2 x Type-C - 5 V⎓ - 3 A - 15 W Consumption in passive mode < 0.1 W 1 module - compact format for space gain
10	5 716 92	○ White
10	5 716 93	● Magnesium
10	5 716 94	● Champagne
10	5 716 95	● Soft Alu

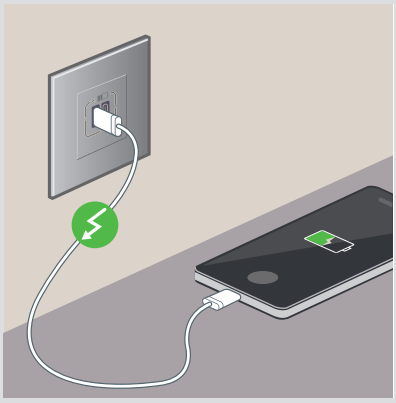
Pack	Cat.Nos	USB Type-C chargers (continued)
		For charging of up to two portable devices (smartphones, tablets, powerbanks)
		Double USB sockets - 2 x Type-C - 5 V⎓ - 3 A - 15 W Consumption in passive mode < 0.07 W 2 modules
1	5 720 72	○ White
1	5 725 72	● Magnesium
1	5 710 78	● Champagne
1	5 700 78	● Soft Alu

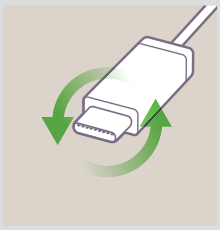
		USB Type-C chargers - Fast charge
		Fast charge feature: Power Delivery
		Single USB sockets - 1 x Type-C 20 W For fast charging of smartphones, tablets, powerbanks Consumption in passive mode < 0.05 W 1 module - compact format for space gain
10	5 716 96	○ White
10	5 716 97	● Magnesium
10	5 716 98	● Champagne
10	5 716 99	● Soft Alu
		Double USB sockets - 2 x Type-C 30 W For charging of laptops, smartphones, tablets, powerbanks Consumption in passive mode < 0.1 W
	SEPT 2023	2 modules
1	5 734 81	○ White
1	5 734 82	● Magnesium
1	5 734 83	● Champagne
1	5 734 84	● Soft Alu
		Single USB sockets - 1 x Type-C 45 W For charging of laptops, smartphones, tablets, powerbanks Consumption in passive mode < 0.1 W 2 modules
1	5 754 81	○ White
1	5 754 82	● Magnesium
1	5 754 83	● Champagne
1	5 754 84	● Soft Alu
		Double USB sockets - 2 x Type-C 63 W For charging of laptops, smartphones, tablets, powerbanks Consumption in passive mode < 0.1 W Automatic terminals
	SEPT 2023	3 modules
1	5 754 90	○ White
1	5 754 91	● Magnesium
1	5 754 92	● Champagne
1	5 754 93	● Soft Alu

Red catalogue numbers: New products

What is USB Type-C ?

The USB Type-C connector is the new standard adopted by mobile terminals for charging and data
It is compatible with all major brands of portable devices (Apple, Samsung, LG, Huawei, Google, Sony, etc.)



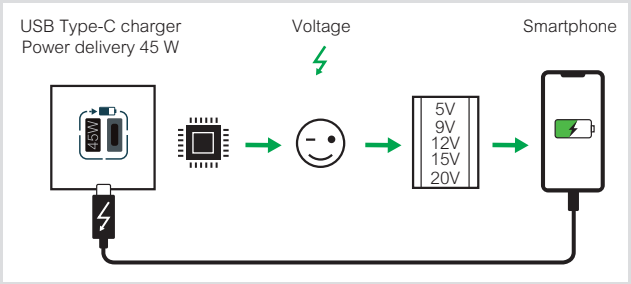


Why USB Type-C ?

- To charge faster than with the USB Type-A connector
- To reduce charging time in Power Delivery mode (booster)
- To make life easier for users with a single reversible cord
- To accompany the change of all multimedia terminals (laptops, tablets, phones)

How to charge all your terminals faster ?

When using a USB Type-C Power Delivery wall charger, the terminal (e.g. smartphone) queries the charger and selects the most suitable voltage for its battery in order to optimize charging time while ensuring the safety of both user and battery



For charging while travelling

Provides extra energy in passage/transit areas

Waiting area (train station, airport, bar, restaurant…)

With a Power Delivery charger

- 50% charge reached in less than 30 minutes
- 80% charge reached in 1 hour
- 50% time saving compared to a 5 W charger

Recommendations:

- Faster charging in OFF mode
- Faster charging in ON mode: decrease brightness <50%

Wall-mounted USB chargers help to reduce e-waste

Remember that 50 million tons of electronic waste are produced each year in Europe, whereas the aim is carbon neutrality

Wall-mounted USB chargers can be shared and are never forgotten (examples: hotels, holidays, office)

New smartphones (Apple, Samsung) are now delivered without mobile charger and are USB Type-C Power Delivery compatible

USB Type-C standardization drastically limits the diversity of cords required between multimedia terminals for the exchange of data and for charging

For charging in working places

Facilitates access to charge points
Saves the user having to carry his mobile charger along
Allows having more connection points available

Office or meeting rooms

Arteor™

lighting control, emergency push-buttons

5 720 55

5 723 63

Support frame and plate selection charts **p. 594-603**

Mechanisms supplied with rocker plates, to be equipped with support frames (p. 585) and plates (p. 594 to 603)

Pack	Cat.Nos	
		Time delay switches
		Interference suppression conforming to standard EN 55022 For timer control of a circuit with the following loads: - 1000 W incandescent and halogen 230 V~ - 2300 W resistive (heating) - 400 VA fluorescent and ELV halogen Adjustable from 25 s to 15 min It is possible to install a number of timer switches in parallel on the same circuit With integrated LED 2-wire installation in box min. depth 40 mm 2 modules
1	5 720 55	○ White
1	5 740 84	● Magnesium
1	5 741 38	● Champagne
1	5 741 37	● Soft Alu
		Single pole latching relays 10 A - 250 V~
		Used to bring functions with low breaking capacity close to the application - Resistive: 3000 W - Incandescent: 1800 W - LV halogen: 1800 W - Fluorescent: 400 VA - Motors (roller blind type): 530 W 2 modules
1	5 722 27	○ White
1	5 727 27	● Magnesium
1	5 729 47	● Champagne
1	5 729 46	● Soft Alu
		Emergency stop mushroom head push-buttons 10 A - 250 V~
		N/O + N/C 2 modules **With key** Unlock with RONIS key no. 601
1	5 723 63	◐ Yellow/red
		1/4 turn 1/4 turn unlocking
1	5 723 62	◐ Yellow/red

Arteor™

double pole switches, cooker control unit

5 720 87

5 720 88

Support frame and plate selection charts **p. 594-603**

Mechanisms supplied with rocker plates, to be equipped with plate (p. 594-601)
Support frame not needed

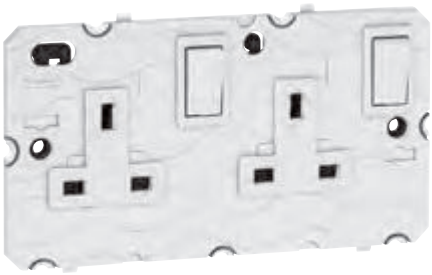
Pack	Cat.Nos	
		Double pole switches 40 A - 250 V~
		Conform to EN 60669-1: 2000 and SANS 164-1 Captive terminal screws For flush-mounting box to be min. 48 mm deep Use US plate 4" x 4" - 2 modules **Double pole switch**
5	5 720 81	○ White
5	5 725 81	● Magnesium
5	5 721 95	● Champagne
5	5 721 94	● Soft Alu
		Double pole switch + neon
5	5 720 82	○ White
5	5 725 82	● Magnesium
5	5 721 97	● Champagne
5	5 721 96	● Soft Alu
		Double pole switches 45 A - 250 V~
		Conform to EN 60669-1: 2000 Captive terminal screws For flush-mounting box to be min. 48 mm deep **Double pole switch + neon - 2-gang** Use BS plate 3 modules
5	5 720 80	○ White
5	5 725 80	● Magnesium
5	5 724 92	● Champagne
5	5 724 85	● Soft Alu
		Double pole switch + neon - 1-gang Use BS plate 2 modules
5	5 720 87	○ White
5	5 725 87	● Magnesium
5	5 721 99	● Champagne
5	5 721 98	● Soft Alu
		Cooker control unit 250 V~
		Conform to BS 4177: 1992 45 A double pole switch + 13 A double pole switched socket outlet Use special plate Cat.No 5 751 50
5	5 720 88	○ White

Arteor™

British standard socket outlets

5 721 43

5 710 48


5 721 49

5 726 50

Plate selection charts **p. 594-603**

Mechanisms supplied with rocker plates, to be equipped with special plates (p. 596-597)
Support frame not needed

Single pole socket outlets 13 A - 250 V~

Shuttered for child safety
ASTA licence
Conform to BS 1363 Part 2
Use special plates

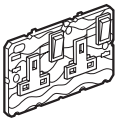
2P+E switched - 1-gang

Pack	Cat.Nos	
10	5 721 43	White
10	5 726 43	Magnesium
10	5 700 48	Champagne
10	5 710 48	Soft Alu

2P+E switched + neon - 1-gang

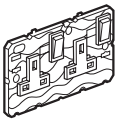
Pack	Cat.Nos	
10	5 721 44	White
10	5 726 44	Magnesium
10	5 724 45	Champagne
10	5 724 44	Soft Alu

2P+E switched - 2-gang



Pack	Cat.Nos	
5	5 721 45	White
5	5 726 45	Magnesium
5	5 700 49	Champagne
5	5 710 49	Soft Alu

2P+E switched + neon - 2-gang



Pack	Cat.Nos	
5	5 721 46	White
5	5 726 46	Magnesium
5	5 724 47	Champagne
5	5 724 46	Soft Alu

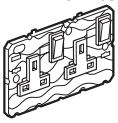
Double pole socket outlets 13 A - 250 V~

Shuttered for child safety
ASTA licence
Conform to BS 1363 Part 2
Use special plates

2P+E switched - 1-gang

Pack	Cat.Nos	
5	5 721 47	White
5	5 726 47	Magnesium
5	5 724 49	Champagne
5	5 724 48	Soft Alu

2P+E switched - 2-gang



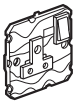
Pack	Cat.Nos	
5	5 721 49	White
5	5 726 49	Magnesium
5	5 710 70	Champagne
5	5 700 70	Soft Alu
5	5 721 41	Red for standard and clean earth applications

Non standard pin configuration

Double pole socket outlets 5 A - 250 V~

Shuttered for child safety
Conform to BS 546
Use special plates

2P+E switched - 1-gang

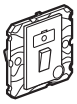


Pack	Cat.Nos	
10	5 721 40	White
10	5 726 40	Magnesium
10	5 727 58	Champagne
10	5 727 21	Soft Alu

Fused connection units

Double pole fused 13 A (fuse supplied)
Flex outlet knockout and cord grip
Captive fuse carrier (padlockable)
Captive terminal screws
Conform to BS 1363: part 4
Use special plates

Switched

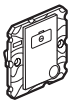


Pack	Cat.Nos	
5	5 721 50	White
5	5 726 50	Magnesium
5	5 726 75	Champagne
5	5 726 74	Soft Alu

Switched + neon

Pack	Cat.Nos	
5	5 721 51	White
5	5 726 51	Magnesium
5	5 726 77	Champagne
5	5 726 76	Soft Alu

Unswitched



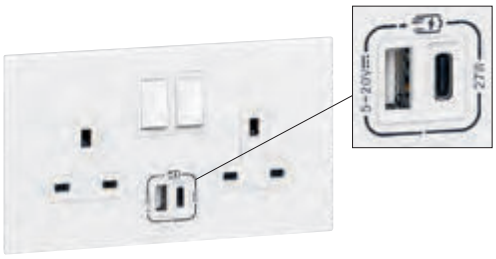
Pack	Cat.Nos	
10	5 721 57	White
10	5 726 57	Magnesium
10	5 726 79	Champagne
10	5 726 78	Soft Alu

British standard socket outlets with USB charger

5 721 56A + plate 5 751 11A

5 726 29A + plate 5 754 58

5 726 58A



5 722 86 + plate 5 754 37

Mechanisms supplied with rocker plates, to be equipped with special plates
Support frame not needed

Pack	Cat.Nos	British standard socket outlets 13 A - 250 V~ with USB charger
		Conform to BS 1363-2
		1-gang single pole switched USB Type-A 3 A - 5 V⎓ - 15 W
		Consumption in passive mode < 0.07 W
1	5 721 56A	○ White
1	5 726 56A	● Magnesium
1	5 710 80A	● Champagne
1	5 700 80A	● Soft Alu
		1-gang single pole switched USB Type-C 18 W
		Fast charge feature: USB Type-C Power Delivery
		Consumption in passive mode < 0.07 W
1	5 721 29A	○ White
1	5 726 29A	● Magnesium
1	5 722 29A	● Champagne
1	5 722 49A	● Soft Alu
		1-gang single pole unswitched USB Type-A 3 A - 5 V⎓ - 15 W
		Consumption in passive mode < 0.07 W
1	5 721 58A	○ White
1	5 726 58A	● Magnesium
1	5 710 82A	● Champagne
1	5 700 82A	● Soft Alu
		1-gang single pole unswitched USB Type-C 18 W
		Fast charge feature: USB Type-C Power Delivery
		Consumption in passive mode < 0.07 W
1	5 721 27A	○ White
1	5 726 27A	● Magnesium
1	5 722 28A	● Champagne
1	5 722 58A	● Soft Alu
		2-gang single pole switched USB Type-A + Type-C 3 A - 5 V⎓ - 15 W
		Consumption in passive mode < 0.07 W
1	5 721 42	○ White
1	5 726 42	● Magnesium
1	5 710 81	● Champagne
1	5 700 81	● Soft Alu
		2-gang single pole switched USB Type-A + Type-C 27 W
		Fast charge feature: USB Type-C Power Delivery
		Consumption in passive mode < 0.07 W
1	5 722 86	○ White
1	5 728 07	● Magnesium
1	5 700 85	● Champagne
1	5 710 68	● Soft Alu

Pack	Cat.Nos	Plates for British standard socket outlets - 13 A - 250 V~ with USB charger
		For 1-gang single pole switched USB Type-A 3 A - 5 V⎓ - 15 W
5	5 751 11A	○ White
5	5 751 34A	● Soft Alu
5	5 751 33A	● Graphite
5	5 751 35A	● Magnesium
5	5 751 36A	● Champagne
5	5 751 37A	● Dark Bronze
1	5 751 12A	● Brushed Metal - Stainless Steel
		For 1-gang single pole switched USB Type-C 18 W
5	5 754 52	○ White
5	5 754 53	● Soft Alu
5	5 754 54	● Graphite
5	5 754 55	● Magnesium
5	5 754 56	● Champagne
5	5 754 57	● Dark Bronze
1	5 754 58	● Brushed Metal - Stainless Steel
		For 1-gang single pole unswitched USB Type-A 3 A - 5 V⎓ - 15 W
5	5 751 13A	○ White
5	5 751 89A	● Soft Alu
5	5 751 88A	● Graphite
5	5 751 93A	● Magnesium
5	5 751 94A	● Champagne
5	5 751 95A	● Dark Bronze
1	5 751 14A	● Brushed Metal - Stainless Steel
		For 1-gang single pole unswitched USB Type-C 18 W
5	5 754 59	○ White
5	5 754 61	● Soft Alu
5	5 754 62	● Graphite
5	5 754 63	● Magnesium
5	5 754 64	● Champagne
5	5 754 65	● Dark Bronze
1	5 754 66	● Brushed Metal - Stainless Steel
		For 2-gang single pole switched USB Type-A + Type-C 3 A - 5 V⎓ - 15 W
5	5 751 17	○ White
5	5 751 52	● Soft Alu
5	5 751 51	● Graphite
5	5 751 53	● Magnesium
5	5 751 54	● Champagne
5	5 751 55	● Dark Bronze
1	5 751 18	● Brushed Metal - Stainless Steel
		For 2-gang single pole switched USB Type-A + Type-C 27 W
5	5 754 37	○ White
5	5 754 39	● Soft Alu
5	5 754 40	● Graphite
5	5 754 41	● Magnesium
5	5 754 42	● Champagne
5	5 754 43	● Dark Bronze
1	5 754 38	● Brushed Metal - Stainless Steel

Red catalogue numbers: New products

Arteor™

multistandard socket outlets with USB charger

5 721 38A + plate 5 751 10A

5 721 39 + plate 5 751 70

5 726 62A + plate 5 754 71

5 710 94 + plate 5 754 46

Mechanisms supplied with rocker plates, to be equipped with special plates
Support frame not needed

Pack	Cat.Nos	Multistandard switched socket outlets 16 A - 250 V~ / 15 A - 127 V~ with USB charger
		Shuttered for child safety
		2P+E - 1-gang **USB Type-A 3 A - 5 V⎓ - 15 W** Consumption in passive mode < 0.07 W
1	5 721 38A	○ White
1	5 726 38A	● Magnesium
1	5 710 83A	● Champagne
1	5 700 83A	● Soft Alu
		2P+E - 1-gang **USB Type-C 18 W** Fast charge feature: USB Type-C Power Delivery Consumption in passive mode < 0.07 W
1	5 721 62A	○ White
1	5 726 62A	● Magnesium
1	5 722 62A	● Champagne
1	5 722 64A	● Soft Alu
		2 x 2P+E - 2-gang **USB Type-A + Type-C 3 A - 5 V⎓ - 15 W** Consumption in passive mode < 0.07 W
1	5 721 39	○ White
1	5 726 39	● Magnesium
1	5 710 84	● Champagne
1	5 700 84	● Soft Alu
		2 x 2P+E - 2-gang **USB Type-A + Type-C 27 W** Fast charge feature: USB Type-C Power Delivery Consumption in passive mode < 0.07 W
1	5 722 87	○ White
1	5 727 92	● Magnesium
1	5 700 86	● Champagne
1	5 710 94	● Soft Alu

Pack	Cat.Nos	Special plates for Arteor multistandard socket outlets with USB charger
		For 1-gang switched socket outlet **USB Type-A 3 A - 5 V⎓ - 15 W**
5	5 751 10A	○ Neutral - White
5	5 751 44A	● Soft Alu
5	5 751 43A	● Graphite
5	5 751 45A	● Magnesium
5	5 751 46A	● Champagne
5	5 751 47A	● Dark Bronze
1	5 751 16A	● Brushed Metal - Stainless Steel
		For 1-gang switched socket outlet **USB Type-C 18 W**
5	5 754 67	○ Neutral - White
5	5 754 68	● Soft Alu
5	5 754 69	● Graphite
5	5 754 71	● Magnesium
5	5 754 72	● Champagne
5	5 754 73	● Dark Bronze
1	5 754 74	● Brushed Metal - Stainless Steel
		For 2-gang switched socket outlet **USB Type-A + Type-C 3 A - 5 V⎓ - 15 W**
5	5 751 70	○ Neutral - White
5	5 751 72	● Soft Alu
5	5 751 71	● Graphite
5	5 751 73	● Magnesium
5	5 751 74	● Champagne
5	5 751 75	● Dark Bronze
1	5 751 76	● Brushed Metal - Stainless Steel
		For 2-gang switched socket outlet **USB Type-A + Type-C 27 W**
5	5 754 44	○ Neutral - White
5	5 754 46	● Soft Alu
5	5 754 45	● Graphite
5	5 754 47	● Magnesium
5	5 754 48	● Champagne
5	5 754 49	● Dark Bronze
1	5 754 51	● Brushed Metal - Stainless Steel

Red catalogue numbers: New products

Arteor™

international socket outlets

5 721 23

5 721 35

5 721 10

5 710 41

5 724 63

5 721 04

5 726 33

5 700 47

Support frame and plate selection charts **p. 594-603**

Mechanisms supplied with rocker plates, to be equipped with support frames (p. 585) and plates (p. 594-603)

Pack	Cat.Nos	Multistandard socket outlets
		2P+E unswitched - shuttered for child safety - 2 modules
10	5 721 23	○ White
10	5 726 23	● Magnesium
10	5 700 42	● Champagne
10	5 710 42	● Soft Alu
		2P+E switched - shuttered for child safety - 3 modules
5	5 721 35	○ White
5	5 726 35	● Magnesium
5	5 724 42	● Champagne
5	5 724 41	● Soft Alu
		British standard socket outlets
		Shuttered for child safety ASTA licence Conform to BS 1363 Part 2
		2P+E switched - 15 A Conform to BS 546 3 modules
5	5 721 32	○ White
5	5 726 32	● Magnesium
5	5 700 45	● Champagne
5	5 710 45	● Soft Alu
		2P+E - 13 A Conform to BS 1363 Part 2 ASTA licence 2 modules
10	5 721 11	○ White
10	5 726 11	● Magnesium
10	5 700 38	● Champagne
10	5 710 38	● Soft Alu
10	5 726 41	● Red
		2P+E switched - 13 A Conform to BS 1363 Part 2 ASTA licence 3 modules
5	5 721 30	○ White
5	5 726 30	● Magnesium
5	5 700 44	● Champagne
5	5 710 44	● Soft Alu
5	5 724 67	● Red dedicated non standard pin
		2P+E - 5 A Conform to BS 546 2 modules
10	5 721 10	○ White
10	5 726 10	● Magnesium
10	5 710 71	● Champagne
10	5 700 71	● Soft Alu

Pack	Cat.Nos	German standard socket outlets 16 A
		2 modules
		2P+E shuttered for child safety
10	5 721 18	○ White
10	5 726 18	● Magnesium
10	5 700 41	● Champagne
10	5 710 41	● Soft Alu
10	5 724 62	● Dedicated green
10	5 724 60	● Dedicated orange
		2P+E tamperproof, shuttered for child safety Used to identify a mains circuit (e.g. inverter) and avoid connection of unnecessary equipment which may cause interference on the circuit To be used with tamperproof insert Cat.No 0 502 99 (see p. 577)
10	5 724 63	● Red tamperproof
		2P+E with cover
10	5 721 19	○ White
10	5 726 19	● Magnesium
10	5 710 19	● Champagne
10	5 700 19	● Soft Alu
		Euro-US type socket outlets - 15 A - 127 V / 16 A - 250 V
		2P with shutters - 1 module
10	5 721 04	○ White
10	5 726 04	● Magnesium
10	5 700 37	● Champagne
10	5 710 37	● Soft Alu
		2P+E with shutters - 2 modules
10	5 721 16	○ White
10	5 726 16	● Magnesium
10	5 700 39	● Champagne
10	5 710 39	● Soft Alu
		2 x 2P+E with shutters - 3 modules
5	5 721 33	○ White
5	5 726 33	● Magnesium
5	5 700 46	● Champagne
5	5 710 46	● Soft Alu
		American type socket outlets 15 A - 127 V
		2P - 1 module
10	5 721 05	○ White
10	5 726 05	● Magnesium
10	5 710 72	● Champagne
10	5 700 72	● Soft Alu
		2P+E - 2 modules
10	5 721 17	○ White
10	5 726 17	● Magnesium
10	5 700 40	● Champagne
10	5 710 40	● Soft Alu
		2 x 2P+E - 3 modules
5	5 721 34	○ White
5	5 726 34	● Magnesium
5	5 700 47	● Champagne
5	5 710 47	● Soft Alu

Red catalogue numbers: New products

Arteor™

international socket outlets (continued)

5 725 66

5 721 32

5 720 70 + plate 5 753 00

5 721 00

Support frame and plate selection charts **p. 594-603**

Pack	Cat.Nos	South African type socket outlets - 16 A
		2P+E unswitched - 1 module Conform to SANS 164-2 Mechanisms supplied with rocker plates, to be equipped with support frames (p. 585) and plates (p. 594-603)
10	5 721 36	○ White
10	5 726 36	● Magnesium
10	5 726 48	● Champagne
10	5 721 48	● Soft Alu
		2 new RSA socket outlets (164-2) and 1 old RSA switched socket outlet (164-1) Prewired, monobloc, 4x4 Supplied with support frame and rocker plate, to be equipped with 2x3 modules plate
1	5 720 66	○ White
1	5 725 66	● Magnesium
1	5 710 92	● Champagne
1	5 700 90	● Soft Alu
		2P+E - shuttered for child safety - 2 modules Mechanisms supplied with rocker plates, to be equipped with support frames (p. 585) and plates (p. 594-603)
10	5 721 22	○ White
10	5 726 22	● Magnesium
10	5 724 26	● Champagne
10	5 724 25	● Soft Alu
10	5 724 61	● Red
		2P+E switched - shuttered for child safety - 3 modules Mechanisms supplied with rocker plates, to be equipped with support frames (p. 585) and plates (p. 594-603)
5	5 721 32	○ White
5	5 726 32	● Magnesium
5	5 724 28	● Champagne
5	5 724 27	● Soft Alu
5	5 724 65	● Red dedicated
		2 x 2P+E switched - pre-wired - 2-gang Supplied with support frame and rocker plate, to be equipped with 2x3 modules plate
1	5 720 22	○ White
1	5 725 22	● Magnesium
1	5 700 22	● Champagne
1	5 710 22	● Soft Alu

Pack	Cat.Nos	South African type socket outlets - 16 A with USB charger
		All switched new RSA socket outlet (164-2) and old RSA socket outlet (164-1) Prewired, monobloc, 4x4 Supplied with support frame and rocker plate, to be equipped with 2x3 modules plate USB Type-A + Type-C, 3 A - 5 V⎓ - 15 W Consumption of USB in passive mode < 0,08 W (when switched) The main switch controls the two RSA socket outlets and the double USB charger
1	5 720 70	○ White
1	5 725 70	● Magnesium
1	5 710 93	● Champagne
1	5 700 91	● Soft Alu

Pack	Cat.Nos	ELV socket outlets 3 A
		2P Mechanisms supplied with rocker plates, to be equipped with support frames (p. 585) and plates (p. 594-603) 12 mm fixing centres for plug Cat.No 0 500 05 1 module
10	5 721 00	○ White
10	5 726 00	● Magnesium
		Plug
20	0 500 05	2P - 3 A for ELV socket outlet 12 mm fixing centres pins Ø3.6 mm

5 721 01

5 718 20

5 721 12

5 736 70

5 734 71

Support frame and plate selection charts **p. 594-603**

Mechanisms supplied with rocker plates, to be equipped with support frames (p. 585) and plates (p. 594-603)

Pack	Cat.Nos	Italian type socket outlets
		1 module
		2P+E shuttered for child safety - 10/16 A
10	5 721 03	○ White
10	5 726 03	● Magnesium
10	5 700 36	● Champagne
10	5 710 36	● Soft Alu
		Swiss type socket outlets
		T 13, 10 A, 250 V, 2P+E
		Automatic terminals, 2 modules
10	5 718 20	○ White
10	5 718 70	● Magnesium
10	5 710 73	● Champagne
10	5 700 73	● Soft Alu
		T 13, 10 A, 250 V, 2P+E with shutters
		Automatic terminals, 2 modules
10	5 721 15	○ White
		2 x T 13, 10 A, 250 V, 2P+E
		2 modules
10	5 718 27	○ White
10	5 718 77	● Magnesium
10	5 710 74	● Champagne
10	5 700 74	● Soft Alu
		Australian type socket outlets
		2 modules
		2P+E auto-switched shuttered for child safety - 10 A
10	5 721 14	○ White
10	5 726 14	● Magnesium
10	5 726 15	● Champagne
10	5 726 02	● Soft Alu
		2P+E switched shuttered for child safety - 10 A
		3 modules
10	5 721 25	○ White
10	5 726 25	● Magnesium
		2P+E auto-switched with round earth - 10 A
		2 modules
10	5 721 26	○ White
10	5 726 26	● Magnesium
		2P+E shuttered for child safety - 10/15 A
		2 modules
10	5 721 12	○ White
10	5 726 12	● Magnesium
10	5 726 07	● Champagne
10	5 721 07	● Soft Alu
		2 x 2P+E auto-switched - 10 A
		With integrated frame
10	5 721 52	○ White
10	5 726 52	● Magnesium

Pack	Cat.Nos	Indian and Euro-US combined socket outlets
		6 A - 10 A - 240 V and 15 A - 127 V
		2P+E
		Shuttered for child safety
		2 modules
20	5 734 70	○ White
20	5 736 70	● Magnesium
20	5 748 33	● Champagne
		Indian standard socket outlets
		6 A / 16 A
		3 pin combined (2P + Earth)
		Shuttered for child safety
		2 modules
10	5 734 71	○ White
10	5 736 71	● Magnesium
10	5 748 34	● Champagne

Arteor™

international socket outlets (continued)

5 726 21

5 718 96

5 700 21

Support frame and plate selection charts **p. 594-603**

Mechanisms supplied with rocker plates, to be equipped with support frames (p. 585) and plates (p. 594-603)

Chinese type socket outlets

Pack	Cat.Nos	
		2P+E shuttered for child safety - 10 A 2 modules
10	5 721 13	○ White
10	5 726 13	● Magnesium
10	5 726 08	● Champagne
10	5 721 08	● Soft Alu
		2P+E shuttered for child safety - 16 A 2 modules
10	5 721 21	○ White
10	5 726 21	● Magnesium
10	5 723 67	● Champagne
10	5 723 66	● Soft Alu
		2P+E Chinese + 2P US - 10 A 3 modules
5	5 718 96	○ White
5	5 718 97	● Magnesium
5	5 718 98	● Champagne
5	5 718 99	● Soft Alu

Israeli type socket outlets

Pack	Cat.Nos	
		2P+E shuttered for child safety
10	5 721 24	○ White
10	5 726 24	● Magnesium
10	5 700 43	● Champagne
10	5 710 43	● Soft Alu

French standard socket outlets 10/16 A

Pack	Cat.Nos	
		2 modules **2P shuttered for child safety**
10	5 720 20	○ White
10	5 725 20	● Magnesium
10	5 710 86	● Champagne
10	5 710 85	● Soft Alu
		2P+E shuttered for child safety
10	5 720 21	○ White
10	5 725 21	● Magnesium
10	5 700 21	● Champagne
10	5 710 21	● Soft Alu
		2P+E tamperproof Used to identify a mains circuit (e.g. inverter) and avoid connection of unnecessary equipment which may cause interference on the circuit
10	5 724 66	● Red

Tamperproof insert for Cat.Nos 5 724 66 and 5 724 63

Pack	Cat.Nos	
10	0 502 99	Tamperproof insert for socket Fits directly into the plug

Red catalogue numbers: New products

Arteor™

telephone sockets

5 723 00

5 700 56

5 710 56

5 728 13

Support frame and plate selection charts **p. 594-603**

Mechanisms supplied with rocker plates, to be equipped with support frames (p. 585) and plates (p. 594-603)

Pack	Cat.Nos	
		RJ 11 and RJ 12 sockets
		Equipped with modular Jack connector with 1/4 turn terminal for fast connection (possible looping)
		RJ 11 - 1 module
		4 contacts
10	5 723 00	○ White
10	5 728 00	● Magnesium
10	5 700 56	● Champagne
10	5 710 56	● Soft Alu
		RJ 11 - 2 modules
		4 contacts
10	5 723 13	○ White
10	5 728 13	● Magnesium
10	5 726 83	● Champagne
10	5 726 82	● Soft Alu
		RJ 12 - 2 modules
		6 contacts
10	5 723 12	○ White
10	5 728 12	● Magnesium
10	5 726 85	● Champagne
10	5 726 84	● Soft Alu
		Telephone sockets
		With IDC connection
		Conform to British Telecom
		Single master - 2 modules
10	5 723 10	○ White
10	5 728 10	● Magnesium
10	5 726 87	● Champagne
10	5 726 86	● Soft Alu
		Single secondary - 1 module
5	5 723 01	○ White
5	5 728 01	● Magnesium
5	5 726 89	● Champagne
5	5 726 88	● Soft Alu

Arteor™

television sockets

5 721 72

5 721 69

5 721 71

5 721 63

Support frame and plate selection charts **p. 594-603**

Mechanisms supplied with rocker plates, to be equipped with support frames (p. 585) and plates (p. 594-603)

For Dvbt, Cablecast and satellite installation
UHD TV quality compatible
Classe A shielded star socket LTE ready (4G protected)
Recommended coaxial cable: 17 VATCA
Star cabling (1 socket = 1 cable to antenna, splitter or multiswitch)
Visual check of the connection
Meets EN 50083-4 and EN 50083-2 European directive

Pack	Cat.Nos	
		Multi TV star sockets
		TV-R-SAT sockets
		DAB+
		Low attenuation: 1.5 dB
		2 modules
10	5 721 72	○ White
10	5 726 72	● Magnesium
10	5 726 91	● Champagne
10	5 726 90	● Soft Alu
		TV-R-SAT-SAT sockets
		In1: TV-R-SAT1 / In2: SAT2
		Low attenuation: 1.5 dB
		2 modules
10	5 721 69	○ White
10	5 726 69	● Magnesium
10	5 726 93	● Champagne
10	5 726 92	● Soft Alu
		TV-SAT sockets
		1 module
10	5 721 67	○ White
10	5 726 67	● Magnesium
10	5 726 95	● Champagne
10	5 726 94	● Soft Alu
		Single TV star sockets - 1 module
		Low attenuation 1dB
		1 module
		TV 9.5 mm male sockets
10	5 721 71	○ White
10	5 726 71	● Magnesium
10	5 700 51	● Champagne
10	5 710 51	● Soft Alu
		TV "F" type sockets
10	5 721 63	○ White
10	5 726 63	● Magnesium
10	5 700 50	● Champagne
10	5 710 50	● Soft Alu

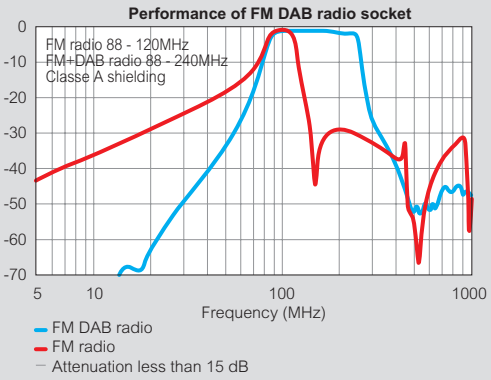
Information about DAB+

Digital Audio Broadcasting is the radio equivalent of DTT, a global standard used all over the world.
- More radio stations available
- Better sound quality
- Digital data combined with the audio stream
- This socket has a reception range of radio DAB+ 87.5 - 240 MHz
- A link to a collective or individual aerial
- Digital quality

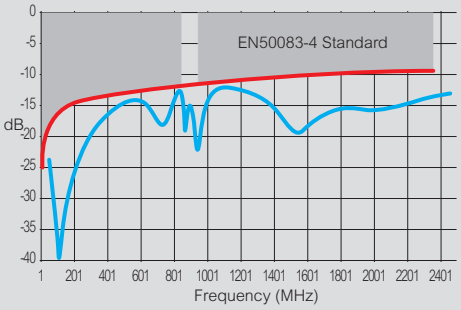
Roll-out in 2022

Source: WorldDAB
- Countries with regular services
- Countries with trials and/or regulation
- Countries with interest

High performance

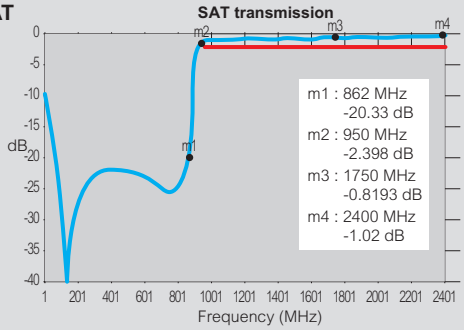


Return loss input

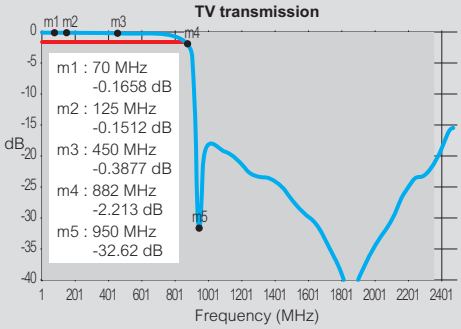


Coupling attenuation

IN→SAT



IN→TV



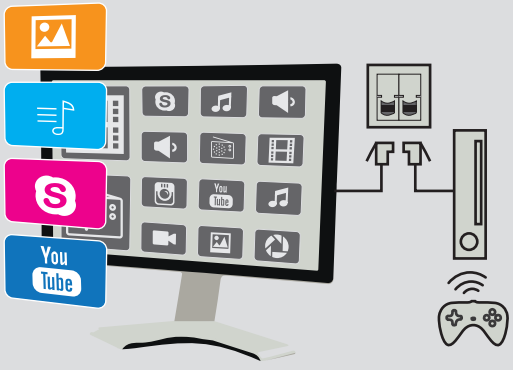
Certification

Class A sockets, protected with LTE block filter. LTE protection is needed to prevent interference from new signals used by smartphones (3G, 4G, 5G). These undesirable signals can cause picture freezing or breaking up, and distorted sound. Legrand uses the PKM laboratory for Class A certification of its sockets.

Requirements for TV corner

- Multi-gang wiring accessories
- TV attenuation < 1,5 dB
- 17 VATC coaxial cable
- Cat. 6 twisted pairs
- Multi-operator, terrestrial DTT, satellite, cable network and ISP, FM and DAB+ radio reception

- Internet connection



- Smart TV with interactive services
- Connected games console (for online gaming)

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RJ 45 sockets

5 723 06

5 723 50

5 728 02

5 700 57

5 710 57

5 723 24

5 728 16

PoE+ Third Party certified

Support frame and plate selection charts **p. 594-603**

Can be integrated in any support
Mechanisms supplied with rocker plates, to be equipped with support frames (p. 585) and plates (p. 594-603)
Equipped with connectors with quick toolless connection
Take single-core cables from AWG 22 up to AWG 26, and AWG 26 multicore cables
T568A and B marking with colour codes
Compliant with ISO/IEC 11 801, EN 50173 and ANSI/TIA 568 standards

Cat. 6A sockets

360° metal shielding

STP - 1 module

Pack	Cat.Nos	
10	5 723 06	○ White
10	5 728 06	● Magnesium
10	5 728 46	● Champagne
10	5 728 45	● Soft Alu
10	5 723 51	○ White with orange shutter
10	5 728 51	● Magnesium with orange shutter
10	5 728 48	● Champagne with orange shutter
10	5 728 47	● Soft Alu with orange shutter
10	5 723 52	○ White with green shutter
10	5 728 52	● Magnesium with green shutter
10	5 728 61	● Champagne with green shutter
10	5 728 60	● Soft Alu with green shutter

STP with controlled access - 2 modules

Supplied with 2 keys for 5 sockets

Pack	Cat.Nos	
5	5 723 50	○ White with red shutter
5	5 728 50	● Magnesium with red shutter
5	5 728 63	● Champagne with red shutter
5	5 728 62	● Soft Alu with red shutter

UTP - 1 module

Pack	Cat.Nos	
10	5 723 49	○ White
10	5 728 49	● Magnesium
10	5 728 65	● Champagne
10	5 728 64	● Soft Alu
10	5 723 58	○ White with orange shutter
10	5 728 58	● Magnesium with orange shutter
10	5 728 69	● Champagne with orange shutter
10	5 728 68	● Soft Alu with orange shutter
10	5 723 59	○ White with green shutter
10	5 728 59	● Magnesium with green shutter
10	5 728 67	● Champagne with green shutter
10	5 728 66	● Soft Alu with green shutter

UTP with controlled access - 2 modules

Supplied with 2 keys for 5 sockets

Pack	Cat.Nos	
5	5 723 57	○ White with red shutter
5	5 728 57	● Magnesium with red shutter
5	5 728 72	● Champagne with red shutter
5	5 728 71	● Soft Alu with red shutter

Cat. 6 sockets

UTP - 1 module

Pack	Cat.Nos	
10	5 723 02	○ White
10	5 728 02	● Magnesium
10	5 700 57	● Champagne
10	5 710 57	● Soft Alu
10	5 723 54	○ White with orange shutter
10	5 728 54	● Magnesium with orange shutter
10	5 728 74	● Champagne with orange shutter
10	5 728 73	● Soft Alu with orange shutter
10	5 723 55	○ White with green shutter
10	5 728 55	● Magnesium with green shutter
10	5 728 80	● Champagne with green shutter
10	5 728 79	● Soft Alu with green shutter

UTP - 2 modules

Pack	Cat.Nos	
10	5 723 14	○ White - square version
10	5 728 14	● Magnesium - square version
10	5 700 59	● Champagne - square version
10	5 710 59	● Soft Alu - square version
10	5 723 24	○ White - round version
10	5 728 24	● Magnesium - round version
10	5 728 81	● Soft Alu - round version

UTP with controlled access - 2 modules

Supplied with 2 keys for 5 sockets

Pack	Cat.Nos	
5	5 723 53	○ White with red shutter
5	5 728 53	● Magnesium with red shutter
5	5 728 87	● Champagne with red shutter
5	5 728 86	● Soft Alu with red shutter

UTP with retractable cord - 4 modules

Cord (0.9 m) winds up automatically with a pushbutton

Pack	Cat.Nos	
1	5 723 39	○ White
1	5 728 39	● Magnesium
1	5 728 89	● Champagne
1	5 728 88	● Soft Alu

FTP - 1 module

Pack	Cat.Nos	
10	5 723 22	○ White
10	5 728 22	● Magnesium
10	5 728 91	● Champagne
10	5 728 90	● Soft Alu

FTP - 2 modules

Pack	Cat.Nos	
10	5 723 16	○ White
10	5 728 16	● Magnesium
10	5 728 93	● Champagne
10	5 728 92	● Soft Alu

STP shielded - 1 module

Pack	Cat.Nos	
10	5 723 23	○ White
10	5 728 23	● Magnesium
10	5 728 95	● Champagne
10	5 728 94	● Soft Alu

STP shielded - 2 modules

Pack	Cat.Nos	
10	5 723 17	○ White
10	5 728 17	● Magnesium
10	5 728 97	● Champagne
10	5 728 96	● Soft Alu

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RJ 45 sockets (continued)

5 723 15

Support frame and plate selection charts **p. 594-603**

Can be integrated in any support
Mechanisms supplied with rocker plates, to be equipped with support frames (p. 585) and plates (p. 594-603)
Equipped with connectors with quick toolless connection
Take single-core cables from AWG 22 up to AWG 26, and AWG 26 multicore cables
T568A and B marking with colour codes
Compliant with ISO/IEC 11 801, EN 50173 and ANSI/TIA 568 standards

Pack	Cat.Nos	Cat. 5e sockets
		UTP - 1 module
10	5 723 03	○ White
10	5 728 03	● Magnesium
10	5 700 58	● Champagne
10	5 710 58	● Soft Alu
		UTP - 2 modules
10	5 723 15	○ White
10	5 728 15	● Magnesium
10	5 728 99	● Champagne
10	5 728 98	● Soft Alu
		FTP - 1 module
10	5 723 04	○ White
10	5 728 04	● Magnesium
10	5 729 08	● Champagne
10	5 729 07	● Soft Alu

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rear pluggable data sockets

5 723 31

5 728 32

5 723 36

5 728 35

Support frame and plate selection charts **p. 594-603**

Mechanisms supplied with rocker plates, to be equipped with support frames (p. 585) and plates (p. 594-603)

Pack	Cat.Nos	Rear pluggable RJ 45 sockets
		Certified as conforming to standards ISO 11801 ed. 2.0, EN 50173-1 and EIA/TIA 568 Contacts marked with 568 A and B dual colour code and numbers Connectors with self-stripping terminals Possibility of re-wiring in the event of error Multidirectionnal cable entry For use with area distribution boxes connection to boxes via RJ 45-RJ 45 dedicated cords Used to create cat. 6 and cat. 5e links in accordance with standards 2 modules
		Cat. 6 - UTP
10	5 723 31	○ White
10	5 728 31	● Magnesium
10	5 729 10	● Champagne
10	5 729 09	● Soft Alu
		Cat. 6 - FTP
10	5 723 33	○ White
10	5 728 33	● Magnesium
10	5 729 12	● Champagne
10	5 729 11	● Soft Alu
		Cat. 5e - UTP
10	5 723 30	○ White
10	5 728 30	● Magnesium
10	5 729 18	● Champagne
10	5 729 17	● Soft Alu
		Cat. 5e - FTP
10	5 723 32	○ White
10	5 728 32	● Magnesium
10	5 729 20	● Champagne
10	5 729 19	● Soft Alu

Arteor™

adaptors for data sockets

5 723 37

5 728 37

Support frame and plate selection charts **p. 594-603**

Mechanisms supplied with rocker plates, to be equipped with support frames (p. 585) and plates (p. 594-603)

Pack	Cat.Nos	Adaptors for Keystone data sockets
		Equipped with transparent label-holder **Single connector - 2 modules**
10	5 723 37	○ White
10	5 728 37	● Magnesium
10	5 729 32	● Champagne
10	5 729 31	● Soft Alu

Pack	Cat.Nos	Adaptors for Systimax data sockets
		Equipped with transparent label-holder **Single connector - 2 modules**
10	5 723 38	○ White
10	5 728 38	● Magnesium
10	5 729 34	● Champagne
10	5 729 33	● Soft Alu

Arteor™

USB data sockets

5 720 94

5 727 75

5 720 23

Support frame and plate selection charts **p. 594-603**

Mechanisms supplied with rocker plates, to be equipped with support frames (p. 585) and plates (p. 594-603)

Pack	Cat.Nos	USB data sockets for data transfer
		Used to bring connections closer to the user For connecting USB devices (interactive white board, scanner-printer, external hard disk) **Preterminated - USB 2.0 - 1 module** Maximum length: 5 m Recommended cable: USB A Equipped with a 15 cm cord
1	5 720 94	○ White
1	5 725 94	● Magnesium
1	5 725 76	● Champagne
1	5 725 75	● Soft Alu
		Connection via screw terminals - USB 2.0 1 module Maximum length: 5 m Recommended cable: USB A Cross-section 1 mm²
1	5 722 75	○ White
1	5 727 75	● Magnesium
1	5 725 53	● Champagne
1	5 725 52	● Soft Alu
		USB Data extender Used to bring connections closer to the user in case of large distances. For connecting USB devices (digital school board / interactive whiteboard...) located more than 5 m away (30 m max.) from a source (computer...) The kit includes - a transmitter (1 module) - a receiver (1 module) The link between the transmitter and the receiver is made via a RJ 45/RJ 45 cord
1	5 720 23	○ White

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audio and video sockets

5 720 96

0 517 38

5 720 90

5 720 97

Support frame and plate selection charts **p. 594-603**

Mechanisms supplied with rocker plates, to be equipped with support frames (p. 585) and plates (p. 594-603)

HDMI type A sockets

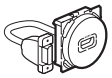
Used to transmit high-definition digital audio/video streams between a source (Blu-ray player, computer) and a compatible receiver (TV, videoprojector...)

Preterminated sockets HDMI 1.4 - 1 module
Equipped with cord, length 15 cm

Pack	Cat.Nos	
1	5 720 96	○ White
1	5 725 96	● Magnesium
1	5 725 18	● Champagne
1	5 725 17	● Soft Alu

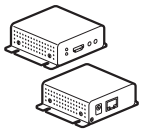
Preterminated sockets HDMI 1.4 - 2 modules
Equipped with cord, length 15 cm

Pack	Cat.Nos	
1	5 722 99	○ White - square version
1	5 725 99	● Magnesium - square version
1	5 723 46	● Champagne - square version
1	5 723 45	● Soft Alu - square version



Pack	Cat.Nos	
1	5 724 76	○ White - round version
1	5 735 96	● Magnesium - round version
1	5 725 19	● Soft Alu - round version

HDMI extender



Pack	Cat.Nos	
1	0 517 38	

Extends HDMI audio/video signals up to 57 m at up to a 4 K resolution between a source (computer, Blu-ray player) and a receiver (videoprojector, TV) in a meeting room or classroom
Kit includes both transmitter and receiver with link via a network cord RJ 45/RJ 45 (not supplied)
Compatible with 3D video, 4K resolution, EDID passthrough and HDCP
Including IR control
Certified HD BaseT

Display port sockets

Used to transmit high-definition digital audio/video streams between a source (laptop, computer, etc) and a compatible receiver (TV, videoprojector...)

Preterminated socket - 1 module
Equipped with cord, length 15 cm

Pack	Cat.Nos	
1	5 720 90	○ White
1	5 725 90	● Magnesium

HD15 sockets

Used to transmit analog video streams (VGA, XGA, UXGA depending on graphic card) between a source (computer) and a compatible receiver (LCD, video projector, TV, etc...)

Preterminated sockets - 1 module
Equipped with cord, length 15 cm

Pack	Cat.Nos	
1	5 720 97	○ White
1	5 725 97	● Magnesium

Screw-type female HD15 sockets - 2 modules

Pack	Cat.Nos	
1	5 722 82	○ White

Screw-type female HD15 + 3.5 mm Jack sockets - 2 modules

Pack	Cat.Nos	
1	5 722 88	○ White
1	5 727 88	● Magnesium

583

5 720 91 | 5 722 72 | 5 722 83 | 5 722 70 | 5 722 84 | 5 722 76

Support frame and plate selection charts **p. 594-603**

Mechanisms supplied with rocker plates, to be equipped with support frames (p. 585) and plates (p. 594-603)

Jack sockets 3.5 mm

3.5 mm Jack connectors can be used to create audio links

Preterminated sockets - 1 module
Equipped with cord, length 15 cm

Pack	Cat.Nos	
1	5 720 91	White
1	5 725 91	Magnesium
1	5 725 59	Champagne
1	5 725 55	Soft Alu

4 screw-type female 3.5 mm Jack socket - 1 module

1	5 722 74	White
1	5 727 74	Magnesium
1	5 724 91	Champagne
1	5 724 90	Soft Alu

Solder-type female 3.5 mm Jack socket - 1 module

1	5 722 78	White

Female 2 RCA sockets

Provide the stereo audio link for any peripheral device such as a DVD drive, camera, video recorder

Preterminated - 1 module
Equipped with a 15 cm cord

Pack	Cat.Nos	
1	5 720 92	White
1	5 725 92	Magnesium
1	5 724 79	Champagne
1	5 724 75	Soft Alu

Connection on screw terminals - 1 module

1	5 722 72	White
1	5 727 72	Magnesium
1	5 724 95	Champagne
1	5 724 94	Soft Alu

Female 3 RCA sockets

Provide the stereo audio link for any peripheral device such as a DVD drive, camera, video recorder

Connection on screw terminals - 2 modules

Pack	Cat.Nos	
1	5 722 73	White
1	5 727 73	Magnesium
1	5 724 97	Champagne
1	5 724 96	Soft Alu

3-pole XLR sockets

For the stereo connection of any peripheral, microphone, mixing console
Recommended cable:
1 audio pair 0.14 to 0.5 mm² shielded
Max. cable length: 50 m (beyond this an audio amplifier is recommended)
2 modules

XLR female

Pack	Cat.Nos	
1	5 722 83	White
1	5 727 83	Magnesium
1	5 724 99	Champagne
1	5 724 98	Soft Alu

XLR male

1	5 722 77	White

Loudspeaker sockets

4 mm² terminals

1 module

Pack	Cat.Nos	
10	5 722 70	White
10	5 727 70	Magnesium
10	5 726 97	Champagne
10	5 726 96	Soft Alu

2 modules

10	5 722 80	White
10	5 727 80	Magnesium
10	5 726 99	Champagne
10	5 726 98	Soft Alu

Attenuators

100 V - 25 W
Allow to adjust power to 25 W from a balanced 100 V loudspeaker line
2 modules

Pack	Cat.Nos	
1	5 722 84	White
1	5 727 84	Magnesium

Female BNC 75 sockets

Provide the composite video link for any peripheral device such as a DVD drive, camera, video recorder, etc
Connection on screw terminals - 1 module

1	5 722 76	White
1	5 727 76	Magnesium

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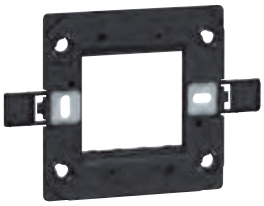
international support frames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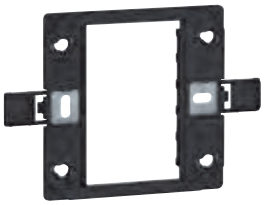
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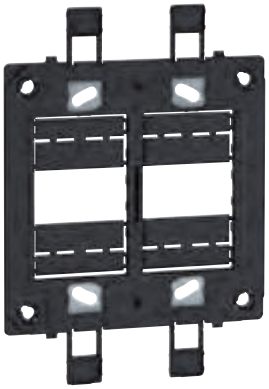
5 760 00

5 760 30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5 760 21

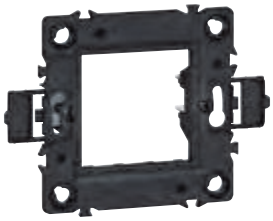
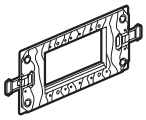
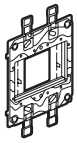
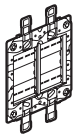
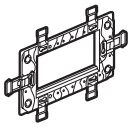
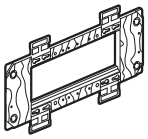
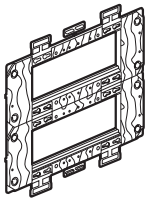
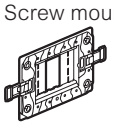

5 760 20

Plate selection charts **p. 594-603**

Pack	Cat.Nos	Support frames for BS type boxes 60.3 mm fixing centres
		Screw mounting (screws supplied)
		For 1-gang box
10	5 760 03	Square - for 1 or 2 modules
5	5 760 01	Square - for 3 modules
		For 2-gang box
10	5 760 02	Rectangular - for 3 modules 
10	5 760 00	Rectangular - for 2 x 2 modules
		Support frames for US and South African type boxes 83.5 mm fixing centres
		Screw mounting
		For 2" x 4" boxes
10	5 760 30	For 2 modules (electronic functions except 2-module mechanisms to be mounted on 3-module support frame)
10	5 760 40	For 1 to 3 modules
		For 4" x 4" boxes
5	5 760 31	For 2, 3 and 4 modules 
5	5 760 32	For 2 x 3 modules 

Pack	Cat.Nos	Support frames for German and French type boxes
		Screw mounting
10	5 760 21	For 1 or 2 modules
5	5 760 11	For 4 modules 
5	5 760 12	For 6 modules Horizontal mounting 
2	5 760 22	For 2 x 6 modules Horizontal mounting 
		Claw mounting
5	5 760 20	For 1 or 2 modules
		Support frame for Italian type boxes 83.5 mm fixing centres
		Screw mounting
10	5 760 40	For 1 to 3 modules 

Arteor™

ancillary mechanisms

5 728 41

5 700 60

5 731 86

5 723 21

Support frame and plate selection charts **p. 594-603**

Mechanisms supplied with rocker plates, to be equipped with support frames (p. 585) and plates (p. 594-603)

Pack	Cat.Nos	Blank modules
		1 module
10	5 723 41	○ White - square version
10	5 728 41	● Magnesium - square version
10	5 700 60	● Champagne - square version
10	5 710 60	● Soft Alu - square version
		2 modules
10	5 723 42	○ White - square version
10	5 728 42	● Magnesium - square version
10	5 700 61	● Champagne - square version
10	5 710 61	● Soft Alu - square version
10	5 730 86	○ White - round version
10	5 731 86	● Magnesium - round version
10	5 731 88	● Soft Alu - round version
		3 modules
5	5 723 43	○ White - square version
5	5 728 43	● Magnesium - square version
5	5 728 20	● Champagne - square version
5	5 728 19	● Soft Alu - square version
5	5 730 96	○ White - round version
5	5 731 96	● Magnesium - round version
5	5 731 89	● Soft Alu - round version

Pack	Cat.Nos	Cable outlets
		20 A cable outlet for junction - 2 modules
10	5 723 20	○ White
		45 A cable outlet - BS 1-gang
		Supplied with cover plate
		For flush-mounting back box to be min. 45 mm deep
5	5 723 21	○ White

Pack	Cat.Nos	Cord outlets
		1 module with Ø8 mm entry
10	5 723 07	○ White
		2 modules
10	5 723 19	○ White

Arteor™

blanking cover plates

5 716 08

5 754 10

Support frame and plate selection charts **p. 594-603**

To be equipped with support frames (p. 585) and plates (p. 594-603)

Pack	Cat.Nos	British standard blanking cover plates
		For 1-gang box
5	5 751 30	○ White
5	5 716 08	● Soft Alu
5	5 751 32	● Graphite
5	5 716 10	● Magnesium
5	5 716 12	● Champagne
5	5 716 14	● Dark Bronze
		For 2-gang box
5	5 751 40	○ White
5	5 716 09	● Soft Alu
5	5 751 42	● Graphite
5	5 716 11	● Magnesium
5	5 716 13	● Champagne
5	5 716 15	● Dark Bronze

Pack	Cat.Nos	Italian/US standard blanking cover plates
		For 2" x 4" boxes
10	5 754 10	○ White
10	5 714 10	● Soft Alu
10	5 754 12	● Graphite
10	5 714 52	● Magnesium
10	5 714 53	● Champagne
10	5 714 51	● Dark Bronze

Pack	Cat.Nos	US standard blanking cover plates
		For 4" x 4" boxes
5	5 753 60	○ White
5	5 714 00	● Soft Alu
5	5 753 62	● Graphite
5	5 753 64	● Champagne

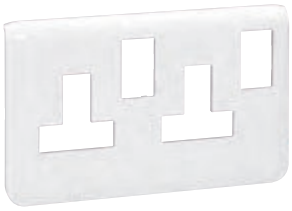
Arteor™

mounting supports, special plates and mounting boxes

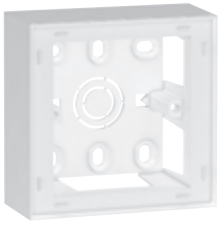
5 760 16

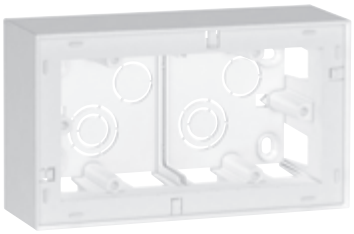
5 754 50

5 754 70


5 754 80

5 751 90


5 723 90


5 723 92

Support frame and plate selection charts **p. 594-603**

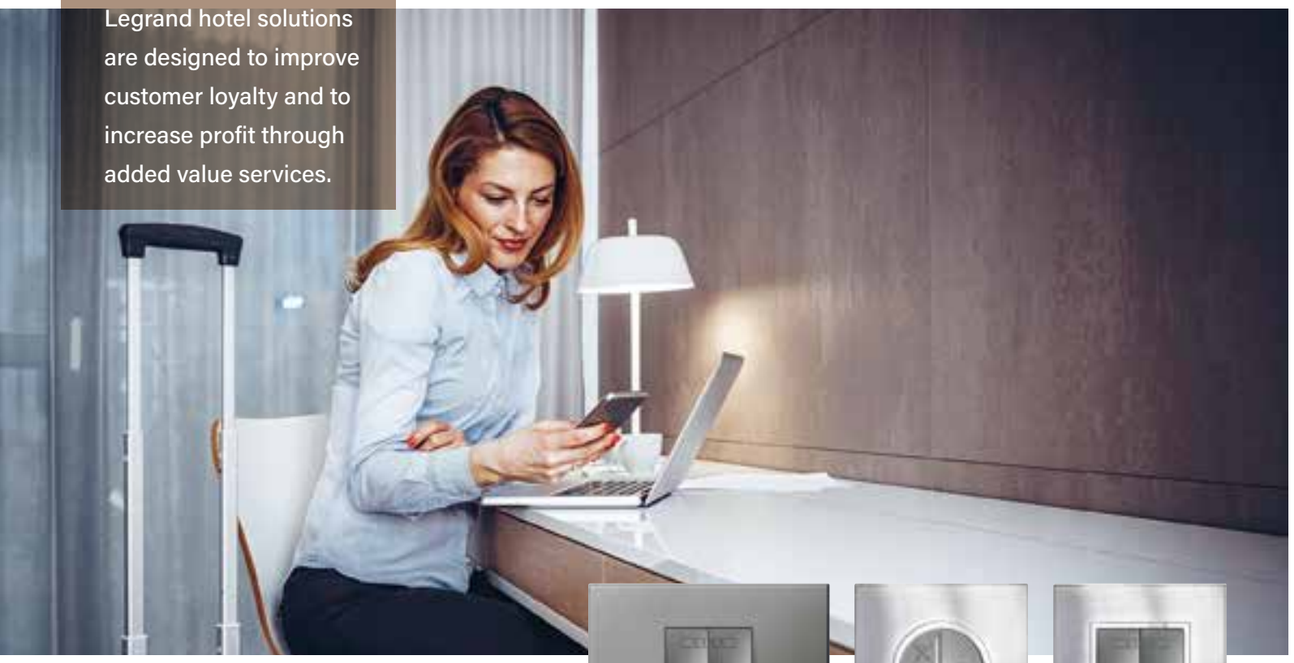
Pack	Cat.Nos	Panel mounting supports
10	5 760 15	For 1 to 3 mm thick panels For 1 module Clips into a 28 x 53.5 mm aperture
10	5 760 16	For 2 modules Clips into a 58 x 53.5 mm aperture
Modular support		
10	5 760 13	For mounting 2-module mechanisms on symetrical rail
Dedicated plates for trunking		
10	5 754 50	1-gang plate 2 modules (supplied with support frame)
5	5 754 60	2-gang plate 2 x 2 modules (supplied with support frame)
10	5 754 70	White plate for 1-gang 13 A switched socket
5	5 754 80	White plate for 2-gang 13 A switched socket
IP 44 plate		
5	5 751 90	For British and German standards For mounting in 1-gang box Support frame supplied

Pack	Cat.Nos	Flush-mounting boxes
1	6 890 36	For British standard 6 and 8-module plates and frames For 6 modules 211.4 x 75.7 x 50.8 mm
1	6 890 38	For 8 modules 231 x 75.7 x 50.8 mm
1	6 890 28	For 2 x 6 modules 212 x 143 x 42 mm
1	0 818 56	For 3 x 6 modules 212 x 212 x 42 mm
Surface-mounting boxes		
10	5 723 90	For British, German and French standard For 2 modules - 1-gang 38 mm depth
25	5 723 92	For 4 modules 2 x 2 modules - 2-gang 48 mm depth (suitable for shaver sockets)
2	5 723 96	For 2 x 6 modules 38 mm depth

ARTEOR™

Hotel equipment at its best

Legrand hotel solutions are designed to improve customer loyalty and to increase profit through added value services.



Call indicators

Bedside controls for lights and curtains, USB charging options

Key card switch

From stand-alone products to guest room management solutions: Arteor hotel equipment makes your guests feel at ease and at home - allowing for a personalised in-room experience and a consistently high service level.

Illuminated sign

Shaver socket

Wireless charger

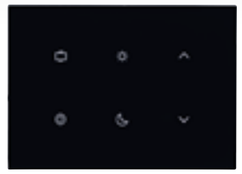
Reading light

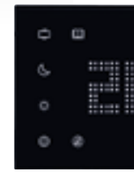
Guest room management system

Whether for premium or midscale hotels: Legrand guest room management solutions allow you to welcome your guests with dedicated scenes and provide intuitive control of lights, curtains, shutters and temperature.
Find out more about UX for Upscale Hotel and UX One touch controls.

See p. 653 to 655

UX One touch controls





UX for Upscale Hotel range

Hotel equipment

lighting, electric roller blinds, curtain control - square version

5 732 84

5 737 22

5 732 34

Support frame and plate selection charts **p. 594-603**

Mechanisms supplied with rocker plates, to be equipped with support frames (p. 585) and plates (p. 594-603)

Pack	Cat.Nos	Lighting control
		Master switch - 2 modules 2-way double pole 20 AX - 250 V~ for general control: all ON / all OFF
10	5 732 84	○ White
10	5 737 84	● Magnesium
10	5 737 89	● Champagne
10	5 737 88	● Soft Alu
		Master push-button - 2 modules 2-way 6 A - 250 V~ for general control: all ON/ all OFF
10	5 732 86	○ White
10	5 737 86	● Magnesium
10	5 737 99	● Champagne
10	5 737 98	● Soft Alu
		Switch for bed lights - 2 x 1 module 2 x 2-way switch - 10 AX - 250 V~
10	5 732 94	○ White
5	5 737 94	● Magnesium
5	5 737 63	● Champagne
5	5 737 62	● Soft Alu
		Push-button for bed lights - 2 x 1 module 2 x 2-way push-button - 6 A - 250 V~
10	5 732 96	○ White
5	5 737 96	● Magnesium
		Electric roller blinds control - 250 VA
		Double switch 10 A - 2 modules For direct control of a motor (mechanism with fixed positions)
10	5 732 22	○ White
10	5 737 22	● Magnesium
10	5 737 76	● Champagne
10	5 737 75	● Soft Alu
		Double push-button 10 A - 2 modules For control via automatic box (N/O mechanism)
10	5 732 24	○ White
10	5 737 24	● Magnesium
		Curtain control - 250 VA
		Double switch 10 A - 2 modules For direct control of a motor (mechanism with fixed positions)
10	5 732 34	○ White
10	5 737 34	● Magnesium
		Double push-button 10 A - 2 modules For control via automatic box (N/O mechanism)
10	5 732 36	○ White
10	5 737 36	● Magnesium

Hotel equipment

lighting, electric roller blinds, curtain control - round version

5 732 95

5 737 35

Support frame and plate selection charts **p. 594-603**

Mechanisms supplied with rocker plates, to be equipped with support frames (p. 585) and plates (p. 594-603)

Pack	Cat.Nos	Lighting control
		Master switch - 2 modules 2-way double pole 20 AX - 250 V~ for general control: all ON / all OFF
10	5 732 85	○ White
10	5 737 85	● Magnesium
		Master push-button - 2 modules 2-way 6 A - 250 V~ for general control: all ON/ all OFF
10	5 732 87	○ White
10	5 737 87	● Magnesium
		Switch for bed lights - 2 x 1 module 2 x 2-way switch - 10 AX - 250 V~
5	5 732 95	○ White
5	5 737 95	● Magnesium
		Push-button for bed lights - 2 x 1 module 2 x 2-way push-button - 6 A - 250 V~
5	5 732 97	○ White
5	5 737 97	● Magnesium
		Electric roller blinds control - 250 VA
		Double switch 10 A - 2 modules For direct control of a motor (mechanism with fixed positions)
10	5 732 23	○ White
10	5 737 23	● Magnesium
		Double push-button 10 A - 2 modules For control via automatic box (N/O mechanism)
10	5 732 25	○ White
10	5 737 25	● Magnesium
		Curtain control - 250 VA
		Double switch 10 A - 2 modules For direct control of a motor (mechanism with fixed positions)
10	5 732 35	○ White
10	5 737 35	● Magnesium
		Double push-button 10 A - 2 modules For control via automatic box (N/O mechanism)
10	5 732 37	○ White
10	5 737 37	● Magnesium

UX for Upscale Hotel
See **p. 653**

Hotel equipment

shaver sockets, key card switches, key cards, chimes, buzzers

5 721 53

5 710 55

5 722 53

0 767 11

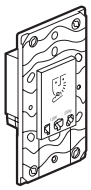
Support frame and plate selection charts **p. 594-603**

Mechanisms supplied with rocker plates, to be equipped with support frames (p. 585) and plates (p. 594-603)

Shaver sockets

Conform to BS EN 61558-2-5. IP 24
For use with European, British, American, Australian 2-pin plugs. Screwless live and neutral terminals
Double wound isolating transformer
Automatic self-resetting overload feature
Plug insertion operates micro-switch which energises transformer
To be equipped with BS 2-gang - 3-module plates (p. 594-595)
For flush-mounting boxes, use BS 2-gang box depth 48 mm, US type, Italian type boxes depth 48 mm or Cat.No 0 801 55
Power supply: 230 V - 50/60 Hz. 3 modules

230 V / 120-230 V



Pack	Cat.Nos	
1	5 721 55	○ White
1	5 726 55	● Magnesium
1	5 726 66	● Champagne
1	5 726 65	● Soft Alu
1	5 721 53	○ White - with earth connector
1	5 726 53	● Magnesium - with earth connector
1	5 727 64	● Champagne - with earth connector
1	5 727 62	● Soft Alu - with earth connector

Mechanical key card switches 230 V

For energizing a circuit by inserting a key fob Cat.No 5 722 59 or a smart card (access card for a hotel room)
Example of use: hotel room power supply only when guest is present
Time-delay of approx. 30 sec. after card removal
To be equipped with single pole latching relay Cat.Nos 5 722 27 or 5 727 27 (p. 570)
2 modules

Pack	Cat.Nos	
1	5 722 30	○ White
1	5 727 30	● Magnesium
1	5 700 55	● Champagne
1	5 710 55	● Soft Alu

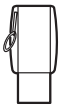
Key card switches RFID

For energizing a circuit for example meeting room, office, hotel room...
Works only with ISO type contactless key card Cat.No 0 767 11 or other ISO type 13.56 MHz key card
Time-delay of approx. 30 sec. after card removal
Low capacity contact 230 V - 30 VA
Lighting of the slot by LED. 2 modules

Pack	Cat.Nos	
1	5 722 53	○ White
1	5 727 53	● Magnesium
1	5 727 37	● Champagne
1	5 722 37	● Soft Alu

Key cards

For mechanical key card switches
Enable use of key fob switches in hotels with key locks
Supplied complete with a label holder for individual hotel identification



Pack	Cat.Nos	
10	5 722 59	○ White
10	5 727 59	● Magnesium

For RFID key card switches

Pack	Cat.Nos	
10	0 767 11	MIFARE contactless badge card ISO format (50 x 80 mm) Chip: 13.56 MHz Standard 1 KB memory

Chimes

230 V - 50 Hz
Consumption: 65 mA
1 melody
Tone level: 73 dB at 1 m
Compatible with push-button Cat.No 0 416 45

Pack	Cat.Nos	
1	5 722 06	○ White
1	5 722 46	● Magnesium

Buzzers

230 V - 1 module

Pack	Cat.Nos	
10	5 722 04	○ White
5	5 727 04	● Magnesium

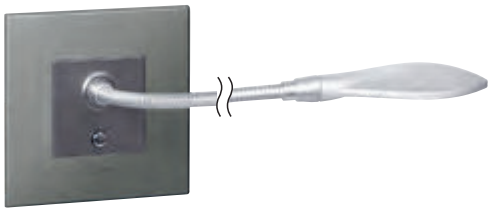
230 V - 2 modules

Pack	Cat.Nos	
10	5 722 07	○ White
10	5 722 47	● Magnesium

Hotel equipment

call indicators, illuminated signs, reading light - square version

5 737 78



5 727 57 + plate Magnesium 5 713 12

Support frame and plate selection charts **p. 594-603**

Mechanisms supplied with rocker plates, to be equipped with support frames (p. 585) and plates (p. 594-603)

Pack	Cat.Nos	Hotel bedroom call indicators
		Enable the resident to inform hotel staff of the room status Two settings are possible: - Do not disturb - Please clean the room 2 x 1 module
		Indicator for corridor Indicator lamp and bell push Installed in the corridor, display calls Supplied with LED
5	5 720 57	○ White
5	5 725 57	● Magnesium
5	5 737 78	● Champagne
5	5 737 77	● Soft Alu
		Internal control unit Allows the user to select the desired setting Supplied with LED
5	5 720 54	○ White
5	5 725 54	● Magnesium
5	5 737 82	● Champagne
5	5 737 81	● Soft Alu

Pack	Cat.Nos	Illuminated signs
		Mechanisms integrating LEDs and a pivoting window that can take customised labels (printed using a simple text editor on transparent printing paper) 2 modules
		Green or red LEDs Sign with 2-state LEDs with choice of green or red configurable on the mechanism. Power level: 1 W
5	5 722 24	○ White
5	5 727 24	● Magnesium
5	5 727 46	● Champagne
5	5 727 45	● Soft Alu
		Blue LEDs Sign with blue LEDs A choice of 2 power levels: 0.2 or 1 W
5	5 722 25	○ White
5	5 727 22	● Magnesium
5	5 727 48	● Champagne
5	5 727 47	● Soft Alu

Pack	Cat.Nos	Reading lights
		Fitted with maintenance-free LEDs LED colours: 3000 K (neutral white) 230 V∿ power supply - energy class A Screw terminals. For installation in the bedhead Offers directional lighting. Equipped with a flexible cable so the head can swivel Built-in dimmer. Consumption 3.3 W Luminous flux 110 lumen (equivalent to 15 W incandescent) Service life 40000 hours. For installation in box depth 40 mm min. 2 modules
1	5 722 57	○ White
1	5 727 57	● Magnesium

Hotel equipment

call indicators, buzzers - round version

5 725 67

Support frame and plate selection charts **p. 594-603**

Mechanisms supplied with rocker plates, to be equipped with support frames (p. 585) and plates (p. 594-603)

Pack	Cat.Nos	Hotel bedroom call indicators
		Enable the resident to inform hotel staff of the room status Two settings are possible: - Do not disturb - Please clean the room 2 x 1 module
		Indicator for corridor Indicator lamp and bell push Installed in the corridor, display calls Supplied with LED
5	5 720 67	○ White
5	5 725 67	● Magnesium
5	5 727 31	● Soft Alu
		Internal control unit Allows the user to select the desired setting Supplied with LED
5	5 720 74	○ White
5	5 725 74	● Magnesium
5	5 727 49	● Soft Alu

Pack	Cat.Nos	Buzzers
		230 V - 2 modules
10	5 722 08	○ White
10	5 722 48	● Magnesium

Modular Arteor USB chargers
See **p. 568**

0 776 40L supplied with sticker

0 776 99L

Wireless power chargers for fast charging of a smartphone with a QI receiver
Power supply standby mode consumption < 0.07 %
Conform to the QI WPC standard (Wireless Power Consortium): certified for professional QI 1.2.3 projects
Conform to EN 62479 standard (EMF emissions)
Conform to ICNIRP specifications (health protection)
Do not interfere with other wireless signals (Zigbee, TNT, GSM, 4G, etc)

Pack	Cat.Nos	
1	0 776 40L	**QI wireless charger - for integration into furniture** Specially designed for mounting horizontally on furniture For meeting rooms, offices, public areas, etc 80 mm drilling diameter, Aluminium colour Extra-slim with thickness < 1.5 mm Supplied with identification sticker diameter 85/110 mm, 2.5 m cord, fixing base and cable ties 110-240 V universal power supply Plugs conforming to European, BS, US, Australian/ Chinese standards To be installed using a hole saw diameter 80 mm (Cat.No 0 885 08 p. 1167) 15 W - IP 44 / IK 08 charger
1	0 776 99L	**Flush-mounted wireless charger - for public areas** 10 W wireless charger Specially designed for public buildings, passageways or transit areas, swimming pools, etc. IK 08 - IP 66 - Class II SELV Comes with 2 induction antennae for fast smartphone charging Recognition area: 50 x 80 mm Plate at an angle of 10° with non-slip coating to hold the terminal safely in place during charging Screws onto flush-mounting box with 60 mm fixing centres, min. depth 40 mm, French, German or British standard Can also be fixed in at 4 points Can be mounted on rectangular boxes and outdoors 110/230 VA Phase + Neutral power supply Mechanism supplied with cover plate, attached with 2 Torx screws at the side Aluminium colour Dimensions: 141 x 95 x 51 mm 2 x 2.5 mm² terminals

Arteor™
wireless power chargers

Wireless power charging

A Legrand innovation for easy charging

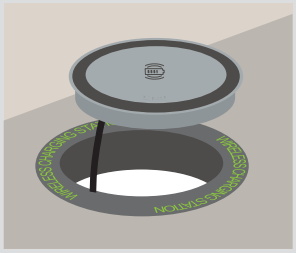
Using wireless energy transfer
No need for cords and connectors

An open international standard: qi

Wireless Power Consortium: 750 members, ensuring interoperability with induction-compatible phones
QI: global standard adopted by vehicle manufacturers and cafés/ hotels/restaurants
Products certified for professional QI 1.2.3 projects

Ergonomically designed to suit different environments

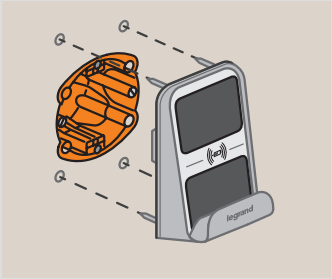
Horizontal charging on furniture

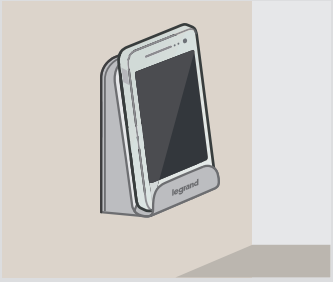


Insertion in an 80 mm diameter cut-out / Fixed into furniture
External power supply with 2.5 m cord

Vertical charging on a wall in public areas (semi-flush-mounted)

Ideal for indoor or outdoor locations





Excellent resistance to impacts (IK 08) and adverse weather conditions (IP 66)
Can be fixed directly on the flush-mounting box or for extra strength drilled with anchor bolts

Arteor™ British standard plate selection charts

60.3 mm fixing centres - flush-mounting boxes, support frames and plates

Number of modules per mechanism	Flush-mounting boxes	Support frames	Plates	PLATES																	
				Neutral						Mirror		Brushed Metal				Reflective Metal			Wood	Signature
				White	Soft Alu	Graphite	Magnesium	Champagne	Dark Bronze	Mirror White	Mirror Black	Stainless Steel	Gold Brass	Pink Champagne	Black	Stainless Steel	Black	Gold	Grey Oak	Cube
SQUARE VERSION																				
1 module	1-gang	5 760 03		5 752 00	5 713 01	5 752 02	5 713 11	5 713 21	5 713 31	5 752 04	5 752 03	5 752 06	5 761 00	5 713 51	5 713 41	5 713 61	5 713 81	5 713 71	5 713 91	5 714 01
2 modules		5 760 03 5 760 01(1)		5 752 10	5 713 02	5 752 12	5 713 12	5 713 22	5 713 32	5 752 14	5 752 13	5 752 16	5 761 20	5 713 52	5 713 42	5 713 62	5 713 82	5 713 72	5 713 92	5 714 02
3 modules	1-gang	5 760 01(2)		5 751 60	5 713 03	5 751 62	5 713 13	5 713 23	5 713 33	5 751 64	5 751 63	5 751 66	5 761 80	5 713 53	5 713 43	5 713 63	5 713 83	5 713 73	5 713 93	5 714 03
3 modules and shaver sockets	2-gang	5 760 02		5 750 70	5 713 05	5 750 72	5 713 15	5 713 25	5 713 35	5 750 74	5 750 73	5 750 76	5 761 60	5 713 55	5 713 45	5 713 65	5 713 85	5 713 75	5 713 95	5 714 05
4 modules	2-gang	5 760 00		5 750 80	5 713 04	5 750 82	5 713 14	5 713 24	5 713 34	5 750 84	5 750 83	5 750 86	5 761 40	5 713 54	5 713 44	5 713 64	5 713 84	5 713 74	5 713 94	5 714 04
6 modules	6 890 36	Supplied with support frame		5 753 70	5 713 06	5 753 72	5 713 16	5 713 26	5 713 36	5 753 74	5 753 73	5 753 76	5 763 70	5 713 56	5 713 46	5 713 66	5 713 86	5 713 76	5 713 96	5 714 06
8 modules	6 890 38	Supplied with support frame		5 767 00	5 713 08	5 767 02	5 713 18	5 713 28	5 713 38	5 767 04	5 767 03	5 767 06	5 767 10	5 713 58	5 713 48	5 713 68	5 713 88	5 713 78	5 713 98	5 714 08
2 x 6 modules	6 890 28	Supplied with support frame		5 753 90	5 716 00	5 753 92	5 716 02	5 716 04	5 716 06	-	-	-	-	-	-	-	-	-	-	-
3 x 6 modules	0 818 56	Supplied with support frame		5 754 00	5 716 01	5 754 02	5 716 03	5 716 05	5 716 07	-	-	-	-	-	-	-	-	-	-	-
Blanking cover plate	1-gang	5 760 03 5 760 01		5 751 30	5 716 08	5 751 32	5 716 10	5 716 12	5 716 14	-	-	-	-	-	-	-	-	-	-	-
Blanking cover plate	2-gang	5 760 02		5 751 40	5 716 09	5 751 42	5 716 11	5 716 13	5 716 15	-	-	-	-	-	-	-	-	-	-	-
ROUND VERSION																				
2 modules	1-gang	5 760 03		5 756 10	5 716 16	5 756 12	5 716 21	-		5 756 14	5 756 13	5 756 16	5 761 10	5 716 30	5 716 26	-	-	-	-	-
3 modules	2-gang	5 760 02		5 755 40	5 716 18	5 755 42	5 716 23	-		5 755 44	5 755 43	5 755 46	5 761 50	5 716 32	5 716 28	-	-	-	-	-
3 modules - 1-gang	1-gang	5 760 01		5 755 60	5 716 19	5 755 62	5 716 24	-		5 755 64	5 755 63	5 755 66	5 761 70	5 716 33	5 716 29	-	-	-	-	-
4 modules	2-gang	5 760 00		5 755 50	5 716 17	5 755 52	5 716 22	-		5 755 54	5 755 53	5 755 56	-	5 716 31	5 716 27	-	-	-	-	-
6 modules	6 890 36	Supplied with support		5 767 40	5 716 20	5 767 42	5 716 25	-		5 767 44	5 767 43	-	-	-	-	-	-	-	-	-

1: Use 5 760 01 support frame for 2 module mechanisms to be mounted on 3 module support frame (see mention in catalogue page)
2 : Support frame not needed for use with British standard connected socket outlets Cat.Nos 574256, 574257, 574258, 574259

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Arteor™ British standard special plates

60.3 mm fixing centres - flush-mounting boxes and plates

	Support frames	Plates	PLATES																		PLATES	
			Neutral							Mirror		Brushed Metal				Reflective Metal			Wood	Signature		
			White	Soft Alu	Graphite	Magnesium	Champagne	Dark Bronze		Mirror White	Mirror Black	Stainless Steel	Gold Brass	Pink Champagne	Black	Stainless Steel	Black	Gold	Grey Oak	Cube		
FOR BRITISH STANDARD SOCKET OUTLETS																						
For 5 A/13 A switched socket outlet - 1-gang	Not needed		5 750 90	5 713 07	5 750 92	5 713 17	5 713 27	5 713 37		5 750 94	5 750 93	5 750 96	5 762 10	5 713 57	5 713 47	5 713 67	5 713 87	5 713 77	5 713 97	5 714 07		
For 13 A twin switched socket outlet - 2-gang	Not needed		5 751 00	5 713 09	5 751 02	5 713 19	5 713 29	5 713 39		5 751 04	5 751 03	5 751 06	5 762 00	5 713 59	5 713 49	5 713 69	5 713 89	5 713 79	5 713 99	5 714 09		
For BS connected socket outlets 13 A, switched, 2-gang	Not needed		5 712 10	5 712 11	5 712 12	5 712 13	5 712 14	5 712 15		5 712 16	5 712 17	5 712 18	5 712 19	5 712 20	5 712 21	5 712 22	5 712 23	5 712 24	5 712 25	5 712 26		
FOR BRITISH STANDARD SOCKET OUTLETS WITH USB CHARGER																						
For 1-gang single pole switched USB Type-A 3 A - 5 V⎓ - 15 W	Not needed		5 751 11A	5 751 34A	5 751 33A	5 751 35A	5 751 36A	5 751 37A		-	-	5 751 12A	-	-	-	-	-	-	-	-		
For 1-gang single pole switched USB Type-C 18 W	Not needed		5 754 52	5 754 53	5 754 54	5 754 55	5 754 56	5 754 57		-	-	5 754 58	-	-	-	-	-	-	-	-		
For 1-gang single pole unswitched USB Type-A 3 A - 5 V⎓ - 15 W	Not needed		5 751 13A	5 751 89A	5 751 88A	5 751 93A	5 751 94A	5 751 95A		-	-	5 751 14A	-	-	-	-	-	-	-	-		
For 1-gang single pole unswitched USB Type-C 18 W	Not needed		5 754 59	5 754 61	5 754 62	5 754 63	5 754 64	5 754 65		-	-	5 754 66	-	-	-	-	-	-	-	-		
For 2-gang single pole switched USB Type-A + Type-C 3 A - 5 V⎓ - 15 W	Not needed		5 751 17	5 751 52	5 751 51	5 751 53	5 751 54	5 751 55		-	-	5 751 18	-	-	-	-	-	-	-	-		
For 2-gang single pole switched USB Type-A + Type-C 27 W	Not needed		5 754 37	5 754 39	5 754 40	5 754 41	5 754 42	5 754 43		-	-	5 754 38	-	-	-	-	-	-	-	-		
FOR MULTISTANDARD SOCKET OUTLETS WITH USB CHARGER																						
For 1-gang switched socket outlet USB Type-A 3 A - 5 V= - 15 W	Not needed		5 751 10A	5 751 44A	5 751 43A	5 751 45A	5 751 46A	5 751 47A		-	-	5 751 16A	-	-	-	-	-	-	-	-		
For 1-gang switched socket outlet USB Type-C 18 W	Not needed		5 754 67	5 754 68	5 754 69	5 754 71	5 754 72	5 754 73		-	-	5 754 74	-	-	-	-	-	-	-	-		
For 2-gang switched socket outlet USB Type-A + Type-C 3 A - 5 V= - 15 W	Not needed		5 751 70	5 751 72	5 751 71	5 751 73	5 751 74	5 751 75		-	-	5 751 76	-	-	-	-	-	-	-	-		
For 2-gang switched socket outlet USB Type-A + Type-C 27 W	Not needed		5 754 44	5 754 46	5 754 45	5 754 47	5 754 48	5 754 49		-	-	5 754 51	-	-	-	-	-	-	-	-		
FOR FUSED CONNECTION UNIT AND COOKER UNIT																						
For 13 A fused connection unit switched	Not needed		5 751 20	5 713 10	5 751 22	5 713 20	5 713 30	5 713 40		5 751 24	5 751 23	5 751 26	5 761 90	5 713 60	5 713 50	5 713 70	5 713 90	5 713 80	-	-		
For cooker unit Cat.No 5 720 88	Not needed		5 751 50	-	-	-	-	-		-	-	-	-	-	-	-	-	-	-	-		

Red catalogue numbers: New products

Red catalogue numbers: New products

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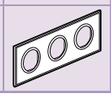
Arteor™ Italian / US standards plate selection charts

83.5 mm fixing centres - flush-mounting boxes, support frames and plates

Number of modules per mechanism	Flush-mounting boxes	Support frames	Plates	PLATES							PLATES										
				Neutral							Mirror		Brushed Metal				Reflective Metal			Wood	Signature
				White	Soft Alu	Graphite	Magnesium	Champagne	Dark Bronze		Mirror White	Mirror Black	Stainless Steel	Gold Brass	Pink Champagne	Black	Stainless Steel	Black	Gold	Grey Oak	Cube
SQUARE VERSION																					
1 module	0 800 49	5 760 40		5 752 20	5 714 11	5 752 22	5 752 27	5 714 31	5 714 41		5 752 44	5 752 43	5 752 46	5 764 10	5 714 26	5 714 16	5 714 36	5 714 56	5 714 46	5 714 66	5 714 76
2 modules	0 800 49	5 760 40		5 752 30	5 714 12	5 752 32	5 752 37	5 714 32	5 714 42		5 752 54	5 752 53	5 752 56	5 764 30	5 714 27	5 714 17	5 714 37	5 714 57	5 714 47	5 714 67	5 714 77
3 modules	0 800 49	5 760 40		5 750 10	5 714 13	5 750 12	5 750 17	5 714 33	5 714 43		5 752 74	5 752 73	5 752 76	5 764 50	5 714 28	5 714 18	5 714 38	5 714 58	5 714 48	5 714 68	5 714 78
Blanking cover plate	2" x 4"	5 760 40		5 754 10	5 714 10	5 754 12	5 714 52	5 714 53	5 714 51		-	-	-	-	-	-	-	-	-	-	-
4 modules	0 800 42	5 760 11		5 750 30	5 714 14	5 750 32	5 750 37	5 714 34	5 714 44		5 750 34	5 750 33	5 750 36	5 762 70	5 714 29	5 714 19	5 714 39	5 714 59	5 714 49	5 714 69	-
6 modules	0 800 43	5 760 12		5 750 40	5 714 15	5 750 42	5 750 47	5 714 35	5 714 45		5 750 44	5 750 43	5 750 46	5 762 80	5 714 30	5 714 20	5 714 40	5 714 60	5 714 50	5 714 70	-
ROUND VERSION																					
2 modules	0 800 49	5 760 40		5 756 20	5 716 34	5 756 22	5 716 36	-	-		5 756 34	5 756 33	5 756 36	5 764 20	5 716 40	5 716 38	-	-	-	-	-
3 modules	0 800 49	5 760 40		5 755 00	5 716 35	5 755 02	5 716 37	-	-		5 756 54	5 756 53	5 756 56	5 764 40	5 716 41	5 716 39	-	-	-	-	-
4 modules	0 800 42	2 x 5 760 21		5 755 10	5 716 59	5 755 12	5 716 62	-	-		5 755 14	5 755 13	5 755 16	5 762 50	5 716 67	5 716 65	-	-	-	-	-
6 modules	0 800 43	3 x 5 760 21		5 755 20	5 716 60	5 755 22	5 716 63	-	-		-	-	-	-	-	-	-	-	-	-	-

Arteor™ American and South African standard plate selection charts

83.5 mm fixing centres - flush-mounting boxes, support frames and plates

Number of modules per mechanism	Flush-mounting boxes	Support frames	Plates	PLATES																		
				Neutral							Mirror		Brushed Metal				Reflective Metal			Wood	Signature
				White	Soft Alu	Graphite	Magnesium	Champagne	Dark Bronze		Mirror White	Mirror Black	Stainless Steel	Gold Brass	Pink Champagne	Black	Stainless Steel	Black	Gold	Grey Oak	Cube
SQUARE VERSION																						
1 vertical module	2" x 4"	5 760 30		5 767 20	5 714 85	5 767 22	5 714 95	5 715 05	5 715 15		5 767 24	5 767 23	5 767 26	5 767 30	5 715 26	5 715 21	5 715 31	5 715 41	5 715 36	5 715 46	5 715 51
1 horizontal module		5 760 40		5 752 40	5 714 81	5 752 42	5 714 91	5 715 01	5 715 11		5 752 44	5 752 43	5 752 46	5 764 10	5 714 26	5 714 16	5 714 36	5 714 56	5 714 46	5 714 66	5 714 76
2 modules		5 760 30[1] 5 760 40		5 752 50	5 714 82	5 752 52	5 714 92	5 715 02	5 715 12		5 752 54	5 752 53	5 752 56	5 764 30	5 714 27	5 714 17	5 714 37	5 714 57	5 714 47	5 714 67	5 714 77
3 modules		5 760 40		5 752 70	5 714 83	5 752 72	5 714 93	5 715 03	5 715 13		5 752 74	5 752 73	5 752 76	5 764 50	5 714 28	5 714 18	5 714 38	5 714 58	5 714 48	5 714 68	5 714 78
2 modules	4" x 4"	5 760 31		5 752 60	5 714 86	5 752 62	5 714 96	5 715 06	5 715 16		5 752 64	5 752 63	5 752 66	5 766 20	5 715 27	5 715 22	5 715 32	5 715 42	5 715 37	5 715 47	5 715 52
3 modules		5 760 31		5 752 80	5 714 87	5 752 82	5 714 97	5 715 07	5 715 17		5 752 84	5 752 83	5 752 86	5 766 40	5 715 28	5 715 23	5 715 33	5 715 43	5 715 38	5 715 48	5 715 53
4 modules		5 760 31		5 752 90	5 714 84	5 752 92	5 714 94	5 715 04	5 715 14		5 752 94	5 752 93	5 752 96	-	5 715 29	5 715 24	5 715 34	5 715 44	5 715 39	-	-
2 x 3 modules		5 760 32		5 753 00	5 714 88	5 753 02	5 714 98	5 715 08	5 715 18		5 753 04	5 753 03	5 753 06	5 766 70	5 715 30	5 715 25	5 715 35	5 715 45	5 715 40	-	-
Blanking cover plate Italian / US standards	2" x 4"	5 760 40		5 754 10	5 714 10	5 754 12	5 714 52	5 714 53	5 714 51		-	-	-	-	-	-	-	-	-	-	-
Blanking cover plate US standard	4" x 4"	5 760 31		5 753 60	5 714 00	5 753 62	-	5 753 64	-		-	-	-	-	-	-	-	-	-	-	-
ROUND VERSION																						
2 modules	2" x 4"	5 760 30[1] 5 760 40		5 756 30	5 716 42	5 756 32	5 716 47	-	-		5 756 34	5 756 33	5 756 36	5 764 20	5 716 40	5 716 38	-	-	-	-	-
3 modules		5 760 40		5 756 50	5 716 43	5 756 52	5 716 48	-	-		5 756 54	5 756 53	5 756 56	5 764 40	5 716 41	5 716 39	-	-	-	-	-
2 modules	4" x 4"	5 760 31		5 756 40	5 716 44	5 756 42	5 716 49	-	-		5 756 44	5 756 43	5 756 46	5 766 10	5 716 55	5 716 52	-	-	-	-	-
3 modules				5 756 60	5 716 45	5 756 62	5 716 50	-	-		5 756 64	5 756 63	5 756 66	5 766 30	5 716 56	5 716 53	-	-	-	-	-
2 x 3 modules		5 760 32		5 756 70	5 716 46	5 756 72	5 716 51	-	-		5 756 74	5 756 73	5 756 76	-	5 716 57	5 716 54	-	-	-	-	-

1: Only for 2 modules electronic functions

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Arteor™ German and French standard plate selection charts

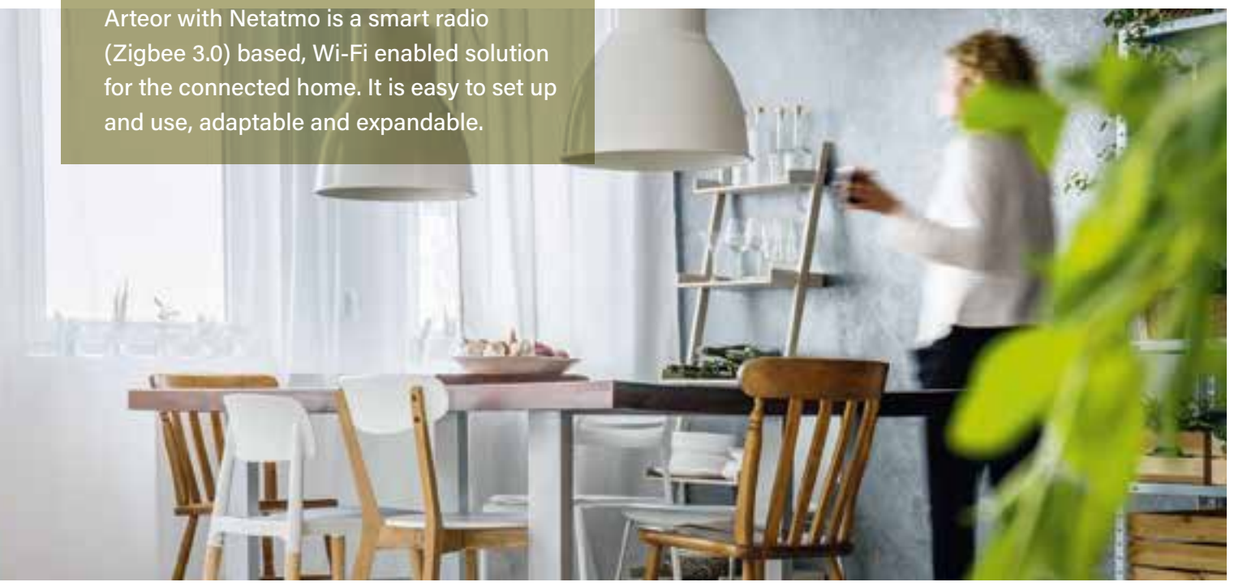
60 mm fixing centres - flush and surface-mounting boxes, support frames and plates

Number of modules per mechanism	Surface-mounting boxes	Flush-mounting boxes for dry partitions	Support frames	Plates	PLATES																		
					Neutral							Mirror		Brushed Metal				Reflective Metal			Wood	Signature	
					White	Soft Alu	Graphite	Magnesium	Champagne	Dark Bronze		Mirror White	Mirror Black	Stainless Steel	Gold Brass	Pink Champagne	Black	Stainless Steel	Black	Gold	Grey Oak	Cube	
SQUARE VERSION																							
1 module	-	0 800 41	5 760 21 (screws) 5 760 20 (claws)		5 765 40	5 715 61	5 765 52	5 765 47	5 715 81	5 715 91		5 765 54	5 765 53	5 765 56	5 762 20	5 715 66	5 715 56	5 715 76	5 715 96	5 715 86	5 715 50	5 715 00	
2 modules	5 723 90	0 800 41	5 760 21 (screws) 5 760 20 (claws)		5 765 60	5 715 62	5 765 62	5 765 67	5 715 82	5 715 92		5 765 64	5 765 63	5 765 66	5 762 40	5 715 67	5 715 57	5 715 77	5 715 97	5 715 87	5 715 60	5 715 80	
3 modules	-	0 800 49	5 760 40		5 750 10	5 714 13	5 750 12	5 750 17	5 714 33	5 714 43		5 752 74	5 752 73	5 752 76	5 764 50	5 714 28	5 714 18	5 714 38	5 714 58	5 714 48	5 714 68	5 714 78	
2 x 2 modules	5 723 92	0 800 42	2 x 5 760 21		5 750 20	5 715 63	5 750 22	5 750 27	5 715 83	5 715 93		5 750 24	5 750 23	5 750 26	5 762 60	5 715 68	5 715 58	5 715 78	5 715 98	5 715 88	5 715 70	5 715 90	
6 modules	-	0 800 43	5 760 12		5 750 40	5 714 15	5 750 42	5 750 47	5 714 35	5 714 45		5 750 44	5 750 43	5 750 46	5 762 80	5 714 30	5 714 20	5 714 40	5 714 60	5 714 50	5 714 70	-	
2 x 6 modules	5 723 96	0 801 26	5 760 22		5 750 60	5 715 65	5 750 62	5 715 75	5 715 85	5 715 95		-	-	-	-	-	-	-	-	-	-	-	
4 modules	5 723 92	0 800 42	5 760 11		5 750 30	5 714 14	5 750 32	5 750 37	5 714 34	5 714 44		5 750 34	5 750 33	5 750 36	5 762 70	5 714 29	5 714 19	5 714 39	5 714 59	5 714 49	5 714 69	-	
3 x 2 modules	-	0 800 43	3 x 5 760 21		5 750 50	5 715 64	5 750 52	5 750 57	5 715 84	5 715 94		5 750 54	5 750 53	5 750 56	-	5 715 69	5 715 59	5 715 79	5 715 99	5 715 89	-	-	
ROUND VERSION																							
2 x 1 module 2 modules	5 723 90	0 800 41	5 760 21 (screws) 5 760 20 (claws)		5 756 00	5 716 58	5 756 02	5 716 61	-	-		5 756 04	5 756 03	5 756 06	5 762 30	5 716 66	5 716 64	-	-	-	-	-	
2 x 2 modules	5 723 92	0 800 42	2 x 5 760 21		5 755 10	5 716 59	5 755 12	5 716 62	-	-		5 755 14	5 755 13	5 755 16	5 762 50	5 716 67	5 716 65	-	-	-	-	-	
3 x 2 modules	-	0 800 43	3 x 5 760 21		5 755 20	5 716 60	5 755 22	5 716 63	-	-		-	-	-	-	-	-	-	-	-	-	-	

ARTEOR™ WITH NETATMO

Connected living made easy

Arteor with Netatmo is a smart radio (Zigbee 3.0) based, Wi-Fi enabled solution for the connected home. It is easy to set up and use, adaptable and expandable.



ARTEOR WITH NETATMO IS PART OF LEGRAND'S ELIOT PROGRAM

This program is dedicated to developing sustainable connected solutions that are easy to use and maintain, accessible for everybody and customisable to the user's needs, desires and habits. To enhance the value of any home and make everyday life just that little bit more comfortable and secure.

One system - many options

Arteor with Netatmo offers a wide range of functionalities that allow to harness the full potential of the modern smart home. From lighting, roller blinds, scenarios or temperature through to gates: the installation can be managed locally or remotely via one single App. or via voice assistant.

Home + Control App.

zigbee

A sustainable choice

More sustainability

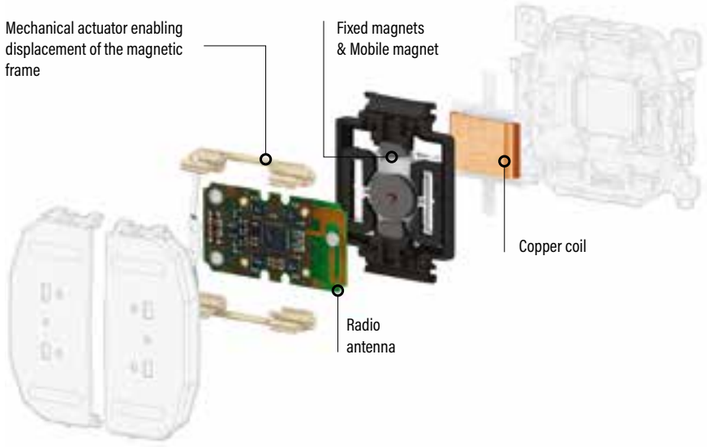
Arteor with Netatmo and the Home + Control App. also enhance the sustainability of the modern smart home by enabling energy monitoring and management.

Lower environmental impact and less maintenance effort

The new energy harvesting wireless switches for lights, curtains/roller blinds and scene control no longer need a battery as they produce their own energy.

green power

- Compact and slim design
- Operating life of at least 1 million operations
- Available for lighting, curtains/roller blinds and scene management
- Covered by 3 patents



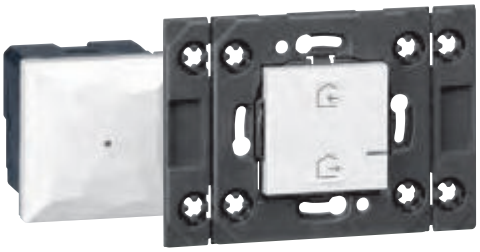
Arteor™ with Netatmo - International

connected gateway pack

Must be ordered for any connected installation

Step 1: Gateway pack for a connected home

Home + Control

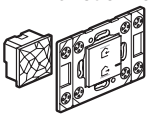


5 742 09

Support frame and plate selection charts **p. 594 to 603**

Used to create the radio network and the Wi-Fi connection of the connected installation
Enables remote control of your home (lighting, curtains/roller blinds, temperature and electrical appliances) using a smartphone via the Home + Control App. and/or voice control with a voice assistant
Must be ordered to start any connected installation
To be completed by adding individual connected products
2.4 GHz Wi-Fi connection required

Pack	Cat.Nos	Connected gateway pack
		Used to create the radio network and the Wi-Fi connection Composition: - 1 flush-mounted Zigbee/Wi-Fi gateway Mechanisms supplied with cover plates, to be equipped with support frames (p. 614) and plates (p. 594-603) Allows the connection of the installation to the Wi-Fi network and enables control through the Home + Control App. and voice assistants (Google Assistant, Amazon Alexa, Apple Siri)(1) Can be installed in place of an existing product Suitable for flush-mounting box min. depth 35mm - 1 Home/Away wireless master switch with preset life scenes Supplied with cover plate and multi-standard support frame (with removable fins) To be equipped with 2-module plates Used to create the radio network and to control life scenes Life scenes can be customised in the Home + Control App. Supplied with CR2032 3 V long-life battery for power supply and removable stickers for fixing the control unit on any substrate LED function for low battery indication
1	5 742 09	○ White
1	5 742 27	● Magnesium
1	5 742 36	● Champagne
1	5 742 18	● Soft Alu



1: Availability of voice assistants to be checked in your country

Arteor™ with Netatmo - International

connected light switches

Step 2: Connected products

Home + Control

5 742 01

5 742 12A

Support frame and plate selection charts **p. 594 to 603**

Used to create your connected installation, require prior installation of a gateway pack for connected installation
Zigbee Certified Product

Pack	Cat.Nos	Connected light switches
		Mechanisms supplied with cover plates, to be equipped with support frames (p. 614) and plates (p. 594-603) Can be installed in place of an existing switch in a flush-mounting box depth 35 mm
		Switch with neutral 100 W LED, wired, 1 module For local or remote control of lighting Can be controlled by one or several wireless light switches and/or mechanical 2-way switches Compatible with all loads : - LEDs and CFL lamps: 100 W LED - Incandescent and halogen lamps: 500 W - ELV halogen and CFL lamps with separate ballast: 250 VA Locator and indicator functions can be activated from the Home + Control App.
1	5 742 01	○ White
1	5 742 20	● Magnesium
1	5 742 29	● Champagne
1	5 742 11	● Soft Alu
		Switch without neutral, 125 W LED, with dimmer option, wired, 2 modules For local or remote ON/OFF or dimming control of lighting Can be controlled by one or several wireless light switches and/or mechanical push-buttons Dimmer mode and locator and indicator functions can be activated from the Home + Control App. Compatible with all loads: - Dimmable LEDs and CFL lamps: 125 W LED - Incandescent and halogen lamps: 125 W - ELV halogen and CFL lamps with separate ballast: 125 VA Supplied with a bleeder Memory level function
1	5 742 02A	○ White
1	5 742 21A	● Magnesium
1	5 742 30A	● Champagne
1	5 742 12A	● Soft Alu

Legrand's Home + Control App. available on **Google Play and the App Store**

Products to be submitted to local tests to ensure a perfect functioning
Please contact your local agency

eliot™ PROGRAM BY LEGRAND

Red catalogue numbers: New products

Arteor™ with Netatmo - International

connected light switches (continued)

Step 2: Connected products

Home + Control

5 743 40

5 743 33

0 648 99

Support frame and plate selection charts **p. 594 to 603**

Used to create your connected installation, require prior installation of a gateway pack for connected installation
Zigbee Certified Product

Pack	Cat.Nos	Connected light switches (continued)
		Switch with neutral, 150 W LED, with dimmer option, wired Mechanisms supplied with cover plates, to be equipped with support frames (p. 614) and plates (p. 594-603) For local or remote ON/OFF or dimming control of lighting Can be controlled by one or several wireless light switches and/or mechanical push-buttons without neon Dimmer mode and locator/ indicator functions can be activated from the Home + Control App. Compatible with all loads: - Dimmable LEDs and CFL lamps: 150 W LED - Incandescent and halogen lamps: 150 W - ELV halogen and CFL lamps with separate ballast: 150 VA Memory level function Can be installed in place of an existing switch in a flush-mounting box depth 35 mm
		1 module
1	5 743 40	○ White
1	5 743 42	● Magnesium
1	5 743 43	● Champagne
1	5 743 41	● Soft Alu
		2 modules
1	5 743 30	○ White
1	5 743 32	● Magnesium
1	5 743 33	● Champagne
1	5 743 31	● Soft Alu
		Connected micromodule switches with neutral Used to connect lights with a ceiling box installation Can be controlled by one or more wireless light switches and/or mechanical push-buttons
		ON/OFF switch 100 W LED, wired
1	5 742 43	Compatible with all loads: - LEDs and CFL lamps: 100 W LED - Incandescent and halogen lamps: 300 W - ELV halogen and CFL lamps with separate ballast: 250 VA
		Switch with dimmer option, 150 W LED, wired For local or remote ON/OFF / dimming control of lighting Dimmer mode can be activated from the Home + Control App. Memory level function
1	0 648 99	Compatible with all loads: - dimmable LEDs and CFL lamps: 150 W LED - Incandescent and halogen lamps: 150 W - ELV halogen and CFL lamps with separate ballast: 150 VA

Arteor™ with Netatmo - International

connected socket outlets

Step 2: Connected products

Home + Control

5 742 00

5 742 00 + 5 721 04 + plate 5 752 10

0 648 89

Support frame and plate selection charts **p. 594 to 603**

Used to complete your connected installation, require prior installation of a gateway pack for connected installation
Zigbee Certified Product

Pack	Cat.Nos	Connected socket outlet module - 16 A - 230 V~ - 3680 W, 1 module
		Mechanisms supplied with cover plates, to be equipped with support frames (p. 614) and plates (p. 594-603) Allows to create a connected socket outlet for integration into the connected installation To be wired to a traditional socket outlet Connected socket outlets can be controlled by one or several wireless light switches Remote control via the Home + Control App. Compatible with any electrical appliance or large household appliance Connected socket outlets allow to - remotely control electrical appliances - measure instantaneous power - monitor daily and monthly consumption - send notifications in case of abnormal use (overconsumption etc.) Can be installed in place of an existing socket outlet in a flush-mounting box min. depth 40 mm Indicator LED function can be activated from the Home + Control App.
1	5 742 00	○ White
1	5 742 28	● Magnesium
1	5 742 37	● Champagne
1	5 742 19	● Soft Alu
		Connected mobile socket outlets Conform to IEC 60884-2-5 and IEC 60669-2-5 To be plugged directly into an existing socket outlet For control of lights, electrical appliances and large household appliances Can be controlled by one or several wireless light switches - ON/OFF indicator LED function Connected mobile socket outlets allow to - remotely control electrical appliances - measure instantaneous power - monitor daily and monthly consumption - send notifications in case of abnormal use (overconsumption etc.) Indicator LED function can be activated from the Home + Control App.
1	0 648 89	13 A British standard connected mobile socket outlet - 3000 W ● Magnesium
1	5 742 54	16 A German standard connected mobile socket outlet - 3680 W ● Magnesium

Red catalogue numbers: New products

Arteor™ with Netatmo - International

connected socket outlets

Step 2: Connected products

Home + Control

5 742 57 + plate 5 713 03

5 742 66

Plate selection charts **p. 594 to 603**

Used to create your connected installation, require prior installation of a gateway pack for connected installation
Zigbee Certified Product

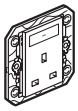
Pack	Cat.Nos	Connected British standard socket outlets, 13 A - 250 V, switched, single pole

Compact mechanism (22 mm deep)
Shuttered for child safety
Protected against overloads
Conform to BS 1363 Part-2 and IEC 60669-2-5
Socket outlets can be controlled by one or several wireless light switches
Remote control via the Home + Control App.
Compatible with any electrical appliance or large household appliance
Connected socket outlets allow to:
- remotely control electrical appliances
- measure instantaneous power
- monitor daily and monthly consumption
- send notifications in case of abnormal use (overconsumption etc.)

Can be installed in place of an existing socket outlet in a flush-mounting box min. depth 35 mm
Indicator LED function can be activated from the Home + Control App.

2P+E switched - 1-gang

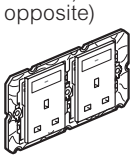
Mechanisms supplied with cover plates and support frames, to be equipped with British standard plates, 3 modules, 1-gang (see opposite)



Pack	Cat.Nos	
1	5 742 56	White
1	5 742 58	Magnesium
1	5 742 59	Champagne
1	5 742 57	Soft Alu

2P+E switched - 2-gang

Mechanisms supplied with cover plates and support frames, to be equipped with special plates (see opposite)



Pack	Cat.Nos	
1	5 742 66	White
1	5 742 68	Magnesium
1	5 742 69	Champagne
1	5 742 67	Soft Alu

Arteor™

plates for connected socket outlets

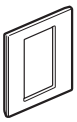
5 713 03

5 712 14

Plate selection charts **p. 594 to 603**

Pack	Cat.Nos	British standard plates - 3 modules - 1-gang

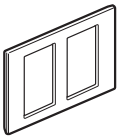
Suitable for 1-gang 2P+E connected British standard socket outlets



Pack	Cat.Nos	
5	5 751 60	White
5	5 713 03	Soft Alu
5	5 751 62	Graphite
5	5 713 13	Magnesium
5	5 713 23	Champagne
5	5 713 33	Dark Bronze
1	5 751 64	Mirror White
1	5 751 63	Mirror Black
1	5 751 66	Brushed Metal - Stainless Steel
1	5 761 80	Brushed Metal - Gold Brass
1	5 713 53	Brushed Metal - Pink Champagne
1	5 713 43	Brushed Metal - Black
1	5 713 63	Reflective Metal - Stainless Steel
1	5 713 83	Reflective Metal - Black
1	5 713 73	Reflective Metal - Gold
1	5 713 93	Wood - Grey Oak
1	5 714 03	Signature - Cube

Pack	Cat.Nos	British standard plates - 2x3 modules - 2-gang

Special plates for 2-gang connected British standard socket outlets



Pack	Cat.Nos	
1	5 712 10	White
1	5 712 11	Soft Alu
1	5 712 12	Graphite
1	5 712 13	Magnesium
1	5 712 14	Champagne
1	5 712 15	Dark Bronze
1	5 712 16	Mirror White
1	5 712 17	Mirror Black
1	5 712 18	Brushed Metal - Stainless Steel
1	5 712 19	Brushed Metal - Gold Brass
1	5 712 20	Brushed Metal - Pink Champagne
1	5 712 21	Brushed Metal - Black
1	5 712 22	Reflective Metal - Stainless Steel
1	5 712 23	Reflective Metal - Black
1	5 712 24	Reflective Metal - Gold
1	5 712 25	Wood - Grey Oak
1	5 712 26	Signature - Cube

Arteor™ with Netatmo - International

connected cable outlet, connected 4-step fan regulator

Step 2: Connected products

Home + Control

0 648 79

5 742 48

Used to complete your connected installation, require prior installation of a gateway pack for connected installation
Zigbee Certified Product

Pack	Cat.Nos	Connected cable outlet
		Conform to IEC 60669-2-1 Enables remote control of electrical devices Wiring compatible with pilot wire Can be controlled by one or several wireless light switches 3000 W max. (protected against overloads) Functions: - ON/OFF, pilot wire management - instantaneous power measurement and daily/ monthly consumption monitoring with configurable sending of notifications (defect, consumption, etc.) Supplied with mounting support, cover plate and worksite protection Multi-gang fixing not possible
1	0 648 79	○ White
1	0 648 83	● Magnesium
1	0 648 82	● Champagne
1	0 648 98	● Soft Alu

Pack	Cat.Nos	Connected 4-step fan regulator with neutral 100 W - 230 V~
		Mechanisms supplied with cover plates, to be equipped with support frames (p. 614) and plates (p. 594-603) For local or remote control via the Home + Control App. and voice assistants Can be controlled by one or several wireless fan switches (p. 613) Compatible with all asynchronous fan engines AC 230 V~ 100 W maximum Not compatible with DC fan engines Can be installed in place of an existing fan control in a flush-mounting box min. depth 40 mm Neutral required LED indicators to visualize the fan speed 2 modules
1	5 742 48	○ White
1	5 742 50	● Magnesium
1	5 742 51	● Champagne
1	5 742 49	● Soft Alu

Arteor™ with Netatmo - International

connected curtain/roller blind switches

Step 2: Connected products

Home + Control

5 742 04

0 676 96

Support frame and plate selection charts **p. 594 to 603**

Used to complete your connected installation, require prior installation of a gateway pack for connected installation
Zigbee Certified Product

Pack	Cat.Nos	Connected curtain/roller blind switch 500 VA
		Mechanisms supplied with cover plates, to be equipped with support frames (p. 614) and plates (p. 594-603) For local and remote control of a 230 V~ roller blind (raise/lower/stop functions and level management) Compatible with roller blinds with mechanical or electronic stop, not compatible with radio-controlled roller blinds Can be paired with one or more roller blind wireless switches Can be installed in place of an existing roller blind switch in a flush-mounting box depth 35 mm 1 module - with neutral
1	5 742 04	○ White
1	5 742 22	● Magnesium
1	5 742 31	● Champagne
1	5 742 13	● Soft Alu

Pack	Cat.Nos	Connected curtain/roller blind micromodule 500 VA - IP 44
1	0 676 97	 For local and remote control of a 230 V~ roller blind (raise/lower/stop functions and level management) Compatible with roller blinds with mechanical or electronic stop, not compatible with radio-controlled roller blinds Can be paired with one or more roller blind wireless switches To be installed in the ceiling box or roller blind box to connect a new or existing roller blind

Pack	Cat.Nos	Connected module for garage door and gate (dry contact)
1	0 676 96	 Enables open/close control of a garage door or gate, locally, remotely or via voice assistant Status display (open/closed/ level) in the Home + Control App. Can be controlled using a curtain/roller blind wireless control (p. 612) or a wireless scene control (e.g. Cat.No 0 676 95 p. 612) Supplied with 2 wired position sensors Can be installed in an IP 55 Plexo box 80 x 80 mm or larger and in parallel of an existing mechanical push-button Fitted with 2 removable fixing points Compatible with any garage door and gate engine equipped with a dry contact entry for mechanical push-button

Arteor™ with Netatmo - International

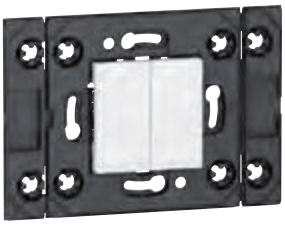
connected wireless light controls

Step 2: Connected products

Home + Control

5 742 05

5 742 52


5 742 89

5 744 24

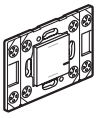
Support frame and plate selection charts **p. 594 to 603**

Used to complete your connected installation, require prior installation of a gateway pack for connected installation. Zigbee Certified Product

Wireless light switches

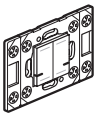
Used to add an extra control for wired switches, micromodules, socket outlets and cable outlets
Easy pairing by tapping the wired product or by using the Home + Control App. Supplied with CR2032 3 V long-life battery for power supply
LED function for low battery indication

Surface-mounting version, 1-gang
Supplied with cover plate, multi-standard support frame (with removable fins) and removable stickers for fixing the control unit on any substrate
To be equipped with 2-module plates (p. 594-603)
Controls up to 20 wired products



Pack	Cat.Nos	
1	5 742 05	White
1	5 742 23	Magnesium
1	5 742 32	Champagne
1	5 742 14	Soft Alu

Surface-mounting version, 2-gang
Supplied with cover plate, multi-standard support frame (with removable fins) and removable stickers for fixing the control unit on any substrate
To be equipped with 2-module plates (p. 594-603)
Controls up to 2x20 wired products

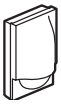


Pack	Cat.Nos	
1	5 742 44	White
1	5 742 46	Magnesium
1	5 742 47	Champagne
1	5 742 45	Soft Alu

Flush-mounting version, 1 module
Mechanism supplied with cover plate, to be equipped with support frames (p. 614) and plates (p. 594-603)
Can be installed in a flush-mounting box depth 35 mm
Allows aesthetic consistency for modular installation
Controls up to 20 wired products

Pack	Cat.Nos	
1	5 742 91	White
1	5 742 76	Magnesium
1	5 743 26	Champagne
1	5 742 75	Soft Alu

Wireless motion sensor IP 44



Pack	Cat.Nos	
1	5 742 52	

Allows to control up to 20 wired switches, micromodules, socket outlets and cable outlets
Easy pairing by tapping the wired products or by using the Home + Control App. Supplied with 2 x AA battery. For indoor and outdoor use
Recommended distance between 2 sensors: 6 m
Recommended installation height: 2.5 m
Time delay adjustable from 15 s to 15 min
Range: 8 m. Detection angle: 140°
Sensor range adjustable from 2 m to 8 m
Light level threshold adjustable from 1 to 1000 lux

Wireless switch ON/OFF module

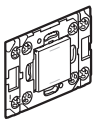
Pack	Cat.Nos	
1	0 676 94	

Allows to transform a mechanical 2-way switch or push-button into a wireless ON/OFF switch. Small size for easy integration into the wall box. To be paired with one connected switch, micromodule, socket outlet. Supplied with CR2032 3 V long-life battery for power supply

Wireless batteryless light switches

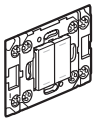
Extra-slim, maintenance-free device without any battery
Used to add an extra control for wired switches, micromodules, socket outlets and cable outlets
Energy harvesting mechanism that generates by itself the energy required for the switching process
Qualified for 1 million cycles. Smooth and silent switching. Easy pairing by tapping the wired product (switches, micromodules, socket outlets) or by using the Home + Control App.
Supplied with cover plate, multi-standard support frame (with removable fins) and removable stickers for fixing the control unit on any substrate
To be equipped with 2-module plates (p. 594-603)

1-gang
Controls up to 20 wired products



Pack	Cat.Nos	
1	5 742 39	White
1	5 743 24	Magnesium
1	5 742 55	Champagne
1	5 742 10	Soft Alu

2-gang
Controls up to 2x20 wired products

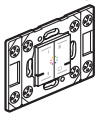


Pack	Cat.Nos	
1	5 742 89	White
1	5 743 25	Magnesium
1	5 748 38	Champagne
1	5 742 96	Soft Alu

Wireless switches for multicolour lighting

Allow to directly control up to 20 Zigbee 3.0 compatible multi-colour lighting (e.g. Ledvance Smart+ Zigbee, Philips Hue...). To be associated with the lighting in the Home + Control App. Allow ON/OFF and dimming control of 3 light moods which have to be preset in the Home + Control App.
Supplied with CR2032 3 V long-life battery for power supply. LED function for low battery indication
Not compatible with Wi-Fi lighting

Surface-mounting version, 2-gang
Supplied with cover plate, multi-standard support frame (with removable fins) and removable stickers for fixing the control unit on any substrate
To be equipped with 2-module plates (p. 594-603)



Pack	Cat.Nos	
1	5 744 34	White
1	5 744 35	Magnesium
1	5 744 36	Champagne
1	5 744 37	Soft Alu

Flush-mounting version, 1 module
Mechanism supplied with cover plate, to be equipped with support frames (p. 614) and plates (p. 594-603)
Can be installed in a flush-mounting box depth 35 mm
Allows aesthetic consistency for modular installation

Pack	Cat.Nos	
1	5 744 24	White
1	5 744 25	Magnesium
1	5 744 26	Champagne
1	5 744 27	Soft Alu

Red catalogue numbers: New products

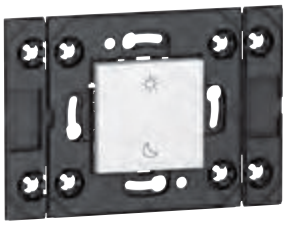
Arteor™ with Netatmo - International

connected wireless scene switches

Step 2: Connected products

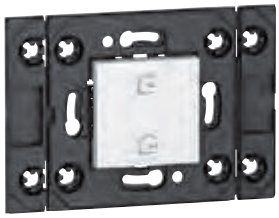
Home + Control

5 742 08



5 742 87

5 742 70



5 744 30

Support frame and plate selection charts **p. 594 to 603**

Used to complete your connected installation, require prior installation of a gateway pack for connected installation
Zigbee Certified Product

Pack	Cat.Nos	Wake up/Sleep wireless switches
		Used to add 2 extra scenes to a connected installation Preset Wake up/Sleep life scenes which can be customised in the Home + Control App. Supplied with CR2032 3 V long-life battery for power supply LED function for low battery indication
		Surface-mounting version, 1-gang Supplied with cover plate, multi-standard support frame (with removable fins) and removable stickers for fixing the control unit on any substrate To be equipped with 2-module plates (p. 594-603)
1	5 742 08	○ White
1	5 742 26	● Magnesium
1	5 742 35	● Champagne
1	5 742 17	● Soft Alu
		Flush-mounting version, 1 module Mechanism supplied with cover plate, to be equipped with support frames (p. 614) and plates (p. 594-603) Can be installed in a flush-mounting box depth 35 mm Allows aesthetic consistency for modular installation
1	5 742 73	○ White
1	5 742 90	● Magnesium
1	5 743 28	● Champagne
1	5 742 98	● Soft Alu

Pack	Cat.Nos	Wake up/Sleep wireless batteryless switch
		Extra-slim, maintenance-free device without any battery Used to add 2 extra scenes to a connected installation Energy harvesting mechanism that generates by itself the energy required for the switching process Qualified for 1 million cycles Smooth and silent switching Preset Wake up/Sleep life scenes which can be customised in the Home + Control App.
		1-gang Supplied with cover plate, multi-standard support frame (with removable fins) and removable stickers for fixing the control unit on any substrate To be equipped with 2-module plates (p. 594-603)
1	5 742 87	○ White
1	5 743 22	● Magnesium
1	5 748 36	● Champagne
1	5 742 93	● Soft Alu

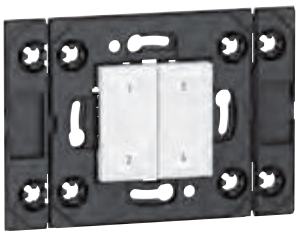
Pack	Cat.Nos	Home/Away wireless master switches
		Used to add an extra Home/Away wireless master switch Work in the same way as the Home/Away wireless master switch included in the gateway pack Home/Away life scenes can be customised in the Home + Control App. Supplied with CR2032 3 V long-life battery for power supply LED function for low battery indication
		Surface-mounting version, 1-gang Supplied with cover plate, multi-standard support frame (with removable fins) and removable stickers for fixing the control unit on any substrate To be equipped with 2-module plates (p. 594-603)
1	5 742 06	○ White
1	5 742 24	● Magnesium
1	5 742 33	● Champagne
1	5 742 15	● Soft Alu
		Flush-mounting version, 1 module Mechanism supplied with cover plate, to be equipped with support frames (p. 614) and plates (p. 594-603) Can be installed in a flush-mounting box depth 35 mm Allows aesthetic consistency for modular installation
1	5 742 70	○ White
1	5 742 79	● Magnesium
1	5 743 27	● Champagne
1	5 742 97	● Soft Alu

Pack	Cat.Nos	Home/Away wireless batteryless master switch
		Extra-slim, maintenance-free device without any battery Used to add an extra Home/Away wireless master switch Work in the same way as the Home/Away wireless master switch included in the gateway pack Energy harvesting mechanism that generates by itself the energy required for the switching process Qualified for 1 million cycles Smooth and silent switching Home/Away life scenes can be customised in the Home + Control App.
		1-gang Supplied with cover plate, multi-standard support frame (with removable fins) and removable stickers for fixing the control unit on any substrate To be equipped with 2-module plates (p. 594-603)
1	5 744 30	○ White
1	5 744 31	● Magnesium
1	5 744 32	● Champagne
1	5 744 33	● Soft Alu

Red catalogue numbers: New products

Step 2: Connected products

Home + Control



5 744 40

5 742 25

5 742 74

5 744 20

Support frame and plate selection charts **p. 594 to 603**

Used to complete your connected installation, require prior installation of a gateway pack for connected installation
Zigbee Certified Product

Pack	Cat.Nos	4 scenes wireless switches
		Used to add 4 customised scenes to a connected installation Scenes can be customised in the Home + Control App. Possibility to assign personalized names and to associate icons to the scenes in the Home + Control App. Supplied with CR2032 3 V long-life battery for power supply **Surface-mounting version, 2-gang** Supplied with cover plate, multi-standard support frame (with removable fins) and removable stickers for fixing the control unit on any substrate To be equipped with 2-module plates (p. 594 to 603) LED function for low battery indication
1	5 743 12	○ White
1	5 743 14	● Magnesium
1	5 743 15	● Champagne
1	5 743 13	● Soft Alu
		Pocket remote control
1	0 676 95	Can be attached to a keyring ● Magnesium

		4 scenes wireless batteryless switch
		Extra-slim, maintenance-free device without any battery Used to add 4 customised scenes to a connected installation Energy harvesting mechanism that generates by itself the energy required for the switching process Qualified for 1 million cycles Smooth and silent switching Scenes can be customised in the Home + Control App. Possibility to assign personalized names and to associate icons to the scenes in the Home + Control App. **2-gang** Supplied with cover plate, multi-standard support frame (with removable fins) and removable stickers for fixing the control unit on any substrate To be equipped with 2-module plates (p. 594 to 603)
1	5 744 40	○ White
1	5 744 41	● Magnesium
1	5 744 42	● Champagne
1	5 744 43	● Soft Alu

Pack	Cat.Nos	Curtain/roller blind wireless switches
		Used for remote control or centralization of up to 20 wired roller blind switches Pair by tapping the selected roller blind switch(es) or by using the Home + Control App. Supplied with CR2032 3 V long-life battery for power supply LED function for low battery indication **Surface-mounting version, 1-gang** Supplied with cover plate, multi-standard support frame (with removable fins) and removable stickers for fixing the control unit on any substrate To be equipped with 2-module plates (p. 594 to 603)
1	5 742 07	○ White
1	5 742 25	● Magnesium
1	5 742 34	● Champagne
1	5 742 16	● Soft Alu
		Flush-mounting version, 1 module Mechanism supplied with cover plate, to be equipped with support frames and plates (p. 594 to 603) Can be installed in a flush-mounting box depth 35 mm Allows aesthetic consistency for modular installation
1	5 742 74	○ White
1	5 742 95	● Magnesium
1	5 743 29	● Champagne
1	5 742 99	● Soft Alu

		Curtain/roller blind wireless batteryless switch
		Extra-slim, maintenance-free device without any battery Used for remote control or centralization of up to 20 wired roller blind switches Energy harvesting mechanism that generates by itself the energy required for the switching process Qualified for 1 million cycles Smooth and silent switching Pair by tapping the selected roller blind switch(es) or by using the Home + Control App. **2-gang** Supplied with cover plate, multi-standard support frame (with removable fins) and removable stickers for fixing the control unit on any substrate To be equipped with 2-module plates (p. 594 to 603)
1	5 744 20	○ White
1	5 744 21	● Magnesium
1	5 744 22	● Champagne
1	5 744 23	● Soft Alu

		Accessory
1	0 648 71	Pack of 3 x 4 extra removable stickers for fixing a wireless control

Red catalogue numbers: New products

Arteor™ with Netatmo - International

connected wireless fan controller

Step 2: Connected products

Home + Control

5 753 48

Support frame and plate selection charts **p. 594-603**

Used to complete your connected installation, require prior installation of a gateway pack for connected installation
Zigbee Certified Product

Pack	Cat.Nos	**Wireless fan controller, flush-mounting version**
		Used to add an extra control point without wiring Controls up to 20 wired fan step regulators (p. 609) Pair by tapping the selected fan step regulator or by using the Home + Control App. Supplied with CR2032 3 V long-life battery for power supply LED function for low battery indication Can be installed in a flush-mounting box depth 35 mm Allows aesthetic consistency for modular installation 1 module
1	5 753 48	○ White
1	5 753 49	● Magnesium
1	5 753 50	● Champagne
1	5 753 51	● Soft Alu

Arteor™

blank modules

5 728 41

5 700 60

Support frame and plate selection charts **p. 594-603**

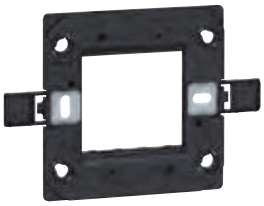
Pack	Cat.Nos	**Blank modules**
		1 module
10	5 723 41	○ White
10	5 728 41	● Magnesium
10	5 700 60	● Champagne
10	5 710 60	● Soft Alu
		2 modules
10	5 723 42	○ White
10	5 728 42	● Magnesium
10	5 700 61	● Champagne
10	5 710 61	● Soft Alu
		3 modules
5	5 723 43	○ White
5	5 728 43	● Magnesium
5	5 728 20	● Champagne
5	5 728 19	● Soft Alu

Connected 4-step fan regulator, **p. 609**

Red catalogue numbers: New products

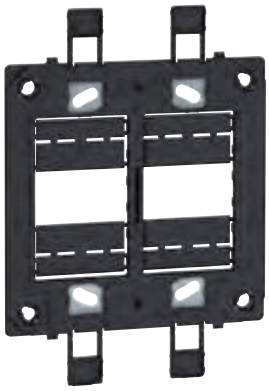
Arteor™

international support frames


5 760 03

5 760 01

5 760 30


5 760 32

5 760 21

5 760 00

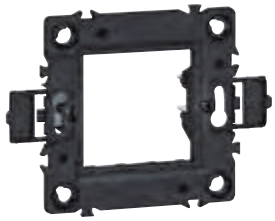

5 760 20

Plate selection charts **p. 594-603**

Pack	Cat.Nos	Support frames for BS type boxes 60.3 mm fixing centres
		Screw mounting (screws supplied)
		For 1-gang box
10	5 760 03	Square - for 1 or 2 modules
5	5 760 01	Square - for 3 modules
		For 2-gang box
10	5 760 02	Rectangular - for 3 modules
10	5 760 00	Rectangular - for 2 x 2 modules

Pack	Cat.Nos	Support frames for US and South African type boxes 83.5 mm fixing centres
		Screw mounting
		For 2" x 4" boxes
10	5 760 30	For 2 modules (electronic functions except 2-module mechanisms to be mounted on 3-module support frame)
10	5 760 40	For 1 to 3 modules
		For 4" x 4" boxes
5	5 760 31	For 2, 3 and 4 modules
5	5 760 32	For 2 x 3 modules

Pack	Cat.Nos	Support frames for German and French type boxes
		Screw mounting
10	5 760 21	For 1 or 2 modules
5	5 760 11	For 4 modules
5	5 760 12	For 6 modules Horizontal mounting
2	5 760 22	For 2 x 6 modules Horizontal mounting
		Claw mounting
5	5 760 20	For 1 or 2 modules

Pack	Cat.Nos	Support frame for Italian type boxes 83.5 mm fixing centres
		Screw mounting
10	5 760 40	For 1 to 3 modules

ARTEOR™ WITH NETATMO

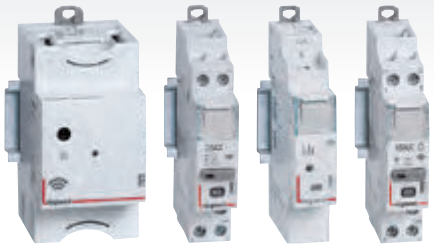
Combine connected wired with wireless products

PRODUCT COMBINATIONS	WIRED PRODUCTS			
	Lighting ▪ Connected light switches with/without dimmer option ▪ Connected micromodule switch with/without dimmer option ▪ CX³ with Netatmo connected latching relay	**Energy Control & Management** ▪ Connected socket outlets ▪ Connected cable outlet ▪ CX³ with Netatmo connected contactor	**Openings** ▪ Connected curtain/ roller blind switch ▪ Connected curtain/ roller blind micromodule ▪ Connected module for garage door and gate (dry contact)	**Fan** ▪ Connected 4-step fan regulator
WIRELESS PRODUCTS				
Lighting ▪ Wireless light switches ▪ Wireless motion sensor	●	●		
Openings ▪ Wireless curtain/ roller blind switch			●	
Fan ▪ Wireless fan controller				●
Scenes ▪ Home/Away wireless master switches ▪ Wake up/Sleep wireless switches ▪ 4 scenes wireless switches	●	●	●	●

Find out more about Legrand Smart Home solutions

With our smart electrical panel solutions and the Home + Control App., you have the benefit of a complete system for controlling your electrical installation.

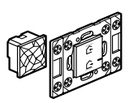
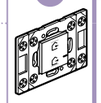
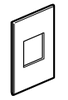
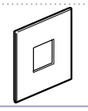
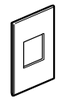
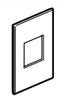
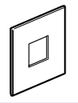
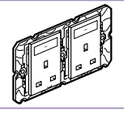
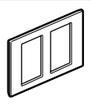
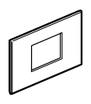
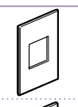
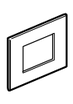
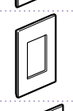
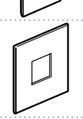
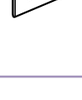
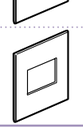
See p. 112 to 113



Home + Control App.

Arteor™ with Netatmo - International

combination examples

FUNCTION					BRITISH STANDARD Flush-mounting box	Support frame	Plate (see selection chart p. 594 to 597)		ITALIAN / US STANDARD Flush-mounting box	Support frame	Plate (see selection chart p. 598 to 599)		AMERICAN / SOUTH AFRICAN STANDARD Flush-mounting box	Support frame	Plate (see selection chart p. 600 to 601)		GERMAN / FRENCH STANDARD Flush-mounting box	Surface-mounting box	Support frame	Plate (see selection chart p. 602 to 603)	
	Connected gateway kit consisting of a flush-mounting Zigbee Wi-Fi gateway and a wireless Home/Away master switch	5 742 09	○ White	+ 	1-gang	5 760 03	2 modules		2" x 4"	5 760 40	2 modules		2" x 4"	5 760 40	2 modules		For dry partitions 0 800 21 0 800 41 For masonry 0 801 41 0 801 08	5 723 90	5 760 21 (screws) 5 760 20 (claws)	2 modules	
		5 742 27	● Magnesium										4" x 4"	5 760 31	2 modules						
		5 742 36	○ Champagne																		
		5 742 18	○ Soft Alu		not possible	supplied	2 modules[2]		not possible	supplied	2 modules		not possible	supplied	2 modules		not possible	-	supplied	2 modules[2]	
CONNECTED LIGHT SWITCHES																					
	Switch with neutral 100 W LED 1 module[1]	5 742 01	○ White		1-gang	5 760 03	1 module		2" x 4"	5 760 40	1 module		2" x 4"	5 760 30	1 vertical module		For dry partitions 0 800 21 0 800 41 For masonry 0 801 41 0 801 08	-	5 760 21 (screws) 5 760 20 (claws)	1 module	
		5 742 20	● Magnesium																		
		5 742 29	○ Champagne																		
		5 742 11	○ Soft Alu																		
	Switch with neutral, 150 W LED, with dimmer option 1 module[1]	5 743 40	○ White											5 760 40	1 horizontal module							
		5 743 42	● Magnesium																		
		5 743 43	○ Champagne																		
		5 743 41	○ Soft Alu																		
	Switch with neutral, 150 W LED, with dimmer option 2 modules[1]	5 743 30	○ White		1-gang	5 760 03	2 modules		2" x 4"	5 760 40	2 modules		2" x 4"	5 760 40	2 modules		For dry partitions 0 800 21 0 800 41 For masonry 0 801 41 0 801 08	5 723 90	5 760 21 (screws) 5 760 20 (claws)	2 modules	
		5 743 32	● Magnesium																		
		5 743 33	○ Champagne																		
		5 743 31	○ Soft Alu																		
	Switch without neutral, 125 W LED, with dimmer option 2 modules[1]	5 742 02A	○ White										4" x 4"	5 760 31	2 modules						
		5 742 21A	● Magnesium																		
		5 742 30A	○ Champagne																		
		5 742 12A	○ Soft Alu																		
CONNECTED OUTLETS																					
	2P+E switched British standard socket outlet 13 A - 250 V 1-gang	5 742 56	○ White		1-gang	supplied	3 modules, 1-gang		-	-	-	-	-	-	-	-	-	-	-	-	-
		5 742 58	● Magnesium																		
		5 742 59	○ Champagne																		
		5 742 57	○ Soft Alu																		
	2P+E switched British standard socket outlets 13 A - 250 V 2-gang	5 742 66	○ White		2-gang	supplied	for BS connected 2-gang socket outlets		-	-	-	-	-	-	-	-	-	-	-	-	-
		5 742 68	● Magnesium																		
		5 742 69	○ Champagne																		
		5 742 67	○ Soft Alu																		
	Socket outlet module 16 A - 230 V~ 1 module	5 742 00	○ White		2-gang	5 760 02	3 modules		2" x 4"	5 760 40	2 modules		2" x 4"	5 760 40	2 modules		For dry partitions 0 800 49 For masonry 0 801 49	-	5 760 40	3 modules	
		5 742 28	● Magnesium							5 760 40	3 modules			5 760 40	3 modules						
		5 742 37	○ Champagne						4" x 4"	5 760 31	2 modules										
		5 742 19	○ Soft Alu							5 760 40	3 modules			5 760 31	3 modules						

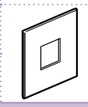
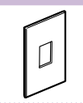
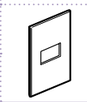
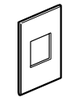
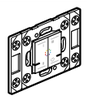
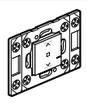
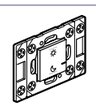
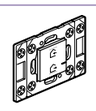
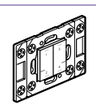
1: Can be mounted in larger plates when combined with other mechanisms, plate size depending on the total number of modules
2: Fins to be removed from the support frame for mounting on British or German standard plates

Red catalogue numbers: New products

legrand

Arteor™ with Netatmo - International

combination examples (continued)

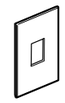
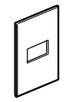
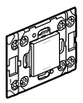
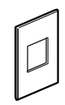
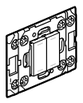
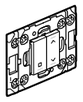
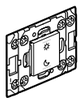
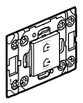
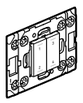
FUNCTION				BRITISH STANDARD					ITALIAN / US STANDARD				AMERICAN / SOUTH AFRICAN STANDARD				GERMAN / FRENCH STANDARD				
				Flush-mounting box	Support frame	Plate (see selection chart p. 594 to 595)			Flush-mounting box	Support frame	Plate (see selection chart p. 598 to 599)		Flush-mounting box	Support frame	Plate (see selection chart p. 600 to 601)		Flush-mounting box	Surface-mounting box	Support frame	Plate (see selection chart p. 602 to 603)	
CONNECTED 4-STEP FAN REGULATOR																					
	Connected 4-step fan regulator with neutral 2 modules[1]	5 742 48	White	1-gang	5 760 03	2 modules			2" x 4"	5 760 40	2 modules		2" x 4"	5 760 40	2 modules		For dry partitions 0 800 21 0 800 41	5 723 90	5 760 21 (screws) 5 760 20 (claws)	2 modules	
		5 742 50	Magnesium																		
		5 742 51	Champagne										4" x 4"	5 760 31	2 modules		For masonry 0 801 41 0 801 08				
		5 742 49	Soft Alu																		
CONNECTED CURTAIN/ROLLER BLIND SWITCHES																					
	Curtain/roller blind switch 1 module[1]	5 742 04	White	1-gang	5 760 03	1 module			2" x 4"	5 760 40	1 module		2" x 4"	5 760 30	1 vertical module		For dry partitions 0 800 21 0 800 41	-	5 760 21 (screws) 5 760 20 (claws)	1 module	
		5 742 22	Magnesium																		
		5 742 31	Champagne											5 760 40	1 horizontal module		For masonry 0 801 41 0 801 08				
		5 742 13	Soft Alu																		
WIRELESS SURFACE-MOUNTING SWITCHES																					
	Light switch, 2-gang	5 742 05	White	not possible	supplied	2 modules[2]			not possible	supplied	2 modules		not possible	supplied	2 modules		not possible	-	supplied	2 modules[2]	
		5 742 23	Magnesium																		
		5 742 32	Champagne																		
		5 742 14	Soft Alu																		
	Light switch, 2-gang	5 742 44	White																		
		5 742 46	Magnesium																		
		5 742 47	Champagne																		
		5 742 45	Soft Alu																		
	Switch for multi-colour lighting, 2-gang	5 744 34	White																		
		5 744 35	Magnesium																		
		5 744 36	Champagne																		
		5 744 37	Soft Alu																		
	Curtain/roller blind switch, 1-gang	5 742 07	White																		
		5 742 25	Magnesium																		
		5 742 34	Champagne																		
		5 742 16	Soft Alu																		
	Wake up/Sleep switch, 1-gang	5 742 08	White																		
		5 742 26	Magnesium																		
		5 742 35	Champagne																		
		5 742 17	Soft Alu																		
	Home/Away master switch, 1-gang	5 742 06	White																		
		5 742 24	Magnesium																		
		5 742 33	Champagne																		
		5 742 15	Soft Alu																		
	4 scenes switch, 2-gang	5 743 12	White																		
		5 743 14	Magnesium																		
		5 743 15	Champagne																		
		5 743 13	Soft Alu																		

1: Can be mounted in larger plates when combined with other mechanisms, plate size depending on the total number of modules
2: Fins to be removed from the support frame for mounting on British or German standard plates

Red catalogue numbers: New products

Arteor™ with Netatmo - International

combination examples (continued)

FUNCTION				BRITISH STANDARD					ITALIAN / US STANDARD				AMERICAN / SOUTH AFRICAN STANDARD				GERMAN / FRENCH STANDARD				
				Flush-mounting box	Support frame	Plate (see selection chart p. 594 to 595)			Flush-mounting box	Support frame	Plate (see selection chart p. 598 to 599)		Flush-mounting box	Support frame	Plate (see selection chart p. 600 to 601)		Flush-mounting box	Surface-mounting box	Support frame	Plate (see selection chart p. 602 to 603)	
WIRELESS FLUSH-MOUNTING SWITCHES																					
	Light switch, 1 module[1]	5 742 91	White	1-gang	5 760 03	1 module			2" x 4"	5 760 40	1 module		2" x 4"	5 760 30	1 vertical module		For dry partitions 0 800 21 0 800 41 For masonry 0 801 41 0 801 08	-	5 760 21 (screws) 5 760 20 (claws)	1 module	
		5 742 76	Magnesium																		
		5 743 26	Champagne																		
		5 742 75	Soft Alu																		
	Switch for multi-colour lighting 1 module[1]	5 744 24	White																		
		5 744 25	Magnesium																		
		5 744 26	Champagne																		
		5 744 27	Soft Alu																		
	Curtain/roller blind switch, 1 module[1]	5 742 74	White																		
		5 742 95	Magnesium																		
		5 743 29	Champagne																		
		5 742 99	Soft Alu																		
	Wake Up/Sleep switch, 1 module[1]	5 742 73	White																		
		5 742 90	Magnesium																		
		5 743 28	Champagne																		
		5 742 98	Soft Alu																		
	Home/Away master switch, 1 module[1]	5 742 70	White											5 760 40	1 horizontal module							
		5 742 79	Magnesium																		
		5 743 27	Champagne																		
		5 742 97	Soft Alu																		
	Fan controller 1 module[1]	5 753 48	White																		
		5 753 49	Magnesium																		
		5 753 50	Champagne																		
		5 753 51	Soft Alu																		
WIRELESS BATTERYLESS SURFACE-MOUNTING SWITCHES																					
	Light switch, 1-gang	5 742 39	White	not possible	supplied	2 modules[2]			not possible	supplied	2 modules		not possible	supplied	2 modules		not possible	-	supplied	2 modules[2]	
		5 743 24	Magnesium																		
		5 742 55	Champagne																		
		5 742 10	Soft Alu																		
	Light switch, 2-gang	5 742 89	White																		
		5 743 25	Magnesium																		
		5 748 38	Champagne																		
		5 742 96	Soft Alu																		
	Curtain/roller blind switch, 2-gang	5 744 20	White																		
		5 744 21	Magnesium																		
		5 744 22	Champagne																		
		5 744 23	Soft Alu																		
	Wake up/Sleep switch, 1-gang	5 742 87	White																		
		5 743 22	Magnesium																		
		5 748 36	Champagne																		
		5 742 93	Soft Alu																		
	Home/Away master switch, 1-gang	5 744 30	White																		
		5 744 31	Magnesium																		
		5 744 32	Champagne																		
		5 744 33	Soft Alu																		
	4-scenes switch, 2-gang	5 744 40	White																		
		5 744 41	Magnesium																		
		5 744 42	Champagne																		
		5 744 43	Soft Alu																		

1: Can be mounted in larger plates when combined with other mechanisms, plate size depending on the total number of modules
2: Fins to be removed from the support frame for mounting on British or German standard plates

Red catalogue numbers: New products

Arteor™ with Netatmo - British standard

connected gateway pack

Must be ordered for any connected installation

Step 1: Gateway pack for a connected home

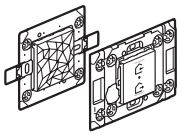
Home + Control

5 746 03

Plate selection charts **p. 594 to 595**

Used to create the radio network and the Wi-Fi connection of the connected installation
Enables remote control of your home (lighting, curtains/roller blinds, temperature and electrical appliances) using a smartphone via the Home + Control App. and/or voice control with a voice assistant
Must be ordered to start any connected installation
To be completed by adding individual connected products
2,4 GHz Wi-Fi connection required

Pack	Cat.Nos	Connected gateway pack
		Used to create the radio network and the Wi-Fi connection Composition: - 1 flush-mounted Zigbee/Wi-Fi gateway Mechanism supplied with cover plate and support frame, to be equipped with plates (p. 594 to 595) Allows the connection of the installation to the Wi-Fi network and enables control through the Home + Control App. and voice assistants (Google Assistant, Amazon Alexa, Apple Siri)(1) Can be installed in place of an existing product Suitable for flush-mounting box min. depth 35 mm - 1 Home/Away wireless master switch with preset life scenes Supplied with cover plate and multi-standard support frame (with removable fins) To be equipped with 2-module plates (p. 594 to 595) Used to create the radio network and to control life scenes. Life scenes can be customised in the Home + Control App. Supplied with CR2032 3V long-life battery for power supply and removable stickers for fixing the control unit on any substrate LED function for low battery indication
1	5 746 01	○ White
1	5 746 02	● Magnesium
1	5 746 04	● Champagne
1	5 746 03	● Soft Alu



1: Availability of voice assistants to be checked in your country

Legrand's Home + Control App. available from **Google Play and App Store**

Arteor™ with Netatmo - British standard

connected light switches

Step 2: Connected products

Home + Control

5 746 05

5 746 14

5 742 43

Plate selection charts **p. 594 to 595**

Used to create your connected installation, require prior installation of a gateway pack for connected installation
Zigbee Certified Product

Pack	Cat.Nos	Connected light switches with neutral, 150 W LED, wired
		Compact mechanism for greater wiring space Mechanisms supplied with cover plates and support frames, to be equipped with plates (p. 594 to 595) For local or remote control of lighting Can be controlled by one or more connected wireless light switches Compatible with all loads: - LEDs and CFL lamps: 150 W LED - Incandescent and halogen lamps: 500 W - ELV halogen and CFL lamps with separate ballast: 300 VA Can be installed in place of an existing switch in a flush-mounting box depth 25 mm Locator and indicator function can be activated from the Home + Control App.
		1-gang
1	5 746 05	○ White
1	5 746 06	● Magnesium
1	5 746 08	● Champagne
1	5 746 07	● Soft Alu
		2-gang
1	5 746 09	○ White
1	5 746 10	● Magnesium
1	5 746 12	● Champagne
1	5 746 11	● Soft Alu
		3-gang
1	5 746 13	○ White
1	5 746 14	● Magnesium
1	5 746 16	● Champagne
1	5 746 15	● Soft Alu
		Connected micromodule switches with neutral
		Used to connect lights with a ceiling box installation Can be controlled by one or more wireless light switches and/or mechanical push-buttons
		ON/OFF switch 100 W LED, wired
1	5 742 43	Compatible with all loads: - LEDs and CFL lamps: 100 W LED - Incandescent and halogen lamps: 300 W - ELV halogen and CFL lamps with separate ballast: 250 VA
		Switch with dimmer option, 150 W LED, wired
		For local or remote ON/OFF / dimming control of lighting Dimmer mode can be activated from the Home + Control App. Memory level function
1	0 648 99	Compatible with all loads: - dimmable LEDs and CFL lamps: 150 W LED - Incandescent and halogen lamps: 150 W - ELV halogen and CFL lamps with separate ballast: 150 VA

Red catalogue numbers: New products

Arteor™ with Netatmo - British standard

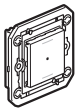
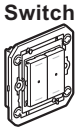
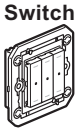
connected light switches for system integrators

5 746 23

5 746 28

Plate selection charts **p. 594 to 595**

These connected light switches can be associated only to a Zigbee 3.0 third party gateway to create their own connected home
Zigbee Certified Product

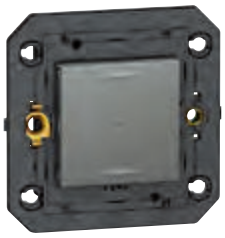
Pack	Cat.Nos	Connected light switches without neutral, 100 W LED, for system integrators
		Compact mechanism for greater wiring space Mechanisms supplied with cover plates and support frames, to be equipped with plates (p. 594 to 595) Can't be associated or activated from the Legrand Home + Control App. For local or remote control of lighting Compatible with all loads: - LEDs and CFL lamps: 15 - 100 W LED - Incandescent and halogen lamps: 15 - 500 W - ELV halogen and CFL lamps with separate ballast: 15 - 500 VA Supplied with a bleeder Can be installed in place of an existing switch in a flush-mounting box depth 25 mm
		Switch without neutral, wired, 1-gang
1	5 746 17	 ○ White
1	5 746 18	● Magnesium
1	5 746 20	● Champagne
1	5 746 19	● Soft Alu
		Switch without neutral, wired, 2-gang
1	5 746 21	 ○ White
1	5 746 22	● Magnesium
1	5 746 24	● Champagne
1	5 746 23	● Soft Alu
		Switch without neutral, wired, 3-gang
1	5 746 25	 ○ White
1	5 746 26	● Magnesium
1	5 746 28	● Champagne
1	5 746 27	● Soft Alu

Arteor™ with Netatmo - British standard

connected light switches with dimmer option

Step 2: **Connected products**

Home + Control

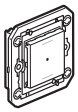
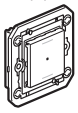


5 746 42

5 746 39

Plate selection charts **p. 594 to 595**

Used to create your connected installation, require prior installation of a gateway pack for connected installation
Zigbee Certified Product

Pack	Cat.Nos	Connected light switches with dimmer option, wired
		Compact mechanism for greater wiring space Mechanisms supplied with cover plates and support frames, to be equipped with plates (p. 594 to 595) For local or remote ON/OFF or dimming control of lighting Can be controlled by one or several connected wireless light switches or mechanical push-buttons without lamps Memory level function Can be installed in place of an existing switch in a flush-mounting box depth 25 mm Dimmer mode and locator/indicator function can be activated from the Home + Control App.
		With neutral, 150 W LED, 1-gang
		Compatible with all loads: - Dimmable LEDs and CFL lamps: 150 W LED - Incandescent and halogen lamps: 150 W - ELV halogen and CFL lamps with separate ballast: 150 VA
1	5 746 41	 ○ White
1	5 746 42	● Magnesium
1	5 746 44	● Champagne
1	5 746 43	● Soft Alu
		Without neutral, 5-125 W LED, 1-gang
		Compatible with all loads: - Dimmable LEDs and CFL lamps: 125 W LED - Incandescent and halogen lamps: 125 W - ELV halogen and CFL lamps with separate ballast: 125 VA Supplied with a bleeder
	SEPT 2023	
1	5 746 37	 ○ White
1	5 746 38	● Magnesium
1	5 746 40	● Champagne
1	5 746 39	● Soft Alu

Red catalogue numbers: New products

Arteor™ with Netatmo - British standard

connected socket outlets

Step 2: **Connected products**

Home + Control

5 742 56

5 742 68

Plate selection charts **p. 594 to 597**

Used to create your connected installation, require prior installation of a gateway pack for connected installation
Conform to BS 1363-2 and IEC 60669-2-5
Zigbee Certified Product

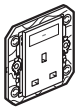
Pack	Cat.Nos	**Connected British standard socket outlets, 13 A - 250 V, switched, single pole**

Compact mechanism (22 mm deep)
Shuttered for child safety
Protected against overloads
Socket outlets can be controlled by one or several connected wireless light switches
Remote control via the Home + Control App.
Compatible with any electrical appliance or large household appliance
Connected socket outlets allow to:
- remotely control electrical appliances
- measure instantaneous power
- monitor daily and monthly consumption
- send configurable notifications in case of abnormal use (overconsumption, etc.)

Can be installed in place of an existing socket outlet in a flush-mounting box min. depth 35mm
Indicator LED function can be activated from the Home + Control App.

2P+E switched - 1-gang

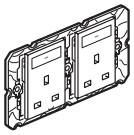
Mechanisms supplied with cover plates and support frames, to be equipped with British standard plates 3 modules, 1-gang (see opposite)



Pack	Cat.Nos	
1	5 742 56	White
1	5 742 58	Magnesium
1	5 742 59	Champagne
1	5 742 57	Soft Alu

2 x 2P+E switched - 2-gang

Mechanisms supplied with cover plates and support frames, to be equipped with special plates (see opposite)

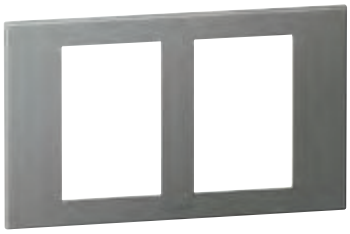


Pack	Cat.Nos	
1	5 742 66	White
1	5 742 68	Magnesium
1	5 742 69	Champagne
1	5 742 67	Soft Alu

Arteor™

plates for connected socket outlets

5 751 60

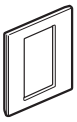


5 712 13

Plate selection charts **p. 594 to 597**

Pack	Cat.Nos	**British standard plates - 3 modules - 1-gang**

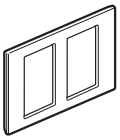
Suitable for 1-gang 2P+E connected British standard socket outlets



Pack	Cat.Nos	
5	5 751 60	White
5	5 713 03	Soft Alu
5	5 751 62	Graphite
5	5 713 13	Magnesium
5	5 713 23	Champagne
5	5 713 33	Dark Bronze
1	5 751 64	Mirror White
1	5 751 63	Mirror Black
1	5 751 66	Brushed Metal - Stainless Steel
1	5 761 80	Brushed Metal - Gold Brass
1	5 713 53	Brushed Metal - Pink Champagne
1	5 713 43	Brushed Metal - Black
1	5 713 63	Reflective Metal - Stainless Steel
1	5 713 83	Reflective Metal - Black
1	5 713 73	Reflective Metal - Gold
1	5 713 93	Wood - Grey Oak
1	5 714 03	Signature - Cube

Pack	Cat.Nos	**British standard plates - 2x3 modules - 2-gang**

Special plates for 2-gang connected British standard socket outlets



Pack	Cat.Nos	
1	5 712 10	White
1	5 712 11	Soft Alu
1	5 712 12	Graphite
1	5 712 13	Magnesium
1	5 712 14	Champagne
1	5 712 15	Dark Bronze
1	5 712 16	Mirror White
1	5 712 17	Mirror Black
1	5 712 18	Brushed Metal - Stainless Steel
1	5 712 19	Brushed Metal - Gold Brass
1	5 712 20	Brushed Metal - Pink Champagne
1	5 712 21	Brushed Metal - Black
1	5 712 22	Reflective Metal - Stainless Steel
1	5 712 23	Reflective Metal - Black
1	5 712 24	Reflective Metal - Gold
1	5 712 25	Wood - Grey Oak
1	5 712 26	Signature - Cube

Arteor™ with Netatmo - British standard

connected mobile socket outlet, connected cable outlet

Step 2: Connected products

Home + Control

0 648 89

0 648 79

Used to complete your connected installation, require prior installation of a gateway pack for connected installation
Zigbee Certified Product

Pack	Cat.Nos	
1	0 648 89	**Connected mobile socket outlet** Conform to IEC 60884-2-5 and IEC 60669-2-5 To be plugged directly into an existing socket outlet For control of lights, electrical appliances and large household appliances Can be controlled by one or several connected wireless light switches - ON/OFF indicator LED function Connected mobile socket outlets allow to - remotely control electrical appliances - measure instantaneous power - monitor daily and monthly consumption - send notifications in case of abnormal use (overconsumption etc.) Indicator LED function can be activated from the Home + Control App. 13 A British standard connected mobile socket outlet - 3000 W ● Magnesium
		Connected cable outlet Conform to IEC 60669-2-1 Enables remote control of electrical devices Wiring compatible with pilot wire Can be controlled by one or several connected wireless light switches 3000 W max. (protected against overloads) Functions: - ON/OFF, pilot wire management - instantaneous power measurement and daily/monthly consumption monitoring with configurable sending of notifications (defect, consumption, etc.) Supplied with mounting support, cover plate and worksite protection Multi-gang fixing not possible
1	0 648 79	○ White
1	0 648 83	● Magnesium
1	0 648 82	● Champagne
1	0 648 98	● Soft Alu

Arteor™ with Netatmo - British standard

connected curtain/roller blind switches

Step 2: Connected products

Home + Control

5 746 32

0 676 97

0 676 96

Plate selection charts **p. 594 to 595**

Used to complete your connected installation, require prior installation of a gateway pack for connected installation
Zigbee Certified Product

Pack	Cat.Nos	
		Connected curtain/roller blind switches with neutral Compact mechanism for greater wiring space Mechanisms supplied with cover plates and support frames, to be equipped with plates (p. 594 to 595) For local or remote control of a 230 V~ roller blind (raise/lower/stop functions and level management) Compatible with roller blinds with mechanical or electronic stop, not compatible with radio-controlled roller blinds. Can be paired with one or more connected curtain/roller blind wireless switches. Locator function can be activated from the Home + Control App. Can be installed in place of an existing roller blind switch in a flush-mounting box depth 25 mm **1-gang - 500 VA**
1	5 746 29	○ White
1	5 746 30	● Magnesium
1	5 746 32	● Champagne
1	5 746 31	● Soft Alu
		2-gang - 2 x 500 VA
1	5 746 33	○ White
1	5 746 34	● Magnesium
1	5 746 36	● Champagne
1	5 746 35	● Soft Alu
1	0 676 97	**Connected curtain/roller blind micromodule 500 VA - IP 44** For local and remote control of a 230 V~ roller blind (raise/lower/stop functions and level management) Compatible with roller blinds with mechanical or electronic stop, not compatible with radio-controlled roller blinds Can be paired with one or more roller blind wireless switches To be installed in the ceiling box or roller blind box to connect a new or existing roller blind
1	0 676 96	**Connected module for garage door and gate (dry contact)** Enables open/close control of a garage door or gate, locally, remotely or via voice assistant Status display (open/closed/level) in the Home + Control App. Can be controlled by using a curtain/roller blind wireless control (p. 629) or a wireless scene control (e.g. Cat.No 0 676 95 p. 628) Supplied with 2 wired position sensors Can be installed in an IP 55 Plexo box 80 x 80 mm or larger and in parallel of an existing mechanical push-button Fitted with 2 removable fixing points Compatible with any garage door and gate engine equipped with a dry contact entry for mechanical push-button

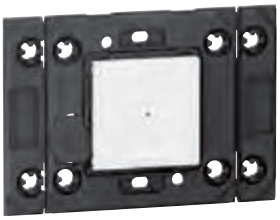
Red catalogue numbers: New products

Arteor™ with Netatmo - British standard

connected wireless light controls

Step 2: Connected products

Home + Control


5 746 63

5 746 73

5 743 25

5 744 34

Plate selection charts **p. 594 to 603**

Used to complete your connected installation, require prior installation of a gateway pack for connected installation
Zigbee Certified Product

Pack	Cat.Nos	Wireless light switches
		Used to add an extra control for wired switches, micromodules, socket outlets, cable outlets Easy pairing by tapping the wired product or by using the Home + Control App. Supplied with CR2032 3V long-life battery for power supply Easy access to the battery for maintenance LED function for low battery indication Supplied with cover plate, multi-standard support frame (with removable fins) and removable stickers for fixing the control unit on any substrate To be equipped with 2-module plates (p. 594 to 603)
		1-gang Controls up to 20 wired products
1	5 746 63	○ White
1	5 746 64	● Magnesium
1	5 746 66	● Champagne
1	5 746 65	● Soft Alu
		2-gang Controls up to 2x20 wired products
1	5 746 67	○ White
1	5 746 68	● Magnesium
1	5 746 70	● Champagne
1	5 746 69	● Soft Alu
		3-gang Controls up to 3x20 wired products
1	5 746 71	○ White
1	5 746 72	● Magnesium
1	5 746 74	● Champagne
1	5 746 73	● Soft Alu

Pack	Cat.Nos	Wireless batteryless light switches
		Extra-slim, maintenance-free device without any battery Used to add an extra control for wired switches, micromodules, socket outlets and cable outlets Energy harvesting mechanism that generates by itself the energy required for the switching process Qualified for 1 million cycles Smooth and silent switching Easy pairing by tapping the wired product (switches, micromodules, socket outlets) or by using the Home + Control App. Supplied with cover plate, multi-standard support frame (with removable fins) and removable stickers for fixing the control unit on any substrate To be equipped with 2-module plates (p. 594 to 603)
		1-gang Controls up to 20 wired products
1	5 742 39	○ White
1	5 743 24	● Magnesium
1	5 742 55	● Champagne
1	5 742 10	● Soft Alu
		2-gang Controls up to 2x20 wired products
1	5 742 89	○ White
1	5 743 25	● Magnesium
1	5 748 38	● Champagne
1	5 742 96	● Soft Alu

Pack	Cat.Nos	Wireless switches for multicolour lighting
		Allow to directly control up to 20 Zigbee 3.0 compatible multi-colour lighting (e.g. Ledvance Smart+ Zigbee, Philips Hue…) To be associated with the lighting in the Home + Control App. Allow ON/OFF and dimming control of 3 light moods which have to be preset in the Home + Control App. Supplied with CR2032 3 V long-life battery for power supply LED function for low battery indication Not compatible with Wi-Fi lighting
		Surface-mounting version, 2-gang Supplied with cover plate, multi-standard support frame (with removable fins) and removable stickers for fixing the control unit on any substrate To be equipped with 2-module plates (p. 594 to 603)
1	5 744 34	○ White
1	5 744 35	● Magnesium
1	5 744 36	● Champagne
1	5 744 37	● Soft Alu

Red catalogue numbers: New products

Arteor™ with Netatmo

connected wireless light controls (continued)

Step 2: Connected products

Home + Control

5 742 52

0 676 94

Used to complete your connected installation, require prior installation of a gateway pack for connected installation
Zigbee Certified Product

Pack	Cat.Nos	
1	5 742 52	**Wireless motion sensor IP 44** Allows to control up to 20 wired switches, micromodules, socket outlets and cable outlets Easy pairing by tapping the wired products or by using the Home + Control App. Supplied with 2 x AA battery For indoor and outdoor use Recommended distance between 2 sensors: 6 m Recommended installation height: 2.5 m Time delay adjustable from 15 s to 15 min Range: 8 m Detection angle: 140° Sensor range adjustable from 2 m to 8 m With ON/OFF test buttons Light level threshold adjustable from 1 to 1000 lux
1	0 676 94	**Wireless switch ON/OFF module** Allows to transform a mechanical 2-way switch or push-button into a wireless ON/OFF switch. Small size for easy integration into the wall box To be paired with one connected switch, micromodule, socket outlet Supplied with CR2032 3V long-life battery for power supply

Arteor™ with Netatmo - British standard

connected wireless scene switches

Step 2: Connected products

Home + Control

5 746 53

5 742 87

Plate selection charts **p. 594 to 603**

Used to complete your connected installation, require prior installation of a gateway pack for connected installation
Zigbee Certified Product

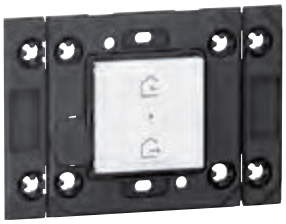
Pack	Cat.Nos	
		Wake up/Sleep wireless switch Used to add 2 extra scenes to a connected installation Preset Wake up/Sleep life scenes which can be customised in the Home + Control App. Supplied with CR2032 3 V long-life battery for power supply Easy access to the battery for maintenance LED function for low battery indication Supplied with cover plate, multi-standard support frame (with removable fins) and removable stickers for fixing the control unit on any substrate To be equipped with 2-module plates (p. 594 to 603) **1-gang**
1	5 746 51	○ White
1	5 746 52	● Magnesium
1	5 746 54	● Champagne
1	5 746 53	● Soft Alu
		Wake Up/Sleep wireless batteryless switch Extra-slim, maintenance-free device without any battery Used to add 2 extra scenes to a connected installation Energy harvesting mechanism that generates by itself the energy required for the switching process Qualified for 1 million cycles Smooth and silent switching Preset Wake up/Sleep life scenes which can be customised in the Home + Control App. **1-gang** Supplied with cover plate, multi-standard support frame (with removable fins) and removable stickers for fixing the control unit on any substrate To be equipped with 2-module plates (p. 594 to 603)
1	5 742 87	○ White
1	5 743 22	● Magnesium
1	5 748 36	● Champagne
1	5 742 93	● Soft Alu

Arteor™ with Netatmo - British standard

connected wireless scene switches (continued)

Step 2: Connected products

Home + Control


5 746 55

5 746 61

5 744 30

5 744 40

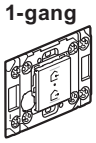
Plate selection charts **p. 594 to 603**

Used to complete your connected installation, require prior installation of a gateway pack for connected installation
Zigbee Certified Product

Home/Away wireless master switch

Used to add an extra Home/Away wireless master switch
Work in the same way as the Home/Away wireless master switch included in the gateway pack
Home/Away life scenes can be customised in the Home + Control App.
Supplied with CR2032 3 V long-life battery for power supply
Easy access to the battery for maintenance
LED function for low battery indication
Supplied with cover plate, multi-standard support frame (with removable fins) and removable stickers for fixing the control unit on any substrate
To be equipped with 2-module plates (p. 594 to 603)

1-gang



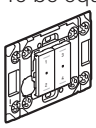
Pack	Cat.Nos	
1	5 746 55	○ White
1	5 746 56	● Magnesium
1	5 746 58	● Champagne
1	5 746 57	● Soft Alu

4 scenes wireless switches

Used to add 4 customised scenes to a connected installation
Scenes can be customised in the Home + Control App.
Possibility to assign personalized names and to associate icons to the scenes in the Home + Control App.
Supplied with CR2032 3 V long-life battery for power supply
Easy access to the battery for maintenance

Surface-mounting version, 2-gang

LED function for low battery indication
Supplied with cover plate, multi-standard support frame (with removable fins) and removable stickers for fixing the control unit on any substrate
To be equipped with 2-module plates (p. 594 to 603)



Pack	Cat.Nos	
1	5 746 59	○ White
1	5 746 60	● Magnesium
1	5 746 62	● Champagne
1	5 746 61	● Soft Alu

Pocket remote control

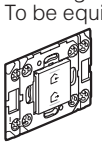
Pack	Cat.Nos	
1	0 676 95	Can be attached to a keyring ● Magnesium

Home/Away wireless batteryless master switch

Extra-slim, maintenance-free device without any battery
Used to add an extra Home/Away wireless master switch
Work in the same way as the Home/Away wireless master switch included in the gateway pack
Energy harvesting mechanism that generates by itself the energy required for the switching process
Qualified for 1 million cycles
Smooth and silent switching
Home/Away life scenes can be customised in the Home + Control App.

1-gang

Supplied with cover plate, multi-standard support frame (with removable fins) and removable stickers for fixing the control unit on any substrate
To be equipped with 2-module plates (p. 594 to 603)



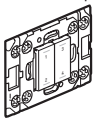
Pack	Cat.Nos	
1	5 744 30	○ White
1	5 744 31	● Magnesium
1	5 744 32	● Champagne
1	5 744 33	● Soft Alu

4 scenes wireless batteryless switch

Extra-slim, maintenance-free device without any battery
Used to add 4 customised scenes to a connected installation
Energy harvesting mechanism that generates by itself the energy required for the switching process
Qualified for 1 million cycles
Smooth and silent switching
Scenes can be customised in the Home + Control App.
Possibility to assign personalized names and to associate icons to the scenes in the Home + Control App.

2-gang

Supplied with cover plate, multi-standard support frame (with removable fins) and removable stickers for fixing the control unit on any substrate
To be equipped with 2-module plates (p. 594 to 603)



Pack	Cat.Nos	
1	5 744 40	○ White
1	5 744 41	● Magnesium
1	5 744 42	● Champagne
1	5 744 43	● Soft Alu

Red catalogue numbers: New products

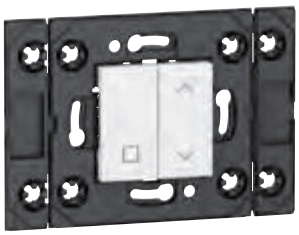
Arteor™ with Netatmo - British standard

connected wireless curtain/roller blind switches

Step 2: Connected products

Home + Control

5 746 78

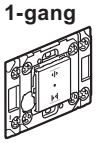


5 744 20

Plate selection charts **p. 594 to 603**

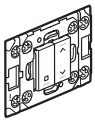
Used to complete your connected installation, require prior installation of a gateway pack for connected installation
Zigbee Certified Product

Pack	Cat.Nos	Curtain/roller blind wireless switch
		Used for remote control or centralization of up to 20 wired connected roller blind switches Pair by tapping the selected roller blind switch(es) or by using the Home + Control App. Supplied with CR2032 3 V long-life battery for power supply Easy access to the battery for maintenance LED function for low battery indication Supplied with cover plate, multi-standard support frame (with removable fins) and removable stickers for fixing the control unit on any substrate To be equipped with 2-module plates (p. 594 to 603)
		1-gang
1	5 746 75	○ White
1	5 746 76	● Magnesium
1	5 746 78	● Champagne
1	5 746 77	● Soft Alu



Pack	Cat.Nos	Accessory
1	0 648 71	Pack of 3 x 4 extra removable stickers for fixing a wireless control

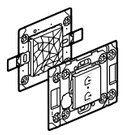
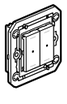
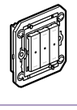
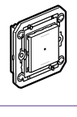
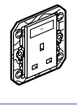
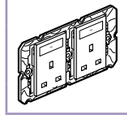
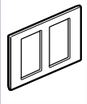
Pack	Cat.Nos	Curtain/roller blind wireless batteryless switch
		Extra-slim, maintenance-free device without any battery Used for remote control or centralization of up to 20 wired roller blind switches Energy harvesting mechanism that generates by itself the energy required for the switching process Qualified for 1 million cycles Smooth and silent switching Pair by tapping the selected roller blind switch(es) or by using the Home + Control App.
		2-gang Supplied with cover plate, multi-standard support frame (with removable fins) and removable stickers for fixing the control unit on any substrate To be equipped with 2-module plates (p. 594 to 603)
1	5 744 20	○ White
1	5 744 21	● Magnesium
1	5 744 22	● Champagne
1	5 744 23	● Soft Alu



Red catalogue numbers: New products

Arteor™ with Netatmo - British standard

combination examples

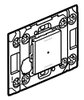
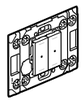
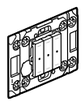
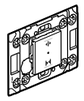
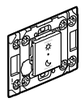
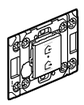
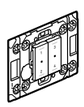
Function with support frame included				Flush-mounting box	Plates	Neutral White	Neutral Soft Alu	Neutral Graphite	Neutral Magnesium	Neutral Champagne	Neutral Dark Bronze	Mirror Mirror White	Mirror Mirror Black	Brushed Metal Stainless Steel	Brushed Metal Gold Brass	Brushed Metal Pink Champagne	Brushed Metal Black	Reflective Metal Stainless Steel	Reflective Metal Black	Reflective Metal Gold	Wood Grey Oak	Signature Cube
	Connected gateway pack (2 plates needed)	5 746 01	White	1-gang		5 752 10	5 713 02	5 752 12	5 713 12	5 713 22	5 713 32	5 752 14	5 752 13	5 752 16	5 761 20	5 713 52	5 713 42	5 713 62	5 713 82	5 713 72	5 713 92	5 714 02
		5 746 02	Magnesium																			
		5 746 04	Champagne																			
		5 746 03	Soft Alu																			
CONNECTED LIGHT SWITCHES																						
	Switch with neutral 150 W LED 1-gang	5 746 05	White	1-gang		5 752 10	5 713 02	5 752 12	5 713 12	5 713 22	5 713 32	5 752 14	5 752 13	5 752 16	5 761 20	5 713 52	5 713 42	5 713 62	5 713 82	5 713 72	5 713 92	5 714 02
		5 746 06	Magnesium																			
		5 746 08	Champagne																			
		5 746 07	Soft Alu																			
	Switch with neutral 150 W LED 2-gang	5 746 09	White																			
		5 746 10	Magnesium																			
		5 746 12	Champagne																			
		5 746 11	Soft Alu																			
	Switch with neutral 150 W LED 3-gang	5 746 13	White																			
		5 746 14	Magnesium																			
		5 746 16	Champagne																			
		5 746 15	Soft Alu																			
	Switch without neutral for system integrators 100 W LED 1-gang	5 746 17	White																			
		5 746 18	Magnesium																			
		5 746 20	Champagne																			
		5 746 19	Soft Alu																			
	Switch without neutral for system integrators 100 W LED 2-gang	5 746 21	White																			
		5 746 22	Magnesium																			
		5 746 24	Champagne																			
		5 746 23	Soft Alu																			
	Switch without neutral for system integrators 100 W LED 3-gang	5 746 25	White																			
		5 746 26	Magnesium																			
		5 746 28	Champagne																			
		5 746 27	Soft Alu																			
	Switch with dimmer option with neutral 150 W LED 1-gang	5 746 41	White																			
		5 746 42	Magnesium																			
		5 746 44	Champagne																			
		5 746 43	Soft Alu																			
	Switch with dimmer option without neutral 5-125 W LED 1-gang	5 746 37	White																			
		5 746 38	Magnesium																			
		5 746 40	Champagne																			
		5 746 39	Soft Alu																			
CONNECTED OUTLETS																						
	2P+E switched British standard socket outlet, 13 A - 250 V 1-gang	5 742 56	White	1-gang		5 751 60	5 713 03	5 751 62	5 713 13	5 713 23	5 713 33	5 751 64	5 751 63	5 751 66	5 761 80	5 713 53	5 713 43	5 713 63	5 713 83	5 713 73	5 713 93	5 714 03
		5 742 58	Magnesium																			
		5 742 59	Champagne																			
		5 742 57	Soft Alu																			
	2P+E switched British standard socket outlet, 13 A - 250 V 2-gang	5 742 66	White	2-gang		5 712 10	5 712 11	5 712 12	5 712 13	5 712 14	5 712 15	5 712 16	5 712 17	5 712 18	5 712 19	5 712 20	5 712 21	5 712 22	5 712 23	5 712 24	5 712 25	5 712 26
		5 742 68	Magnesium																			
		5 742 69	Champagne																			
		5 742 67	Soft Alu																			

Red catalogue numbers: New products

legrand

Arteor™ with Netatmo - British standard

combination examples (continued)

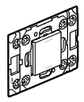
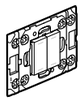
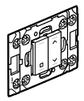
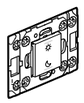
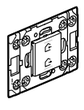
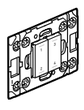
Function with support frame included				Flush-mounting box	Plates	Neutral						Neutral	Mirror		Brushed Metal				Reflective Metal			Wood	Signature
						White	Soft Alu	Graphite	Magnesium	Champagne		Dark Bronze	Mirror White	Mirror Black	Stainless Steel	Gold Brass	Pink Champagne	Black	Stainless Steel	Black	Gold	Grey Oak	Cube
CONNECTED CURTAIN/ROLLER BLIND SWITCHES																							
	Curtain/roller blind switch, 1-gang	5 746 29	○ White	1-gang	British standard	5 752 10	5 713 02	5 752 12	5 713 12	5 713 22		5 713 32	5 752 14	5 752 13	5 752 16	5 761 20	5 713 52	5 713 42	5 713 62	5 713 82	5 713 72	5 713 92	5 714 02
		5 746 30	● Magnesium																				
		5 746 32	● Champagne																				
		5 746 31	● Soft Alu																				
	Curtain/roller blind switch, 2-gang	5 746 33	○ White																				
		5 746 34	● Magnesium																				
		5 746 36	● Champagne																				
		5 746 35	● Soft Alu																				
WIRELESS SURFACE-MOUNTING SWITCHES																							
	Light switch, 1-gang	5 746 63	○ White	Not possible	British standard[1]	5 752 10	5 713 02	5 752 12	5 713 12	5 713 22		5 713 32	5 752 14	5 752 13	5 752 16	5 761 20	5 713 52	5 713 42	5 713 62	5 713 82	5 713 72	5 713 92	5 714 02
		5 746 64	● Magnesium																				
		5 746 66	● Champagne																				
		5 746 65	● Soft Alu																				
	Light switch, 2-gang	5 746 67	○ White																				
		5 746 68	● Magnesium																				
		5 746 70	● Champagne																				
		5 746 69	● Soft Alu																				
	Light switch, 3-gang	5 746 71	○ White																				
		5 746 72	● Magnesium																				
		5 746 74	● Champagne																				
		5 746 73	● Soft Alu																				
	Switch for multi-colour lighting, 2-gang	5 744 34	○ White		IT/ US standard	5 752 30	5 714 12	5 752 32	5 752 37	5 714 32		5 714 42	5 752 54	5 752 53	5 752 56	5 764 30	5 714 27	5 714 17	5 714 37	5 714 57	5 714 47	5 714 67	5 714 77
		5 744 35	● Magnesium																				
		5 744 36	● Champagne																				
		5 744 37	● Soft Alu																				
	Curtain/roller blind switch, 1-gang	5 746 75	○ White																				
		5 746 76	● Magnesium																				
		5 746 78	● Champagne																				
		5 746 77	● Soft Alu																				
	Wake up/Sleep switch, 1-gang	5 746 51	○ White		US / RSA standard	5 752 50	5 714 82	5 752 52	5 714 92	5 715 02		5 715 12	5 752 54	5 752 53	5 752 56	5 764 30	5 714 27	5 714 17	5 714 37	5 714 57	5 714 47	5 714 67	5 714 77
		5 746 52	● Magnesium																				
		5 746 54	● Champagne																				
		5 746 53	● Soft Alu																				
	Home/Away master switch, 1-gang	5 746 55	○ White																				
		5 746 56	● Magnesium																				
		5 746 58	● Champagne																				
		5 746 57	● Soft Alu																				
	4 scenes switch, 2-gang	5 746 59	○ White																				
		5 746 60	● Magnesium																				
		5 746 62	● Champagne																				
		5 746 61	● Soft Alu																				

1: Fins to be removed from the support frame for mounting on BS plates

Red catalogue numbers: New products

Arteor™ with Netatmo - British standard

combination examples (continued)

Function with support frame included				Flush-mounting box	Plates	Neutral						Neutral	Mirror		Brushed Metal				Reflective Metal			Wood	Signature
						White	Soft Alu	Graphite	Magnesium	Champagne		Dark Bronze	Mirror White	Mirror Black	Stainless Steel	Gold Brass	Pink Champagne	Black	Stainless Steel	Black	Gold	Grey Oak	Cube
WIRELESS BATTERYLESS SURFACE-MOUNTING SWITCHES																						
	Light switch, 1-gang	5 742 39	White	Not possible	British standard[1] OR IT/ US standard OR US / RSA standard	5 752 10	5 713 02	5 752 12	5 713 12	5 713 22		5 713 32	5 752 14	5 752 13	5 752 16	5 761 20	5 713 52	5 713 42	5 713 62	5 713 82	5 713 72	5 713 92	5 714 02
		5 743 24	Magnesium																			
		5 742 55	Champagne																			
		5 742 10	Soft Alu																			
	Light switch, 2-gang	5 742 89	White			5 752 30	5 714 12	5 752 32	5 752 37	5 714 32		5 714 42	5 752 54	5 752 53	5 752 56	5 764 30	5 714 27	5 714 17	5 714 37	5 714 57	5 714 47	5 714 67	5 714 77
		5 743 25	Magnesium																			
		5 748 38	Champagne																			
		5 742 96	Soft Alu																			
	Curtain/roller blind switch, 2-gang	5 744 20	White																			
		5 744 21	Magnesium																			
		5 744 22	Champagne																			
		5 744 23	Soft Alu																			
	Wake up/Sleep switch, 1-gang	5 742 87	White																			
		5 743 22	Magnesium																			
		5 748 36	Champagne																			
		5 742 93	Soft Alu																			
	Home/Away master switch, 1-gang	5 744 30	White			5 752 50	5 714 82	5 752 52	5 714 92	5 715 02		5 715 12	5 752 54	5 752 53	5 752 56	5 764 30	5 714 27	5 714 17	5 714 37	5 714 57	5 714 47	5 714 67	5 714 77
		5 744 31	Magnesium																			
		5 744 32	Champagne																			
		5 744 33	Soft Alu																			
	4-scenes switch, 2-gang	5 744 40	White																			
		5 744 41	Magnesium																			
		5 744 42	Champagne																			
		5 744 43	Soft Alu																			

1: Fins to be removed from the support frame for mounting on BS plates

Red catalogue numbers: New products

MYHOME

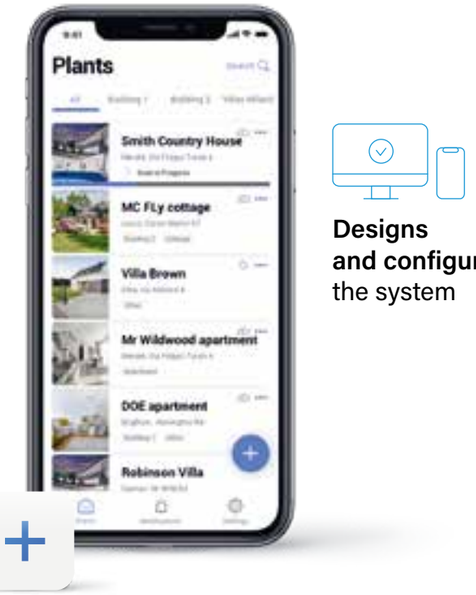
Becomes even smarter

The MyHOME system becomes even smarter: the new ecosystem of Apps for you and your customer allows for a personalized, simple, more functional and smart experience.

ONE APP. FOR THE INSTALLER

Home + Project

The unique tool for the installer that allows to design and configure the system with amazing simplicity.
You'll enjoy greater flexibility, scalability and customization of your projects while keeping all the advantages of the BUS system and the same installation methods.



Designs and configures the system

CHOOSE THE SERVER YOU PREFER
Create MyHOME systems as you have always done, using the new MyHOMEServer1 or, as an alternative, the new Classe 300EOS with Netatmo video internal unit with built-in Alexa voice assistant.

alexa built-in

TWO APPS FOR THE CUSTOMER

Home + Control & Home + Security

Your customers can manage their entire house – including video door entry and security functions - with just two Apps: **Home + Control** and **Home + Security**.

Controls all the home comfort functions

Home + Control*
- A single App. to manage lights, shutters, sockets, energy and temperature control.
- Create and enjoy scenarios, schedules, smart notifications and automations.

Controls the video door entry system and Netatmo security products

Home + Security
- Alerts and notifications for incoming calls, motion and people detection, event information and door lock management with a simple interface.

*Replaces the MyHOME Up App. and is compatible with all existing MyHOME systems

BT-344842

Home + Control

Home + Security

BT-344844

BT-346020

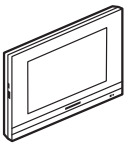
0 672 59

Door Entry for HOMETOUCH

BT-MYHOMESERVER1

Home + Control

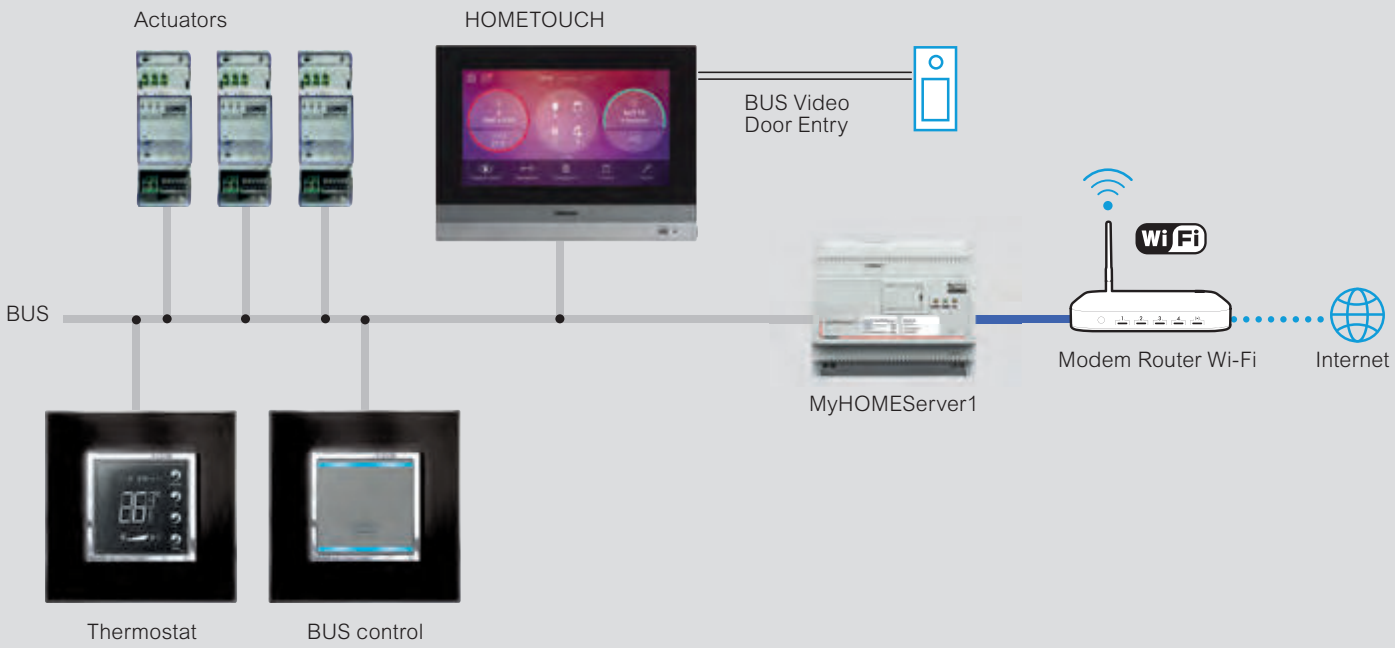
Pack	Cat.Nos	Classe 300EOS with Netatmo connected video internal unit
1	BT-344842	◯ White Wi-Fi hands-free connected video internal unit for 2-wire BUS installation Amazon Alexa voice assistant built-in Integrated gateway function for management of a MyHOME installation • Control options: - Local control - Remote management and control via the Home + Control and Home + Security Apps - Voice control - Amazon Alexa built-in voice assistant • Features: - Vertical 5" touchscreen LCD display - Answering machine, with or without inductive loop - Physical keys for door lock release - Capacitive keys for the control of the main video door entry functions (hands-free communication, entrance panel activation, camera scrolling and Favourite key - Possibility to interact with built-in Alexa voice assistant via dedicated capacitive keys or voice for activation of video door entry and Smart Home functions, routines, reminders etc. - touch display allows for easy access of the notification list, favourite door entry, security and Smart Home controls • Functions available through the Home + Security App.: - Call redirection to a smartphone - Management of the main video internal unit functions (receiving calls, door lock release, display of the event timeline and activation of the entrance panel/camera cycling) - Management of the Netatmo security solutions (p. 868 to 869) for easy set-up of a Smart security system • Functions available through the Home + Control App.: - Management of all the "with Netatmo" and MyHOME functions. Surface-mounting installation using the supplied bracket Possibility of Wi-Fi connection or using RJ 45 ethernet cable Cat.No BT-344844
1	BT-344844	**Ethernet cable** Accessory cable for the wired connection of the Classe 300EOS video internal unit using an RJ 45 Ethernet cable. To be purchased separately
1	BT-346020	**Power supply** Additional power supply To be used to supply the connected Classe 300EOS video internal unit (BT-344842) locally, when required 2 DIN modules

Pack	Cat.Nos	HOMETOUCH 7"
		HOME Touch  Connected 2 wire hands-free video internal unit integrated with MyHOME system Allows to: - manage video door entry functions and connect Door Entry App. (available for Android and iOS) - visualize the status and control MyHOME system and integrated functions (light, automation, temperature, scenarios, ..) Flush-mounting installation using the dedicated box ref. BT-3487 Installation also possible in wall-mounting existing boxes Does not require dedicated configuration tools
1	0 672 59	● Black
1	BT-3488W	◯ White
		Accessories
1	BT-3487	Flush-mounting box for 7" touch screen Cat.No 0 672 59
1	BT-3487AP	Plasterboard bracket

Pack	Cat.Nos	Gateways
1	BT-MYHOMESERVER1	**Server** Allows to make a MyHOME installation compatible with the Home + Control App. for smartphone and tablet (available in the stores for Android and iOS systems) Allows for easy installation and programming of the system products Enables remote control of the MyHOME functions (lighting, automation, temperature control) via the Home + Control App.
1	BT-MHSERVERKIT	**Kit** Containing MYHOMESERVER1 and AccessPoint for communication between the MyHOME system to which it is connected, and a smartphone or tablet where the Home + Control App. is installed

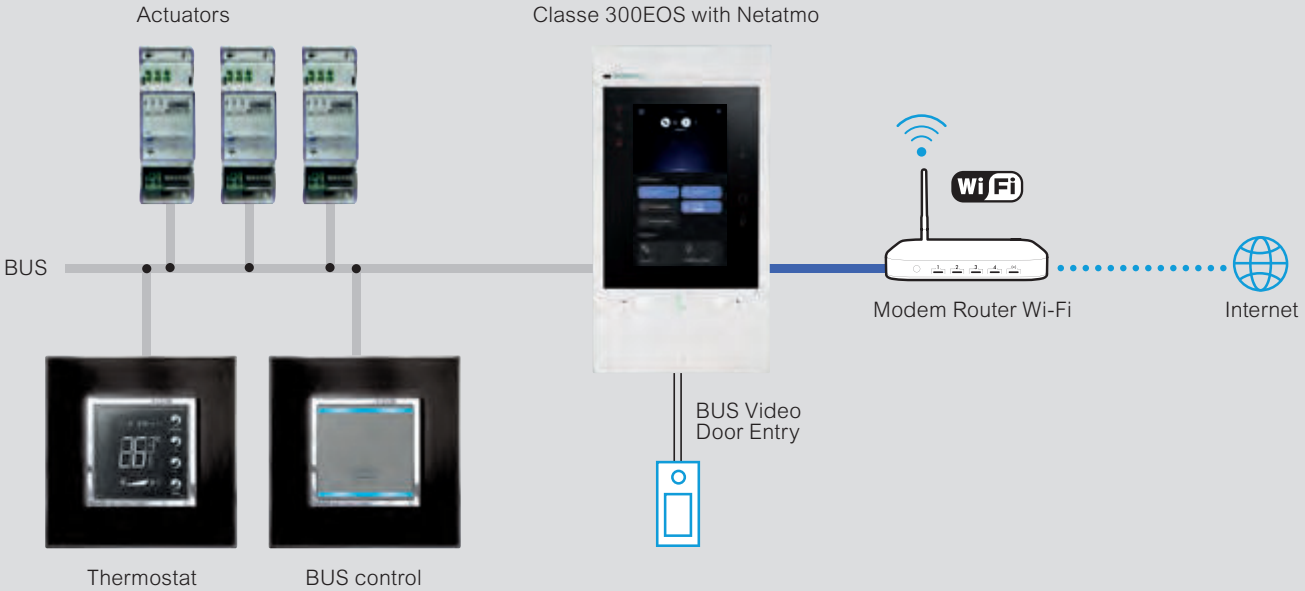
Pack	Cat.Nos	Driver manager
1	BT-F459	 Integration platform with other brand systems 6 DIN modules 17.5 mm Contact the agency to check the feasibility of specific integrations and to request the licence needed to use the Driver manager

MyHOME system with MyHOMEServer1 as server and HOMETOUCH used as video door entry internal unit



If MyHOMEServer1 is used to realize the MyHOME installation, the HOMETOUCH can be used as smart home touch screen and also as video door entry internal unit. Remote management of door entry function via the Door Entry App. for HOMETOUCH

MyHOME system with Classe300EOS with Netatmo used as both, server and video door entry internal unit



If Classe300EOS with Netatmo is used to realize the MyHOME installation, the device will work as both, smart home touch screen and video door entry internal unit. Remote management of door entry function via the Home + Security App.

HOME + PROJECT

A tool just for you

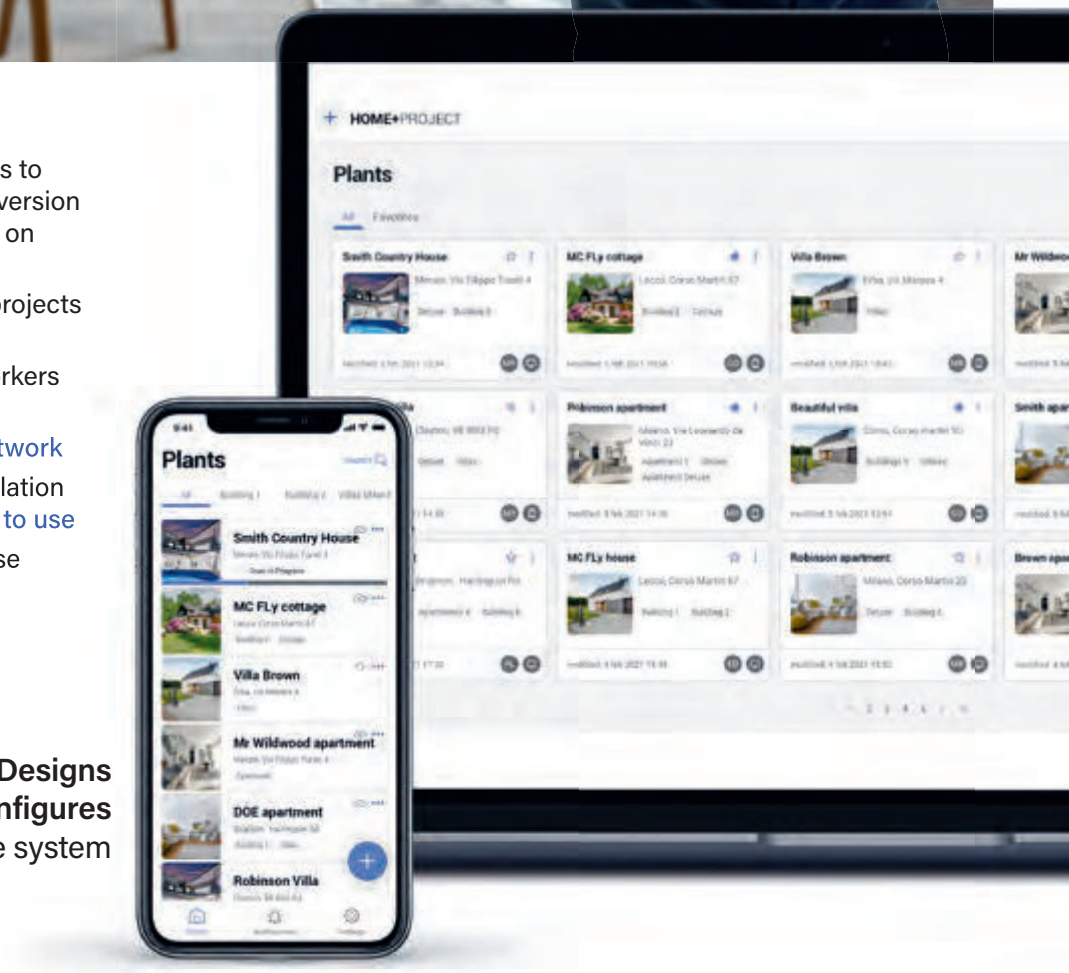
The tool for your MyHOME installations. Design and configure with amazing simplicity, work the way you like: from Mobile or Desktop.

Home + Project

- A single tool available in two versions to simplify your work: use the desktop version at your office and the mobile version on your smartphone when on site
- Save time and easily replicate your projects with the Copy/Paste feature
- Share your projects with your co-workers
- Connect on site to the system to be configured even without Internet network
- Provide your customer with an installation that's already operational and ready to use
- Create an always accessible database containing all your projects

Home + Project

Designs and configures the system



MyHOME

BUS flush-mounting control mechanisms

0 675 52 + key cover 5 744 76 + plate 5 713 52

0 675 53 + key covers 5 745 16 + 5 745 08 + plate 5 716 26

0 675 58 + key covers 5 745 47 + 5 744 93 + plate 5 713 02

0 675 58 + key cover 5 745 36 + plate 5 756 13

Key cover selection charts **p. 643 and 644**

For lighting and shutter control

Pack	Cat.Nos	
		For controlling a controller (e.g.: lighting, shutters or lighting + shutters) depending on the selected configuration Used to manage groups of functions and centralize them (scenario switch type) To be installed in flush-mounting boxes
1	0 675 52	**For controlling 1 or 2 controllers** 2 modules To be equipped with key covers (p. 643-644) support frames and plates (p. 594-603)
1	0 675 54	**For controlling up to 3 controllers** 3 modules To be equipped with key covers (p. 643-644) support frames and plates (p. 594-603)

For multi-functions control

Pack	Cat.Nos	
		For controlling 1 or 2 controllers (e.g.: ON/OFF, shutters, scenario control) door release control, dimming: gradual switching on or off depending on the selected configuration To be installed in flush-mounting boxes
1	0 675 53	**For controlling up to 4 scenarios** 2 modules To be equipped with key covers (p. 643-644) support frames and plates (p. 594-603)
1	0 675 58	**For advanced shutter control** Point-point, room, group, and general control of the motor controlled rolling shutters, to be used in conjunction with actuators Cat.Nos BT-F401 (p. 645) or 0 675 57. Stop, up, down function Possibility of blade angle adjustment Recall of a previously saved opening/closing position. Recording of the opening/closing position on the control using self-learning procedure 2 modules To be equipped with key covers (p. 643-644): shutter STOP marking and up/down symbol, support frame and plate (p. 594-603)

Flush-mounting controller with built-in control for lighting and shutter

Pack	Cat.Nos	
1	0 675 61	Actuator with 2 independent relays and 3 wires (with neutral) with built-in controls For single or double loads Used to connect a motor or 2 lighting circuits: 6 A incandescent/halogen lamps 2 A for motors, 2 A for ferromagnetic transformers and electronic transformer Compact fluorescent and LED: 1 A Logic relay interlocking by configuration The device can also be configured to manage a remote actuator, present on the BUS 2 modules To be equipped with key covers (p. 643-644) support frames and plates (p. 594-603)

Flush-mounting controller with built-in control for advanced shutter

Pack	Cat.Nos	
1	0 675 57	Max. motor power: 460 W, 230 V~ Motors controlled by interlocking relays or by sending pulses Position status feedback: closed, open, intermediate position Controlled according to different commands: up, down or % opening Logic relay interlocking. Stop, up, down function Possibility of blade angle adjustment Recall of a previously saved opening/closing position. Recording of the opening/closing position on the control using self-learning procedure 2 modules To be equipped with key covers (p. 643-644): shutter STOP marking and up/down symbol, support frame and plate (p. 594-603)

MyHOME

BUS touch screens

5 739 05

5 739 12

Supplied complete, equipped with white or black touch plates

Pack	Cat.Nos	Touch control mechanisms
		For controlling 1 or 2 controllers (e.g.: ON/OFF, shutters, scenario control) sound system, door release control, dimming: gradual switching on or off depending on the selected configuration To be installed in flush-mounting boxes
		Control up to 4 scenarios 2 modules
1	5 739 04	○ White - for BS flush-mounting boxes
1	5 739 05	● Black - for BS flush-mounting boxes
		Control up to 6 scenarios 3 modules
1	5 739 12	○ White
1	5 739 13	● Black

MyHOME

BUS scenario controllers

5 739 02 (for example scenario IN / OUT / DINNER / RELAX) + plate 5 756 10

5 745 04 (for example scenario TV/RELAX SLEEP/PARTY) + plate 5 713 72

0 675 92 + plate 5 713 82

Pack	Cat.Nos	Scenario controllers
		For controlling a number of controllers and managing 4 scenarios Supplied complete with scenario identification label Equipped with cover plates 2 modules To be equipped with support frames and plates (p. 594-603)
1	5 739 02	○ White - round version
1	5 739 03	● Magnesium - round version
1	5 745 03	○ White - square version
1	5 745 04	● Magnesium - square version

Pack	Cat.Nos	8 push-buttons control
		For lighting, automation, sound diffusion and scenario functions
1	0 675 92	To be equipped with support frame and plates (p. 594-603) 2 modules

BUS key cover selection charts

5 744 86

5 744 81

5 744 76

5 744 79

5 744 69

5 744 80

Compatible with all Arteor control mechanisms (p. 641)

Key cover description	Pack	Number of modules	SQUARE VERSION		
				White ○	Magnesium ●
Regulation symbol any side mounting	5	1		5 744 87	5 744 86
Regulation symbol	5	2		5 744 89	5 744 88
Light symbol any side mounting	5	1		5 744 75	5 744 74
Light symbol	5	2		5 744 77	5 744 76
Dimmer symbol any side mounting	5	1		5 744 69	5 744 68
Dimmer symbol	5	2		5 744 71	5 744 70
Up/Down symbol any side mounting	5	1		5 744 93	5 744 92
Up/Down symbol	5	2		5 744 95	5 744 94
GEN marking	5	2		5 744 73	5 744 72
GEN/ON/OFF marking any side mounting	5	1		5 744 83	5 744 82
GEN/ON/OFF marking	5	2		5 744 85	5 744 84
ON/OFF marking any side mounting	5	1		5 744 79	5 744 78
ON/OFF marking	5	2		5 744 81	5 744 80
Shutter STOP marking any side mounting	5	1		5 745 47	5 745 48
Without marking any side mounting	5	1		5 744 65	5 744 64
Without marking	5	2		5 744 67	5 744 66

BUS key cover selection charts (continued)

5 745 05

5 745 08

5 745 38

5 745 17

5 745 43

5 745 22

5 745 19

5 745 42

5 745 16

5 745 36

Compatible with all Arteor control mechanisms (p. 641)

Key cover description	Pack	Number of modules	ROUND VERSION		
				White ○	Magnesium ●
Regulation symbol left-hand side mounting	5	1		5 745 05	5 745 06
Regulation symbol right-hand side mounting	5	1		5 745 07	5 745 08
Regulation symbol	5	2		5 745 37	5 745 38
Light symbol any side mounting	5	1		5 745 17	5 745 18
Light symbol	5	2		5 745 43	5 745 44
Dimmer symbol left-hand side mounting	5	1		5 745 20	5 745 22
Dimmer symbol right-hand side mounting	5	1		5 745 19	5 745 21
Dimmer symbol	5	2		5 745 41	5 745 42
Up/Down symbol any side mounting	5	1		5 745 15	5 745 16
Up/Down symbol	5	2		5 745 35	5 745 36
GEN marking	5	2		5 745 39	5 745 40
GEN/ON/OFF marking left-hand side mounting	5	1		5 745 24	5 745 26
GEN/ON/OFF marking right-hand side mounting	5	1		5 745 23	5 745 25
GEN/ON/OFF marking	5	2		5 745 31	5 745 32
ON/OFF marking left-hand side mounting	5	1		5 745 28	5 745 30
ON/OFF marking right-hand side mounting	5	1		5 745 27	5 745 29
ON/OFF marking	5	2		5 745 33	5 745 34
Shutter STOP marking any side mounting	5	1		5 745 45	5 745 46
Without marking any side mounting	5	1		5 745 09	5 745 10
Without marking	5	2		5 745 13	5 745 14

MyHOME

BUS modular equipment for lighting control automation and shutter control

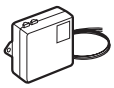
BT-F411U2

BT-F411/4

BT-BMSW1003

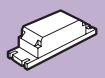
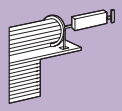
Load selection charts **p. 646**

Pack	Cat.Nos	Multi-application DIN controllers
1 1 1	BT-F411U2 BT-F411/4 BT-F411/1NC	NO contact For lighting and motors 2 DIN modules 17.5 mm 2 outputs 10 A with neutral connection 4 output 6 A - common phase Controller with 1 NO/NC relay For lighting: 16 A resistive, 10 A incandescent lamps, 4 A cos φ 0.5 for ferromagnetic transformers and 4 A for fluorescent lamps with 2 DIN modules
		DIN controllers for dimming
		For use in conjunction with loads and control mechanisms (p. 641) for dimming control
		For dimmable LEDs and CFL (Compact Fluorescent Lamps) incandescent, halogen lamps and electronic transformers
1	BT-F418U2	2 outputs - loads with separate channels: 1-300 VA / 230 V or 1-150 VA / 110 V - loads with parallelized channels: 2-600 VA / 230 V or 2-300 VA / 110 V
		For 1-10 V ballasts
1	BT-F413N	500 VA maximum 2 DIN modules 17.5 mm
1	BT-BMDI1002	4 outputs - 1000 VA maximum 10 DIN modules 17.5 mm
		SCS/DALI interface
1	BT-F429	 DALI dimmer, 8 independant outputs with maximum load 16 ballast at 230 VAC, push-button for load direct control 6 DIN modules
		For incandescent, halogen 230 V, ELV halogen with electronic or ferromagnatic transformer
1	BT-F416U1	6 DIN modules 17.5 mm Automatic recognition of the load 1 output - 1000 W maximum
		DIN ON/OFF lighting controllers
1	BT-BMSW1003	For lighting (commercial sector) 4 outputs 16 A 6 DIN modules 17.5 mm
1	BT-BMSW1005	8 outputs 16 A 10 DIN modules 17.5 mm

Pack	Cat.Nos	2-relay controller for driving a motor
1	BT-F401	Relay interlocking or pulse based motor drive Position status return: closed, open, intermediate position. Drive following different orders: up, down, or opening Maximum motor power: 460 W, 230 V~ Logic relay interlocking 2 DIN modules 17.5 mm
		RJ adaptor
10	0 488 72	For connecting Cat.Nos BT-BMSW1003, BT-BMSW1005, BT-F416U1, BT-BMDI1002 to the BUS Male connector
		Contact interfaces
1 1	BT-F428 BT-3477	Allow the connection between traditional wiring devices such as switches, time delay switches or external sensors 2 independent contacts 2 DIN modules 17.5 mm Basic modularity to be installed in flush-mounting box
		Basic module controller
1	BT-3476	For lighting: 2 A resistive or incandescent lamps and 2 A cos φ 0.5 for ferromagnetic transformers  Controller/control unit with 1 relay with an input for conventional push-button with NO contact

BUS load selection chart

Loads that can be driven (110 V~ - max. 250 V~ 50/60 Hz)

Cat.Nos			Energy saving incandescence and halogen lamps	LED lamps	Linear fluorescent lamps	Compact fluorescent lamps	 Electronic transformers	Ferromagnetic transformers	 Reducer motors for shutters
BT-BMSW1005	250 V~		-	-	4.3 A 10 x 2 x 36 W	5 A 1150 VA	16 A 3680 W	16 A 3680 W	-
	110 V~		-	-	4.3 A 5 x (2 x 36 W)	5 A 550 VA	16 A 1760 W	16 A 1760 W	-
BT-BMSW1003	250 V~				10x(2x36 W) 4.3 A	1150 W 5 A	16 A 3680 W	16 A 3680 W	-
	110 V~				10x(2x36 W) 4.3 A	550 W 5 A	16 A 1760 W	16 A 1760 W	-
BT-F411U2	250 V~		-	-	4 A 920 W	500 W	920 W	4 A Cos φ 0.5 920 VA	2 A 460 W
	110 V~		-	-	4A 440W	250W	440W	4A Cos φ 0.5 440 VA	2A 250W
BT-3476	250 V~		2 A 460 W	40 W MAX 1 LAMP	-	40 W MAX 1 LAMP	-	2A Cos φ 0.5 460 VA	-
	110 V~		2 A 220 W	20 W MAX 1 LAMP	-	20 W MAX 1 LAMP	-	2 A Cos φ 0.5 220 VA	-
BT-F401	250 V~		-	-	-	-	-	-	2 A 250 W
	110 V~		-	-	-	-	-	-	2 A 220 W
BT-F411/1NC	250 V~		10 A 2300 W	500 W MAX 10 LAMPS	4 A 920 W	500 W MAX 10 LAMPS	4 A 920 W	4 A Cos φ 0.5 920 VA	-
	110 V~		10 A 2300 W	220 W MAX 10 LAMPS	4 A 440 W	220 W MAX 10 LAMPS	4 A 440 W	4 A Cos φ 0.5 440 VA	-
BT-F411/4	250 V~		2 A 460 W	70 W MAX 2 LAMPS	0.3 A 70 W	70 W MAX 2 LAMPS	0.3 A 70 W	2 A Cos φ 0.5 460 VA	2 A 460 W
	110 V~		2 A 220 W	35 W MAX 2 LAMPS	0.3 A 35 W	35 W MAX 2 LAMPS	0.3 A 35 W	2 A Cos φ 0.5 220 VA	2 A 220 W
BT-BMDI1002	250 V~		Dimmer for ballast 4x4.3 A outputs - 4x1000VA						
	110 V~		Dimmer for ballast 4x4.3 A outputs - 4x500 VA						
BT-F418U2	250 V~		2x300 W	2x300 VA	-	2x300 VA	2x300 VA	2x300 VA	-
	110 V~		2x150 W	2x150 VA	-	2x150 VA	2x150 VA	2x150 VA	-
BT-F416U1	250 V~		4.3 A 40-1000 W	-	-	-	4.3 A 40-1000 W	4.3 A 40-1000 W	-
	110 V~		4.3 A 500 W	-	-	-	4.3 A 500 W	4.3 A 500 W	-
BT-F413N	250 V~		-	-	2 A max 10 ballast 460 W	-	-	-	-
	110 V~		-	-	2 A max 10 ballast 220 W	-	-	-	-
0 675 61	To use with connected neutral	250 V~	1380 W 6 A	250 W 1 A	460 W 2 A	-	-	460 VA 2 A Cos φ 0.5	460 W 2 A
		110 V~	660 W 6 A	110 W 1 A	220 W 2 A	-	-	220 VA 2 A Cos φ 0.5	250 W 2 A
	To use without neutral or 10 maxi lamps. For good lighting comfort, we recommend the use of lamps of the same type and from the same supplier	250 V~	460 W 2 A	-	-	-	-	460 VA 2 A Cos φ 0.5	460 W 2 A
		110 V~	220 W 2 A	-	-	-	-	220 VA 2 A Cos φ 0.5	250 W 2 A
0 675 57	250 V~		-	-	-	-	-	-	1x460 W
	110 V~		-	-	-	-	-	-	1x230 W

MyHOME

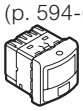
BUS sensors

5 740 48 + plate 5 713 22

Check presence and light level continuously, switch off when there is sufficient natural light
Automatic switch-ON/OFF (factory setting)
Connect to controllers by cord or RJ 45 cable or BUS/SCS cable to be fitted with RJ 45 connector Cat.No 0 488 72

Pack	Cat.Nos	Arteor 180° motion sensors
		Automatic sensors with passive IR presence sensor and light sensor Range 8 m for an installation height of 1.2 m Time delay before switch-off and adjustable light level 2 modules IP 41 Consumption 0.3 W on standby **PIR motion sensor** To be equipped with support frame and plate (p. 594-603)
1	5 740 46	○ White
1	5 740 96	● Magnesium

Pack	Cat.Nos	Arteor 180° dual technology presence sensor
		Automatic sensors with integrated push-button Dual technology passive IR and ultrasonic presence sensor Light sensor Range 8 m for an installation height of 1.2 m Time delay before switch-off and adjustable light level 2 modules IP 41 Consumption 0.5 W on standby **Dual technology presence sensor** To be equipped with support frame and plate (p. 594-603)
1	5 740 48	○ White
1	5 740 98	● Magnesium



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BUS energy management

BT-3522N

BT-F520

BT-3508BUS

Pack	Cat.Nos	Consumption indicators
		Pulse counter interface
1	BT-3522N	 Used to store data from a pulse counter (water, colorimetry, heat or gas) In countries subject to the ATEX Directive it's mandatory to use a zener barrier/galvanic insulation barrier between the pulse counter interface and the gas meter The barrier must comply with the ATEX directive and must be installed outside the ATEX zone Install one pulse counter interface per meter to measure the consumption individually Consumption data stored hour by hour, and kept for several years (12 years) Display can be in the form of histograms or statistical data
		Consumption indicator for 3 circuits
1	BT-F520	 For single phase installations Supplied with a toroid and its link Each toroid can monitor one circuit The consumption indicator can take up to 3 toroids, for monitoring 3 separate circuits Several consumption indicators can be installed to monitor more than 3 circuits on the installation Instantaneous and cumulative display of the consumption for each circuit and display of consumption on touch screens Display can be in the form of histograms or statistical data Consumption data can be stored for 1 year, hour by hour, 2 years day by day or 12 years month by month
		Additional toroid
1	BT-3523	 Operates with consumption indicator Cat.No 0 035 55 Also operates with controller Cat.No BT-F522 for load diagnostics 90 A max. Cable cross-section 25 mm² max.

		Connectors
		Spare parts for consumption indicator Cat.No BT-F520 and controllers Cat.Nos BT-F521, BT-F523 and BT-F522
10	BT-3508BUS	 BUS connector, depth 3.81 mm
10	BT-3508U2	2-pole connector
10	BT-3508U3	3-pole connector

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BUS energy management (continued)

BT-F522

Pack	Cat.Nos	Load and load shedding management
1	BT-F521	**Central control unit** Used to define an energy threshold and manage load shedding priorities set on controllers to avoid unwanted interruptions as a result of exceeding the energy contract Manages up to 63 controllers The max. authorised power threshold can be defined The settings can be activated/deactivated from the touch screen Instantaneous and cumulative display of circuit consumption on the touch screen Integrated memory module For installation in the consumer unit 1 DIN module 17.5 mm
1	BT-F523	**16 A controller** Used to define a priority level for a circuit in the context of a load shedding function For installation in the consumer unit 1 DIN module 17.5 mm Can be used as an electronic control box controller and/or an energy management controller
1	BT-F522	**16 A controller with consumption measurement** Used to define a priority level for a circuit in the context of a load shedding function For installation in the consumer unit 1 DIN module 17.5 mm Can be used as an electronic control box controller and/or an energy management controller Measures the consumption of the load being controlled and displays instantaneous and cumulative consumption with separate reset Diagnostics of the load being controlled with use of toroid Cat.No BT-3523

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BUS temperature control

0 674 59 + plate 5 714 02

BT-3454

Pack	Cat.Nos	Display thermostat
1	0 674 59	Flush-mounting thermostat with backlit display Can be used to control the temperature of an individual zone Features a temperature probe and an input for connecting a contact line (e.g. window contact) Can be used to manage different types of systems, and to adjust the fan speed when fan coils are used Possibility of automatic operation (summer/winter), with compatible systems 2 modules To be equipped with support frame and plates (p. 594-603)
1	BT-3454	**Temperature probe** Temperature interface with input for external sensors Can work as master and slave probe Compatible with external temperature sensors Cat.No BT-3457 and Vantage VT-FLUSHSENSOR
1	BT-F430/2	**DIN rail actuators 100/240 V∿ - 50/60 Hz** **Actuator with 2 independent relays** For single and double loads: 6 A resistive, 3 A motorised valves and pumps 2 DIN modules 17.5 mm
1	BT-F430/4	**Actuator with 4 independent relays** For single, double or mixed loads: 6 A resistive, 3 A motorised valves, pumps and fan-coils 2 DIN modules 17.5 mm
1	BT-F430R8	**DIN actuators for the control of ON/OFF valves, motorised valves, pumps and fan coils with 0-10 V proportional valves** Actuator with 8 independent relays for the control of on-off valves, motorised valves (open-close and three-point valves), pumps and fan coils with 2 and 4 tubes 4 A resistive, 1 A motorised valves, pumps and fan coils 4 DIN modules 17.5 mm
1	BT-F430R3V10	Actuator with 3 independent relays and 2 x 0-10 Volt outputs for the control of fan coils with 2 and 4 tubes with 0-10 Volt proportional valves 4 A resistive, 1 A fan coils 4 DIN modules 17.5 mm
1	BT-F430V10	Actuator with 2 x 0-10 Volt outputs for the control of 0-10 V proportional valves 2 DIN modules 17.5 mm

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BUS common accessories

BT-E56

BT-F425

BT-F422

Other devices

BT-3501/AUX

BT-3501/GCEN

Load selection charts **p. 646**

Pack	Cat.Nos	BUS power supplies
1	BT-E56	Power supply for automation system Rated voltage 110-240 V~ 50/60 Hz Rated current 730-400 mA Output 28.5 V⎓ 1.2 A max. 6 modules
1	BT-E49	**27 V⎓ - 0.6 A** Maximum current supplied: 0.6 A 2 DIN modules 17.5 mm Input voltage: 230 V~ - output voltage 27 V⎓
1	BT-346020	**Additional power supply** Provides power for Webserver 2 DIN modules 17.5 mm
		BUS/SCS cables
		Conform to IEC 45-5 and IEC 20-20 Grey
1	BT-L4669	Length 100 m
1	BT-L4669/500	Length 500 m
1	BT-L4669KM1	Length 1000 m Supplied on wooden reels
		BUS spare clamp
10	BT-3515	Used to connect the various system components (controls, dimmers, etc) to the BUS line Male connector
		USB cable
1	BT-3559	Programming cable
		Additional DIN devices
1	BT-F425	**Memory module for actuators** Restore the last state of an actuator in case of a power failure 2 DIN modules 17.5 mm
1	BT-F422	**SCS-SCS gateway (extension)** Allows the extension of the installation or the integration between different functions Suitable for larger installations 2 DIN modules 17.5 mm

Pack	Cat.Nos	Plug-in jumpers
		Jumpers Used to associate an address with the different system components
1	BT-3501/0	0
1	BT-3501/1	1
1	BT-3501/2	2
1	BT-3501/3	3
1	BT-3501/4	4
1	BT-3501/5	5
1	BT-3501/6	6
1	BT-3501/7	7
1	BT-3501/8	8
1	BT-3501/9	9
1	BT-3501/GEN	GEN
1	BT-3501/GR	GR
1	BT-3501/AMB	AMB
1	BT-3501/AUX	AUX
1	BT-3501/ON	ON
1	BT-3501/OFF	OFF
1	BT-3501/OI	O/I
1	BT-3501/PUL	PUL
1	BT-3501/SLA	SLA
1	BT-3501/CEN	CEN
1	BT-3501/T	↑↓
1	BT-3501/TM	↑↓M
1	BT-3501K/1	Kit with: AUX, GEN, GR, AMB, ON, OFF, O/I, PUL, SLA,CEN, ↑↓, ↑↓M (10 pieces of each figure)
1	BT-3501K	Kit with «0 to 9» jumpers (10 of each number)
		Plier
1	BT-3502	Plier for plug-in jumpers

HOSPITALITY BUILDING

Guest room management system

Welcome your guest with dedicated scenes and provide the intuitive control of lights, curtains, shutters and temperature for a unique experience. Two possibilities of installation.

UX for Upscale Hotel

Range of devices for premium hotels

- Room control unit in addition to room function
- Room controller for each room to control all functions
- With high possibility of customization and integration

See p. 653

UX One

Scalable solution for midscale hotel

- Room controller inside the thermostat
- For midscale hotels, ideal for retrofits
- Accessories and compatibility with wiring devices to control room comfort

See p. 655

Arteor stand-alone hotel solutions

See p. 590

Hotel equipment

Arteor BUS

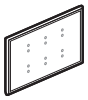
0 675 92 + plate 5 713 82

0 674 59 + plate 5 714 02

5 739 05

Support frame and plate selection charts **p. 594-603**

Pack	Cat.Nos	Scenario controller
		8 push-buttons control for lighting, automation, sound diffusion and scenario functions For controlling a number of controllers and managing 4 scenarios
		4 scenarios
1	0 675 92	2 modules Equipped with cover plates Supplied complete with scenario identification label
		To be equipped with support frame and plates (p. 594-603)

Pack	Cat.Nos	Multi-functions touch control mechanisms
		For controlling 1 or 2 controllers (i.e. ON/OFF, shutters, scenario control) sound system, door release control, dimming: gradual switching on or off depending on the selected configuration Supplied complete, equipped with white or black touch plates To be installed in flush-mounting boxes
		Up to 4 scenarios - 2 modules
1	5 739 04	○ White - for BS flush-mounting boxes
1	5 739 05	● Black - for BS flush-mounting boxes
		Up to 6 scenarios - 3 modules
		For installation in BS, Italian or US flush-mounting boxes
1	5 739 12	 ○ White
1	5 739 13	● Black

Pack	Cat.Nos	Display thermostat
1	0 674 59	Flush-mounted thermostat with backlit display To be equipped with Arteor support frame and plates (p. 594-603) Can be used to control the temperature of an individual zone, both if a temperature central unit is and is not present Features a temperature probe and an input for the connection of a contact line (i.e. window contact). Can be used for the management of different types of systems, and the adjustment of the fan speed when fan coils are used Possibility of automatic operation (summer/winter), with compatible systems 2 modules

0 675 90 + plate 5 713 62

0 675 93 + key plate
5 743 97 + plate 5 752 13

Support frame and plate selection charts **p. 594-603**

Pack	Cat.Nos	Keycard switches BUS/SCS
		Equipped with rocker plates To be equipped with support frames (p. 613) and plates (p. 594-603) For energizing a circuit by inserting a key fob Time delay of approx. 30 s after card removal Lighting of the slot by LED 2 modules
		Mechanical keycard switch
1	5 722 35	○ White
1	5 727 35	● Magnesium
		RFID keycard switch Only works with ISO 13.56 MHz badges
1	5 722 36	○ White
1	5 727 36	● Magnesium
		DO NOT DISTURB - MAKE UP THE ROOM control indicators
		To be equipped with support frames (p. 613) and plates (p. 594-603)
1	0 675 90	External indicator and bell push-button
1	0 675 91	External indicator and bell push-button + badge reader
		DO NOT DISTURB - MAKE UP ROOM mechanism to be equipped
		Mechanism
1	0 675 93	2 modules To be equipped with key cover, support frames (p. 613) and plates (p. 594-603)
		Couple of cover plates with DO NOT DISTURB symbol and MAKE UP ROOM symbol
2	5 743 96	○ White
2	5 743 97	● Magnesium

BT-348402

BT-MH201

Pack	Cat.Nos	Reception products
		Badge - key card
10	0 675 89	Credit card shaped badge (ISO 50 x 80 mm) It uses transponder technology with frequency 13.56 MHz To be used with programmer Cat.No 348402 The badge can be customized
		Programmer
1	BT-348402	Desk device to be connected to the PC (at the reception) to program badges
		Room products
		IP scenario module
1	BT-MH201	Manages scenarios related to hotel rooms (With basic time and logic conditions) Works as a gateway for the Configuration software
		Bacnet Room Controller Units Power modules equipped with output contacts for controlling: - different types of ON/OFF load (lighting, roller shutters, contactors, motors, etc.) - a DALI dimming output for 64 ballasts max. Loads are managed by the controls to which they are linked: either by BUS SCS controls, or by wired connection input terminals (switches, push-buttons, volt-free contacts)
1	0 484 08	8 inputs - 10 outputs 8 DIN modules 17.5 mm
1	0 484 12	16 inputs - 16 outputs 12 DIN modules 17.5 mm
		Infrastructure products To be associated with Cat.No BT-MH201
		Softwares Software for the monitoring of the status of the room, for the corresponding basic management and the programming of badges
1	BT-3544SW	For hotels with up to 20 rooms
1	BT-3546SW	For hotels over 20 rooms

Hotel equipment - user interfaces

UX for Upscale Hotel

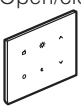
0 487 77

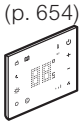
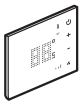
0 487 74

0 487 72

0 487 73

Touch devices for an intuitive and easy use of different rooms functions
These devices have to be associated with room controllers IP/Bacnet Cat.No 0 484 08/12 or IP scenario module Cat.No BT-MH201
Possibility to customize touch control using configurator on Legrand website: icon, color, hotel logo, mounting support, etc
Connection to a 27 V BUS power

Pack	Cat.Nos	Scenario controllers
		To be equipped with support frame Cat.No 0 487 79 (p. 654)
1	0 487 77	**2-scene and DO NOT DISTURB – MAKE UP ROOM activation** 4 gang touch plate wake up, sleep, DO NOT DISTURB – MAKE UP ROOM ● Black
1	0 487 74	**6-scene activation** 6 gang touch plate wake up, sleep, TV, Master OFF, Open/close curtains  ● Black

Pack	Cat.Nos	Bedside panel BUS/SCS
1	0 487 72	Temperature control, DO NOT DISTURB activation and 5 scenes controls (Master OFF, wake up, sleep, TV, reading) To be equipped with support frame Cat.No 0 487 79 (p. 654)  ● Black
1	0 487 73	**Display thermostat**  ● Black Features a temperature and humidity probe and an input for connecting a contact line (i.e. window contact) Can be used to manage different types of systems, and to adjust the fan speed when fan coils are used Possibility of automatic operation (summer/winter), with compatible systems To be equipped with support frame Cat.No 0 487 79 (p. 654)

Product customisation possible using software available on www.uxforupscalehotel.legrand.com

Hotel equipment - user interfaces

UX for Upscale Hotel (continued)

0 487 76

0 487 70

Pack	Cat.Nos	Control indicators for room management
		To be equipped with support frame Cat.No 0 487 79
1	0 487 75	**DO NOT DISTURB – MAKE UP ROOM external indicator and bell push-button** ● Black
1	0 487 76	**DO NOT DISTURB – MAKE UP ROOM external indicator and bell push-button + badge reader** ● Black
1	0 487 78	**Movement detector** PIR sensor for virtual key-card function To be installed in false ceiling Ø20 mm It detects guest presence and activates room functions

Pack	Cat.Nos	Keycard switches BUS/SCS
		DO NOT DISTURB – MAKE UP ROOM activation 2 modules To be equipped with support frame Cat.No 0 487 79
1	0 487 70	**Keycard reader with badge discrimination (guest or staff)** ● Black Enable launching of different actions depending on guest or staff incoming
1	0 487 71	**Keycard holder** Only works with ISO 13.56 MHz badges ● Black

Pack	Cat.Nos	Accessories
1	0 487 79	**Support frame** For flush-mounting in 2 and 3 modules flush-mounting boxes
5	0 487 90	**Flat mounting accessory** For extra-slim flush-mounting installation (i.e. furniture) Replace use of support frame Cat.No 0 487 79
5	0 489 91	Frame for flat mounting accessory ● Black
5	0 489 92	Frame for flat mounting accessory ○ White
5	0 489 84	Frame for flat mounting accessory Custom

Hotel room management

UX One touch controls, actuators and accessories

January 2024

0 489 00

0 489 15

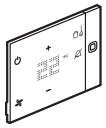
0 489 90 + 0 489 00 + 0 489 91

0 489 10

UX one connected thermostat with room occupancy sensor to optimise energy management can be used for both heating and/or air conditioning
It allows to choose and display the setpoint temperature, ventilation speed and switch to thermal protection mode
The screen displays the measured ambient temperature or the setpoint temperature
Possibility to add up to three wired devices to the thermostat, such as motion sensor Cat.No 0 487 78 or door/window sensor Cat.No 0 419 03 (p. 654-657)
It has one relay output to drive a power contactor
Integrated Zigbee 3.0 and Bacnet protocol for connection with a BMS (building management system)
UX One thermostat parameters and peripherals are configured through Hotel + Project software
Up to three additional functions: "DO NOT DISTURB"/"MAKE UP ROOM"/"Scenarios"
Possibility to customize touch control using configurator on Legrand website: icon, color, hotel logo, mounting support, etc
Wall-mounted at a height of approximately 150 cm above floor level, unless otherwise specified by standards in force

Flush-mounted thermostats 230 V

Supplied complete with flush-mounting box
Mounted using support Cat.No 0 489 90 and frames Cat.No 0 489 92 or Cat.No 0 489 91 for flush-mounting

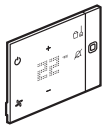


● Black
○ White

Pack	Cat.Nos	
	Standard	"DO NOT DISTURB"/ "MAKE UP ROOM"
1	0 489 00	0 489 15
1	0 489 02	0 489 24

Flush-mounted thermostats 24 V

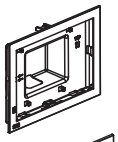
Supplied complete with flush-mounting box
Mounted using support Cat.No 0 489 90 and frames Cat.No 0 489 91 or Cat.No 0 489 92 for flush-mounting



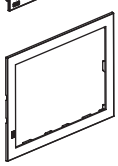
● Black
○ White

Pack	Cat.Nos	
	Standard	"DO NOT DISTURB"/ "MAKE UP ROOM"
1	0 489 04	0 489 27
1	0 489 06	0 489 29

Accessories



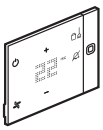
Box and support for flush-mounting
For ultra-slim mounting of touch controls



Frames for flush-mounting
● Black
○ White
Custom

Pack	Cat.Nos
5	0 489 90
5	0 489 91
5	0 489 92
5	0 489 84

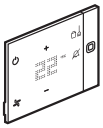
Surface-mounted thermostats 230 V



● Black
○ White

Pack	Cat.Nos	
	Standard	"DO NOT DISTURB"/ "MAKE UP ROOM"
1	0 489 01	0 489 23
1	0 489 03	0 489 25

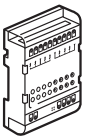
Surface-mounted thermostats 24 V



● Black
○ White

Pack	Cat.Nos	
	Standard	"DO NOT DISTURB"/ "MAKE UP ROOM"
1	0 489 05	0 489 28
1	0 489 07	0 489 30

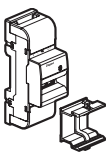
HVAC actuator



Power supply 110/240 VAC
For combined use with UX One thermostats to control heating/air conditioning/ventilation
Can control different load types depending on requirements

Pack	Cat.Nos
1	0 489 10

DIN rail mounted ON/OFF actuator



Zigbee 3.0 and Green Power technologies combined, including the Proxy and Sink functions, on the ISM 2.4 GHz band (2400/2483.5 MHz), with 16 channels (11 to 26) Max.
RF power < 20 dBm/100 mW
Range: 150 m in unobstructed space, point to point

Pack	Cat.Nos
1	0 038 02

Other configurations available on request
Contact your regional department

Installation and user guide for hotel rooms
UX One solutions

Red catalogue numbers: New products

Hotel room management

Wireless batteryless accessories for UX One rooms

January 2024

5 742 86
+ plate 5 752 10

5 742 92
+ plate 5 713 02

5 742 88
+ plate 5 752 10

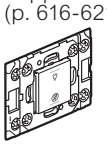
5 742 87
+ plate 5 752 10

For completing your UX One installation, require prior installation of a "with Netatmo" connected gateway pack (p. 606) for Arteor with Netatmo light switches (Zigbee 3.0) or lighting micromodules
Supplied with repositionable adhesive pads for fixing the switch to any support, can also be installed in a multi-gang configuration
Extra-slim standalone switches
Zigbee 3.0 compatible
Products available from a connected Authorised Dealer

Wireless batteryless ON/OFF master switches

Used to add two extra life scenes to a connected installation
Arteor with Netatmo version
Supplied with support, to be equipped with a plate (p. 616-621)

Pack	Cat.Nos
1	5 742 86
1	5 743 21
1	5 748 28
1	5 742 92

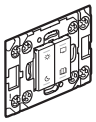


White
Magnesium
Champagne
Soft Alu

Wireless batteryless 4-scenario Day/Night/Reading/TV switches

Used to add 4 extra life scenes to a connected installation
Arteor with Netatmo version
Supplied with support, to be equipped with a plate (p. 616-621)

Pack	Cat.Nos
1	5 742 88
1	5 743 23
1	5 748 37
1	5 742 94

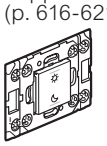


White
Magnesium
Champagne
Soft Alu

Wireless batteryless 2-scenario Day/Night switches

Used to add 2 extra life scenes to a connected installation
Arteor with Netatmo version
Supplied with support, to be equipped with a plate (p. 616-621)

Pack	Cat.Nos
1	5 742 87
1	5 743 22
1	5 748 36
1	5 742 93



White
Magnesium
Champagne
Soft Alu

Hotel room management

UX One radio controls

January 2024

0 884 20

Products compatible with UX One thermostats

Pack	Cat.Nos	Badge reader micromodule
1	0 884 20	For connecting a conventional keycard reader to a Zigbee 3.0 installation and Green Power technologies combined, including the Proxy and Sink functions, on the ISM 2.4 GHz band (2400/2483.5 MHz), with 16 channels (11 to 26) Max. RF power < 20 dBm/100 mW Range: 150 m in unobstructed space, point to point

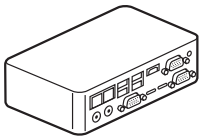
Pack	Cat.Nos	"Do not disturb/Make up room" Arteor switch
		Zigbee 3.0 and Green Power technologies combined, including the Proxy and Sink functions, on the ISM 2.4 GHz band (2400/2483.5 MHz), with 16 channels (11 to 26) Max. RF power < 20 dBm/100 mW Range: 150 m range in unobstructed space, point to point Supplied with cover plate, to be equipped with a Batibox support and a Arteor plate (p. 594)
1	5 701 09	○ White
1	5 701 11	● Magnesium
1	5 701 12	● Champagne
1	5 701 10	● Soft Alu

Hotel room management

UX One room monitoring

January 2024

0 489 09

Pack	Cat.Nos	Hotel gateway
1	0 489 09	 For centralising all UX One thermostat data to be fed to a room monitoring interface for hotel reception Also used to control rooms remotely from hotel reception (scenarios, temperature) One hotel gateway per installation

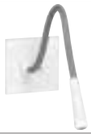
BRITISH STANDARD WIRING ACCESSORIES

▶ NEW PRODUCTS

P. 661-667
Eloé™ range

P. 686-704
Mallia™ Senses range

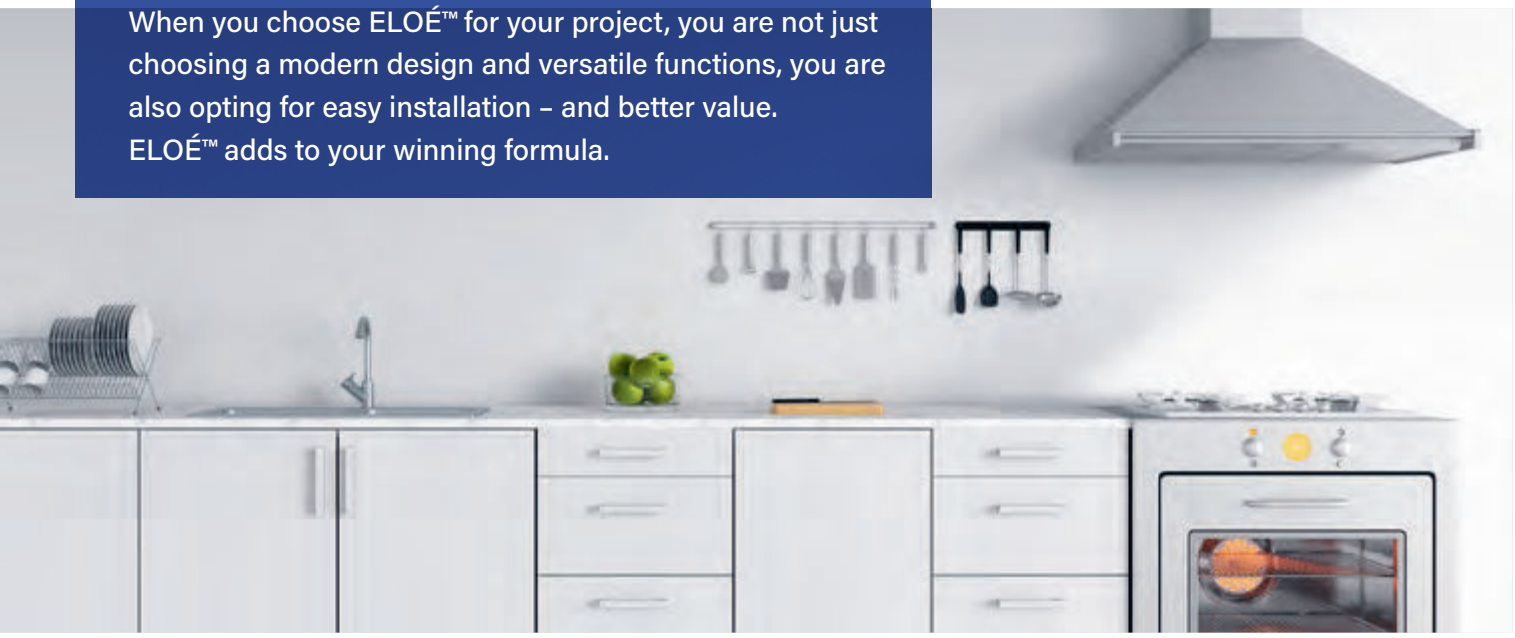
P. 706-712
Mallia™ Senses with Netatmo - connected range

ELOÉ™	P. 661 N Switches, push-buttons and cooker control unit	P. 663 N Dimmers and ventilation control	P. 663 N Television, telephone and data sockets	P. 664 N Hotel equipment	P. 665 N Socket outlets and fused connection units
BELANKO™ S	P. 669 N Switches, push-buttons and cooker control unit	P. 671 N Dimmers and ventilation control	P. 672 N Television, telephone and data sockets	P. 673 N Hotel equipment	P. 674 N Socket outlets and fused connection units
GALION™	P. 678 N Switches, push-buttons and cooker control unit	P. 679 N Dimmers and fan controls	P. 680 N Socket outlets and fused connection units	P. 682 N Television, telephone and data sockets	P. 683 N Hotel equipment
MALLIA™ SENSES	P. 686 N Single pole and double pole switches	P. 690 N Electronic switches	P. 690 N Push-buttons	P. 691 N Roller blind controls	P. 692 N Automatic switches
	P. 693 N Dimmers	P. 694 N Fan controls, cooker control units and panic buttons	P. 694 N Telephone, data and television sockets	P. 696 N Audio and video sockets	P. 697 N British standard socket outlets
	P. 699 N Multistandard socket outlets and cable outlets	P. 700 N Euro-US and German standards socket outlets	P. 700 N Fused connection units and USB charger	P. 701 N Hotel equipment	P. 702 N Step lights and room temperature control units
MALLIA™ SENSES WITH NETATMO	P. 706 N Connected gateway pack	P. 706 N Connected light switches and micromodule switches	P. 708 N Socket outlets and mobile socket outlets	P. 709 N Connected curtain/ roller blind switches, module for garage door and gate	P. 710 N Wireless switches (lights, curtain/roller blinds, scenes)
ART D'ARNOULD COLLECTION	P. 714 N Switches and push-buttons	P. 714 N Dimmer	P. 714 N British standard socket outlets and USB charger	 P. 715 N Telephone, data and television sockets, reading light	
SYNERGY™	P. 716 Synergy white	P. 722 Synergy Authentic	P. 727 Synergy Sleek Design	P. 732 Front plates for Arteor mechanisms	P. 733 Synergy grid system & Synergy Metalclad

ELOÉ™

Everything just adds up

When you choose ELOÉ™ for your project, you are not just choosing a modern design and versatile functions, you are also opting for easy installation – and better value. ELOÉ™ adds to your winning formula.



Add details that matter

ELOÉ™ combines design details that make sense and add to the overall experience:

- large rocker
- subtle curves
- strong profile
- glossy finish

Add value to your productivity

ELOÉ™ takes the uncertainty out of your project by making every installation simple, fuss-free and safe.

Add possibilities to projects

Whether you are working on an integrated development or a straightforward build, ELOÉ™ provides the functions you need!

4-gang switch

200 W LED dimmer

1-gang British standard 13 A socket with USB Type-A charger

2-gang British standard 13 A socket with USB Type-A & Type-C dual charger

ELOÉ™

single pole switches and push-buttons

6 180 01

6 180 05

6 180 07

6 180 11

6 180 16

Conform to BS EN 60669-1
Material: Thermoplastic with glossy finish
Dimensions: 86 x 86 x 9.5 mm (1-gang) / 86 x 146 x 9.5 mm (2-gang)
Supplied with 2 screws M3.5 for BS boxes

Pack	Cat.Nos	Single pole switches 16 AX - 250 V~
10	6 180 00	**1-gang 1-way switch** ○ White
10	6 180 01	**1-gang 2-way switch** ○ White
10	6 180 02	**2-gang 1-way switch** ○ White
10	6 180 03	**2-gang 2-way switch** ○ White
10	6 180 09	**1-gang intermediate switch** ○ White
10	6 180 04	**3-gang 1-way switch** ○ White
10	6 180 05	**3-gang 2-way switch** ○ White
10	6 180 06	**4-gang 1-way switch** ○ White
10	6 180 07	**4-gang 2-way switch** ○ White

Pack	Cat.Nos	Single pole switches 16 AX - 250 V~ (continued)
5	6 180 24	**2x2-gang 2-way switch** ○ White
5	6 180 66	**2x3-gang 1-way switch** ○ White
5	6 180 68	**2x4-gang 1-way switch** ○ White
10	6 180 20	**Single pole switches 20 AX - 250 V~** **1-gang 1-way switch** ○ White
10	6 180 22	**2-gang 1-way switch** ○ White
10	6 180 10	**Push-buttons 6 A - 250 V~** **1-gang** ○ White
10	6 180 15	**2-gang** ○ White
10	6 180 11	**Bell push** ○ White
10	6 180 16	**2-gang for shutters** ○ White

Red catalogue numbers: New products

ELOÉ™

double pole switches and cooker control unit

6 180 72

6 180 76

6 180 78

Material: Thermoplastic with glossy finish
Dimensions: 86 x 86 x 9.5 mm (1-gang) / 86 x 146 x 9.5 mm (2-gang)
Supplied with 2 screws M3.5 for BS boxes

Double pole switches 20 A - 250 V~

Pack	Cat.Nos	
10	6 180 70	**1-gang 1-way switch + red neon indicator** ○ White
10	6 180 71	**1-gang 1-way switch + red neon indicator + 1 earth connection** ○ White
10	6 180 71SH	**1-gang 2-way switch + red neon indicator + 2 earth connection** ○ White
10	6 180 72	**1-gang 1-way switch + red neon indicator + 1 earth connection with "Water Heater" marking** ○ White
10	6 180 79	**1-gang 2-way switch + red neon indicator + 1 earth connection with "Water Heater" marking** ○ White

Double pole switches 32 A - 250 V~

Pack	Cat.Nos	
10	6 180 74	**1-gang 1-way switch + red neon indicator** ○ White

Double pole switches 45 A - 250 V~

Pack	Cat.Nos	
10	6 180 75	**1-gang 1-way switch** ○ White
10	6 180 76	**1-gang 1-way switch + red neon indicator** ○ White
5	6 180 77	**2-gang 1-way vertical switch + red neon indicator** ○ White

Cooker control unit - 250 V

Pack	Cat.Nos	
5	6 180 78	**45 A double pole switch + red neon and 13 A BS switched socket outlet + red neon** ○ White

Red catalogue numbers: New products

ELOÉ™

dimmers and ventilation control

6 180 35

6 180 96

Material: Thermoplastic with glossy finish
Dimensions: 86 x 86 x 9.5 mm (1-gang)
Supplied with 2 screws M3.5 for BS boxes

Pack	Cat.Nos	Dimmers
		Conform to BS EN 60669-2-1
1	6 180 31	**500 W RL dimmer** Push ON/OFF and rotary dimmer - 50/60 Hz 1-gang 2-way : - 60-500W (230 V) for halogen lamps with electronic transformer with leading edge behaviour ○ White
1	6 180 35	**200 W LED + 300 W Incandescent Rotary dimmer** For all types of lamps: - dimmable LEDs: 5 to 200 W LED (10 lamps max. 5 to 37 W LED (100 V)) - dimmable compact fluorescent lamps: 5 to 75 VA (10 lamps max. 5 to 37 VA (100 V)) - halogen with ferromagnetic or electronic transformer: 5 to 300 VA / 5 to 150 VA (100 V) - fluorescent tube - ballast: 5 to 300 VA / 5 to 150 VA (100 V) - halogen and incandescent 240 V~ 5 to 300 W / 5 to 150 W (100 V) When switched on, gradually (2 seconds) lights up at the level set before last switch-off ○ White
1	0 401 49	**Active Power Bleeder** Makes 2-wire electronic lighting control units without neutral compatible with all commercially-available loads (LED, compact fluorescent, ELV halogen with ferromagnetic or electronic ballast, 230 V halogen, fluorescent tube, incandescent) Consumption 0.4 W
1	6 180 96	**5-speed fan control** Conform to BS EN 60669-2-1 **Fan control 240 V~ - 50 Hz 100 VA** ○ White

ELOÉ™

television and telephone sockets

6 180 27

6 180 38

6 180 95

Material: Thermoplastic with glossy finish
Dimensions: 86 x 86 x 9.5 mm (1-gang)
Supplied with 2 screws M3.5 for BS boxes

Pack	Cat.Nos	Television sockets
10	6 180 27	**Single TV socket, female** ○ White
10	6 180 26	**Single TV socket, F-type** ○ White
10	6 180 38	**Double TV socket, female + SAT, F-type** ○ White
5	6 180 32	**TV-R-SAT socket** ○ White
		Telephone sockets
5	6 180 95	**BS master** ○ White
10	6 180 97	**RJ 11 socket** ○ White

Red catalogue numbers: New products

ELOÉ™

data sockets

6 180 93

6 180 34

Material: Thermoplastic with glossy finish
Dimensions: 86 x 86 x 9.5 mm (1-gang)
Supplied with 2 screws M3.5 for BS boxes

Pack	Cat.Nos	Data sockets
10	6 180 93	**RJ 45 cat. 5 UTP** ○ White
10	6 180 91	**RJ 45 cat. 6 UTP** ○ White
10	6 180 92	**Double RJ 45 cat. 6 UTP** ○ White
10	6 180 17	**1-gang - single Keystone adaptor** ○ White
10	6 180 34	**1-gang - double Keystone adaptor** ○ White

ELOÉ™

hotel equipment

6 180 12

6 180 18

6 180 37 + 5 720 78

Material: Thermoplastic with glossy finish
Dimensions: 86 x 86 x 9.5 mm (1-gang) / 86 x 146 x 9.5 mm (2-gang)
Supplied with 2 screws M3.5 for BS boxes

Pack	Cat.Nos	Key card switch
1	6 180 12	Conform to BS EN 60669-2-1 16 A - 230 V~ - 50/60 Hz Time delay of approx. 30 s after card removal Use card with width max. 54 mm ○ White

Pack	Cat.Nos	Hotel bedroom call indicators
		Enable the resident to inform hotel staff of the room status. 2 settings: - Do not disturb - Make up room
10	6 180 13	**External Indicator for corridor** Installed in the corridor, displays calls ○ White
10	6 180 14	**Internal control unit** Installed in the room, allows the user to select the desired setting ○ White

Pack	Cat.Nos	Shaver sockets
1	6 180 18	Conform to BS 61558. 115/230 V - 20 VA - 50/60 Hz Surface or flush-mounting, back box to be min. 47 mm deep. Spacer delivered to fit in standard box, 35 mm deep **2-gang** ○ White

Pack	Cat.Nos	Arteor adaptor
10	6 180 37	Allows the integration of 2-module Arteor mechanisms such as R.C.B.O., automatic switch, skirting light, USB charger, etc **1-gang** ○ White

For integration of Arteor functions, see **Arteor offer p. 558**

Red catalogue numbers: New products

ELOÉ™

socket outlets

6 180 41

6 180 49

6 180 58

6 180 44

Material: Thermoplastic with glossy finish
Dimensions: 86 x 86 x 9.5 mm (1-gang) / 86 x 146 x 9.5 mm (2-gang)
Supplied with 2 screws M3.5 for BS boxes

Pack	Cat.Nos	British Standard socket outlets 13 A - 250 V~
		Conform to BS 1363-2
10	6 180 41	**1-gang single pole switched** ○ White
5	6 180 46	**2-gang single pole switched** ○ White
10	6 180 40	**1-gang unswitched** ○ White
5	6 180 45	**2-gang unswitched** ○ White
10	6 180 43	**1-gang double pole switched** ○ White
5	6 180 73	**1-gang double pole switched 2 earth terminal** ○ White
5	6 180 48	**2-gang double pole switched** ○ White
10	6 180 42	**1-gang single pole switched + neon** ○ White
5	6 180 47	**2-gang single pole switched + neon** ○ White
5	6 180 49	**2-gang single pole switched with red cover + neon** ● Red

Pack	Cat.Nos	British Standard socket outlets 13 A - 250 V~ with USB charger
		Conform to BS 1363-2 Conform to IEC 60950-1
1	6 180 58	**1-gang single pole switched with USB Type-A - 3 A - 5 V⎓ - 15 W** Consumption in passive mode < 0.08 W ○ White
1	6 180 57	**1-gang unswitched with USB Type-A - 3 A - 5 V⎓ - 15 W** Consumption in passive mode < 0.08 W ○ White
1	6 180 30	**1-gang unswitched with USB Type-C - 3 A - 5 V⎓ - 15 W** Consumption in passive mode < 0.08 W ○ White
1	6 180 44	**2-gang single pole switched with USB Type-A + Type-C - 3 A - 5 V⎓ - 15 W** Consumption in passive mode < 0.08 W ○ White

Pack	Cat.Nos	British Standard socket outlets 15 A - 250 V~
		Conform to BS 546
10	6 180 51	**1-gang single pole switched** ○ White
5	6 180 52	**1-gang single pole switched + neon** ○ White
5	6 180 53	**2-gang single pole switched** ○ White

Pack	Cat.Nos	British Standard socket outlets 5 A - 250 V~
		Conform to BS 546
10	6 180 54	**1-gang single pole switched** ○ White

Red catalogue numbers: New products

6 180 64

6 180 69

6 180 55

Material: Thermoplastic with glossy finish
Dimensions: 86 x 86 x 9.5 mm (1-gang) / 86 x 146 x 9.5 mm (2-gang)
Supplied with 2 screws M3.5 for BS boxes

Pack	Cat.Nos	Euro/US socket outlets - 16 A - 250 V~ / 15 A - 127 V~
10	6 180 62	**1-gang 2 x 2P** ○ White
10	6 180 90	**1-gang 2 x 2P switched** ○ White
10	6 180 64	**1-gang 2 x 2P+E** ○ White
10	6 180 56	**German Standard socket outlet 16 A - 250 V~** **1-gang 2P+E with shutters for child protection** ○ White
10	6 180 67	**Multistandard switched socket outlet 15 A 127 V~ / 16 A 250 V~** **1-gang** ○ White
5	6 180 69	**2-gang** ○ White

Pack	Cat.Nos	Multistandard switched socket and Euro/ US socket outlets
10	6 180 65	**1-gang** ○ White
1	6 180 59	**Multistandard switched socket outlets 16 A 250 V~ / 15 A - 127 V~ with USB charger** Shuttered for child safety USB charger conform to IEC 60950-1 **1-gang 2P+E with USB Type-A - 3 A - 5 V⎓ - 15 W** Consumption in passive mode < 0.08 W ○ White
1	6 180 55	**2-gang 2 x 2P+E with USB Type-A + Type-C - 3 A - 5 V⎓ - 15 W** Consumption in passive mode < 0.08 W ○ White

ELOÉ™

fused connection units and cable outlets

6 180 82

6 180 85

Material: Thermoplastic with glossy finish
Dimensions: 86 x 86 x 9.5 mm (1-gang) / 86 x 146 x 9.5 mm (2-gang)
Supplied with 2 screws M3.5 for BS boxes

Pack	Cat.Nos	Fused connection units 13 A
		Conform to BS 1363-4
10	6 180 80	**Unswitched + cord outlet** ○ White
5	6 180 81	**Switched + cord outlet** ○ White
10	6 180 60	**Unswitched + neon + cord outlet** ○ White
10	6 180 82	**Switched + neon + cord outlet** ○ White
		Cable outlets
		Conform to BS 5733
10	6 180 85	**20 A - 250 V~** ○ White
10	6 180 86	**45 A - 250 V~** ○ White

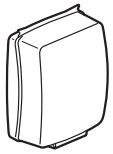
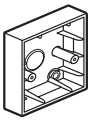
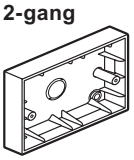
ELOÉ™

blanking plates and accessories

6 180 28

6 180 37 + 5 720 72

6 176 36 + 6 180 30

Pack	Cat.Nos	Blanking plates
		Conform to IEC 60670-1
10	6 180 28	**1-gang** ○ White
10	6 180 39	**2-gang** ○ White
		Arteor adaptor
		Allows the integration of 2-module Arteor mechanisms such as R.C.B.O., automatic switch, skirting light, USB charger, etc
10	6 180 37	**1-gang** ○ White
		Fixing accessories
		Splash-proof cover Mainly for socket protection IP 55 with or without plug engaged Space inside : 86 x 86 mm External dimensions : 129,2 x 107,2 x 54,1 mm
4	6 176 36	● Mist grey 
		Surface-mounting boxes
		Conform to BS 5733 Depth 35 mm
8	6 133 50	**1-gang** ○ White 
4	6 133 51	**2-gang** ○ White 

For integration of Arteor functions, see **Arteor offer p. 558**

Red catalogue numbers: New products

BELANKO™ S

Simplicity meets style

Belanko™ S means simplicity, style, safety and much more !

White

Ivory

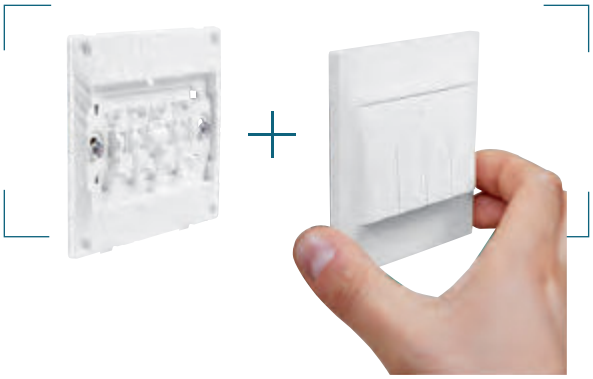
Anthracite

Stylish design

Whether you go for timeless classics or something different, Belanko™ S colours blend perfectly with every type of decor. The combination of glossy and matt finishes gives the range a distinctive look, while the slim profile adds a modern touch.

Safe and swift installation

We share the same goal: to get the job done fast, safely and perfectly. Belanko™ S has been engineered to meet this specific purpose. Thus, for instance, the switch plate and the rocker are supplied together as a set.



Convenient functions for hotels

The best compliment for a hotel is when guests feel at home. Belanko™ S and its hospitality functions will ensure your hotel offers a warm welcom at all times.

Belanko™ S

single pole switches and push-buttons

6 176 01

6 176 05

6 176 07

6 176 11

6 176 16

Conform to BS EN 60669-1
Material: Thermoplastic with glossy finish
Dimensions: 86 x 86 x 9.5 mm (1-gang)
Supplied with 2 screws M3.5 for BS boxes

Pack	Cat.Nos	Single pole switches 16 AX - 250 V~
		1-gang 1-way switch
10	6 176 00	○ White
10	6 177 00	● Anthracite
10	6 178 00[1]	○ Ivory
		1-gang 2-way switch
10	6 176 01	○ White
10	6 177 01	● Anthracite
10	6 178 01[1]	○ Ivory
		2-gang 1-way switch
		Two inputs, two outputs
10	6 176 02	○ White
10	6 177 02	● Anthracite
10	6 178 02[1]	○ Ivory
		2-gang 2-way switch
10	6 176 03	○ White
10	6 177 03	● Anthracite
10	6 178 03[1]	○ Ivory
		1-gang intermediate switch
10	6 176 09	○ White
10	6 177 09	● Anthracite
10	6 178 09[1]	○ Ivory
		3-gang 1-way switch
10	6 176 04	○ White
10	6 177 04	● Anthracite
10	6 178 04[1]	○ Ivory
		3-gang 2-way switch
10	6 176 05	○ White
10	6 177 05	● Anthracite
10	6 178 05[1]	○ Ivory
		4-gang 1-way switch
10	6 176 06	○ White
10	6 177 06	● Anthracite
10	6 178 06[1]	○ Ivory
		4-gang 2-way switch
10	6 176 07	○ White
10	6 177 07	● Anthracite
10	6 178 07[1]	○ Ivory

Pack	Cat.Nos	Single pole switches 20 AX - 250 V~
		1-gang 1-way switch
10	6 176 20	○ White
10	6 177 20	● Anthracite
10	6 178 20[1]	○ Ivory
		1-gang 2-way switch
10	6 176 21	○ White
10	6 177 21	● Anthracite
10	6 178 21[1]	○ Ivory
		2-gang 1-way switch
		Two inputs, two outputs
10	6 176 22	○ White
10	6 177 22	● Anthracite
10	6 178 22[1]	○ Ivory
		2-gang 2-way switch
10	6 176 23	○ White
10	6 177 23	● Anthracite
10	6 178 23[1]	○ Ivory
		3-gang 1-way switch
10	6 176 24	○ White
10	6 177 24	● Anthracite
10	6 178 24[1]	○ Ivory
		3-gang 2-way switch
10	6 176 25	○ White
10	6 177 25	● Anthracite
10	6 178 25[1]	○ Ivory
		Push-buttons 6 A - 250 V~
		1-gang
10	6 176 10	○ White
10	6 177 10	● Anthracite
10	6 178 10[1]	○ Ivory
		2-gang
		Two inputs, two outputs
10	6 176 15	○ White
10	6 177 15	● Anthracite
10	6 178 15[1]	○ Ivory
		Bell push
10	6 176 11	○ White
10	6 177 11	● Anthracite
10	6 178 11[1]	○ Ivory
		2-gang for shutters
		Two inputs, two outputs
10	6 176 16	○ White
10	6 177 16	● Anthracite
10	6 178 16[1]	○ Ivory

Red catalogue numbers: New products

1: Available on request

Belanko™ S

double pole switches and cooker control unit

6 176 72

6 176 76

6 176 78

Material: Thermoplastic with glossy finish
Dimensions: 86 x 86 x 9.5 mm (1-gang) / 86 x 146 x 9.5 mm (2-gang)
Supplied with 2 screws M3.5 for BS boxes

Double pole switches 20 A - 250 V~

Pack	Cat.Nos	
		1-gang 1-way switch
10	6 176 73	○ White
10	6 177 73	● Anthracite
10	6 178 73[1]	○ Ivory
		1-gang 1-way switch + red neon indicator
10	6 176 70	○ White
10	6 177 70	● Anthracite
10	6 178 70[1]	○ Ivory
		1-gang 1-way switch + red neon indicator + earth connection
10	6 176 71	○ White
10	6 177 71	● Anthracite
10	6 178 71[1]	○ Ivory
		1-gang 1-way switch + red neon indicator + earth connection with "Water Heater" marking
10	6 176 72	○ White
10	6 177 72	● Anthracite
10	6 178 72[1]	○ Ivory
		1-gang 1-way switch + LED indicator + 2 earth terminals
10	6 176 88	○ White
10	6 177 88	● Anthracite
10	6 178 88[1]	○ Ivory
		1-gang 1-way switch + LED indicator + 2 earth terminals with "Water Heater" marking
10	6 176 89	○ White
10	6 177 89	● Anthracite
10	6 178 89[1]	○ Ivory

Double pole switches 32 A - 250 V~

Pack	Cat.Nos	
		1-gang 1-way switch + LED indicator
5	6 176 29	○ White
5	6 177 29	● Anthracite
5	6 178 29[1]	○ Ivory

Double pole switches 45 A - 250 V~

Pack	Cat.Nos	
		1-gang 1-way switch
5	6 176 75	○ White
5	6 177 75	● Anthracite
5	6 178 75[1]	○ Ivory
		1-gang 1-way switch + red neon indicator
5	6 176 76	○ White
5	6 177 76	● Anthracite
5	6 178 76[1]	○ Ivory
		2-gang 1-way vertical switch + red neon indicator
5	6 176 77	○ White
5	6 177 77	● Anthracite
5	6 178 77[1]	○ Ivory

Cooker control unit - 250 V

Pack	Cat.Nos	
		45 A double pole switch + red neon and 13 A BS switched socket outlet + red neon
5	6 176 78	○ White
5	6 177 78	● Anthracite
5	6 178 78[1]	○ Ivory

1: Available on request

Red catalogue numbers: New products

Belanko™ S

dimmers and ventilation control

6 176 35

6 176 83

Material: Thermoplastic with glossy finish
Dimensions: 86 x 86 x 9.5 mm (1-gang)
Supplied with 2 screws M3.5 for BS boxes

Dimmers

Pack	Cat.Nos	
		500 W RL dimmer Push ON/OFF and rotary dimmer - 50/60 Hz 1-gang - 2-way : - 60-500 W (127 V) for incandescent and halogen lamps - 60-600 VA (230 V) / 60-300 VA (127 V) for halogen lamps with electronic transformer with leading edge behaviour - 60-500 VA (127 V) for halogen lamps with ferromagnetic transformers
1	6 176 31	○ White
1	6 177 31	● Anthracite
1	6 178 31[1]	○ Ivory
		300 W RLC+LED dimmer For all types of lamps: - dimmable LEDs: 5 to 75 W LED (10 lamps max. 5 to 37 W (127 V)) - dimmable compact fluorescent lamps: 5 to 75 VA (10 lamps max. 5 to 37 VA (127 V)) - halogen with ferromagnetic or electronic transformer: 5 to 300 VA / 5 to 150 VA (127 V) - fluorescent tube - ballast: 5 to 300 VA / 5 to 150 VA (127 V)) - halogen and incandescent 240 VA: 5 to 300 W / 5 to 150 W (127 V) When switched on, gradually (2 seconds) lights up at the level set before last switch-off
1	6 176 35	○ White
1	6 177 35	● Anthracite
1	6 178 35[1]	○ Ivory

Active Power Bleeder

Pack	Cat.Nos	
1	0 401 49	Makes 2-wire electronic lighting control units without neutral compatible with all commercially-available loads (LED, compact fluorescent, ELV halogen with ferromagnetic or electronic ballast, 230 V halogen, fluorescent tube, incandescent) Consumption 0.4 W

Fan speed control

Conform to BS EN 60669-1

5-speed fan control
100 W for fan with overall diameter 48"

1	6 176 83	○ White
1	6 177 83	● Anthracite
1	6 178 83[1]	○ Ivory

1: Available on request

Red catalogue numbers: New products

Belanko™ S

television, telephone and data sockets

6 176 27

6 176 38

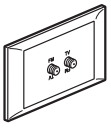
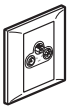
6 176 95

6 176 91

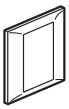
6 176 34

Material: Thermoplastic with glossy finish
Dimensions: 86 x 86 x 9.5 mm (1-gang) / 86 x 146 x 9.5 mm (2-gang)
Supplied with 2 screws M3.5 for BS boxes

Television sockets

Pack	Cat.Nos		
		Single TV socket, female	
10	6 176 27		○ White
10	6 177 27		● Anthracite
10	6 178 27[1]		○ Ivory
		Single TV socket, "F" type	
10	6 176 26		○ White
10	6 177 26		● Anthracite
10	6 178 26[1]		○ Ivory
		Double TV socket, female + "F" type	
10	6 176 38		○ White
10	6 177 38		● Anthracite
10	6 178 38[1]		○ Ivory
		TV-R socket	
10	6 176 30		○ White
10	6 177 30		● Anthracite
10	6 178 30[1]		○ Ivory
		TV-R-SAT	
10	6 176 32		○ White
10	6 177 32		● Anthracite
10	6 178 32[1]		○ Ivory

Telephone sockets

		Telephone connection block 10 connections	
10	6 176 99		○ White
10	6 177 99		● Anthracite
10	6 178 99[1]		○ Ivory
		BS master	
10	6 176 95		○ White
10	6 177 95		● Anthracite
10	6 178 95[1]		○ Ivory
		BS secondary	
10	6 176 96		○ White
10	6 177 96		● Anthracite
10	6 178 96[1]		○ Ivory
		RJ 11 socket	
10	6 176 97		○ White
10	6 177 97		● Anthracite
10	6 178 97[1]		○ Ivory
		Double RJ 11 socket	
10	6 176 98		○ White
10	6 177 98		● Anthracite
10	6 178 98[1]		○ Ivory

Data sockets

Pack	Cat.Nos		
		RJ 45 cat. 6 UTP	
10	6 176 91		○ White
10	6 177 91		● Anthracite
10	6 178 91[1]		○ Ivory
		Double RJ 45 cat. 6 UTP	
10	6 176 92		○ White
10	6 177 92		● Anthracite
10	6 178 92[1]		○ Ivory
		1-gang - single Keystone adaptor	
10	6 176 17		○ White
10	6 177 17		● Anthracite
10	6 178 17[1]		○ Ivory
		1-gang - double Keystone adaptor	
10	6 176 34		○ White
10	6 177 34		● Anthracite
10	6 178 34[1]		○ Ivory

1: Available on request

Red catalogue numbers: New products

Belanko™ S

hotel equipment

Belanko™ S

hotel equipment

6 176 12

6 176 37 + 5 720 78

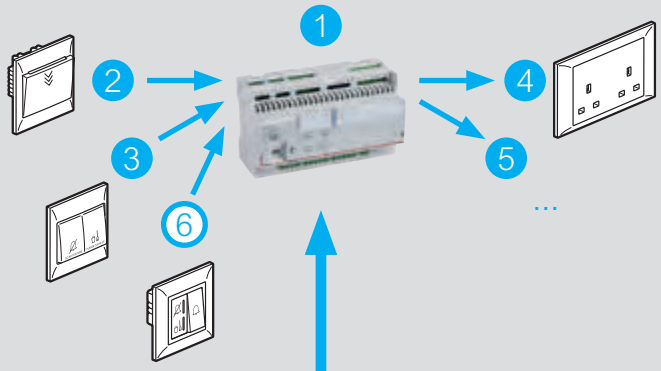
Material: Thermoplastic with glossy finish
Dimensions: 86 x 86 x 9.5 mm (1-gang)
Supplied with 2 screws M3.5 for BS boxes

Pack	Cat.Nos	
		Key card switch
		16 A - 230 V~ - 50/60 Hz Time delay of approx. 30 s after card removal Use card with width max. 54 mm
1	6 176 12	○ White
1	6 177 12	● Anthracite
1	6 178 12[1]	○ Ivory
		Hotel bedrooms call indicators
		2 settings : Do not disturb / Please clean the room
		Indicator for corridor Installed in the corridor, displays calls
10	6 176 13	○ White
10	6 177 13	● Anthracite
10	6 178 13[1]	○ Ivory
		Internal control unit Installed in the room, allows the user to select the desired setting
10	6 176 14	○ White
10	6 177 14	● Anthracite
10	6 178 14[1]	○ Ivory
		Shaver sockets
		Conform to BS 61558. 115/230 V - 20 VA - 50/60 Hz Surface or flush-mounting, back box to be min. 47 mm deep. Spacer delivered to fit in standard box, deep 35 mm
		2-gang - vertical
1	6 176 18	○ White
1	6 177 18	● Anthracite
1	6 178 18[1]	○ Ivory
		Security switch
		1 A resistive - 250 V~
		Panic button
1	6 176 19	○ White
1	6 177 19	● Anthracite
1	6 178 19[1]	○ Ivory
		Arteor adaptor
		Allows the integration of 2 modules Arteor mechanisms such as R.C.B.O., automatic switch, skirting light, USB charger, etc
		1-gang
20	6 176 37	○ White

1: Available on request

For integration of Arteor functions, see **Arteor offer p. 558**

Guest Room Management System



The Room Controller Unit, Cat.No 0 484 08 or 0 484 12, associated with mechanical Belanko™ S functions can manage the lights, sockets outlet, ventilation and curtains independently in each room. It can be integrated with the Building Management System (BMS) and the Property Management System (PMS) in order to enable a global management of the building and the hotel's operations.

For complementary information on the Room controller, please contact us

Red catalogue numbers: New products

Belanko™ S

socket outlets

6 176 41

6 176 49

6 176 58A

6 176 44

Material: Thermoplastic with glossy finish
Dimensions: 86 x 86 x 9.5 mm (1-gang) / 86 x 146 x 9.5 mm (2-gang). Supplied with 2 screws M3.5 for BS boxes

Pack	Cat.Nos	British Standard socket outlets 13 A - 250 V~
		Conform to BS 1363-2
		1-gang single pole switched
10	6 176 41	○ White
10	6 177 41	● Anthracite
10	6 178 41[1]	○ Ivory
		2-gang single pole switched
5	6 176 46	○ White
5	6 177 46	● Anthracite
5	6 178 46[1]	○ Ivory
		1-gang unswitched
10	6 176 40	○ White
10	6 177 40	● Anthracite
10	6 178 40[1]	○ Ivory
		2-gang unswitched
5	6 176 45	○ White
5	6 177 45	● Anthracite
5	6 178 45[1]	○ Ivory
		1-gang double pole switched
10	6 176 43	○ White
10	6 177 43	● Anthracite
10	6 178 43[1]	○ Ivory
		2-gang double pole switched
5	6 176 48	○ White
5	6 177 48	● Anthracite
5	6 178 48[1]	○ Ivory
		1-gang single pole switched + neon
10	6 176 42	○ White
10	6 177 42	● Anthracite
10	6 178 42[1]	○ Ivory
		2-gang single pole switched + neon
5	6 176 47	○ White
5	6 177 47	● Anthracite
5	6 178 47[1]	○ Ivory
		2-gang single pole switched with red cover + neon
5	6 176 49	● Red

Pack	Cat.Nos	British Standard socket outlets 13 A - 250 V~ with USB charger
		Conform to BS 1363-2:2016 Conform to IEC 60950-1
		1-gang single pole switched with USB Type-A - 3 A - 5 V⎓ - 15 W
		Consumption in passive mode < 0.07 W
1	6 176 58A	○ White
1	6 177 58A	● Anthracite
1	6 178 58A[1]	○ Ivory
		1-gang single pole switched with USB Type-C - 18 W
		Fast charge feature: Power Delivery
		Consumption in passive mode < 0.07 W
1	6 176 66A	○ White
1	6 177 66A	● Anthracite
1	6 178 66A[1]	○ Ivory
		1-gang unswitched with USB Type-A - 3 A - 5 V⎓ - 15 W
		Consumption in passive mode < 0.07 W
1	6 176 57A	○ White
1	6 177 57A	● Anthracite
1	6 178 57A[1]	○ Ivory
		1-gang unswitched with USB Type-C - 18 W
		Fast charge feature: Power Delivery
		Consumption in passive mode < 0.07 W
1	6 176 65A	○ White
1	6 177 65A	● Anthracite
1	6 178 65A[1]	○ Ivory
		2-gang single pole switched with USB Type-A + Type-C - 3 A - 5 V⎓ - 15 W
		Consumption in passive mode < 0.08 W
1	6 176 44	○ White
1	6 177 44	● Anthracite
1	6 178 44[1]	○ Ivory

1: Available on request

Red catalogue numbers: New products

Belanko™ S

socket outlets (continued)

6 176 64

6 176 67

6 176 55

Material: Thermoplastic with glossy finish
Dimensions: 86 x 86 x 9.5 mm (1-gang) / 86 x 146 x 9.5 mm (2-gang). Supplied with 2 screws M3.5 for BS boxes

Pack	Cat.Nos	British Standard socket outlets 13 A - 250 V~ with USB charger
		Conform to BS 546
		1-gang unswitched
10	6 176 50	○ White
10	6 177 50	● Anthracite
10	6 178 50[1]	○ Ivory
		1-gang single pole switched
10	6 176 51	○ White
10	6 177 51	● Anthracite
10	6 178 51[1]	○ Ivory
		1-gang single pole switched + neon
10	6 176 52	○ White
10	6 177 52	● Anthracite
10	6 178 52[1]	○ Ivory
		2-gang single pole switched
10	6 176 53	○ White
10	6 177 53	● Anthracite
10	6 178 53[1]	○ Ivory
		British Standard socket outlets 5 A - 250 V~
		Conform to BS 546
		1-gang single pole switched
10	6 176 54	○ White
10	6 177 54	● Anthracite
10	6 178 54[1]	○ Ivory
		Euro/US socket outlets - 10 A - 250 V~ / 15 A - 127 V~
		1-gang - 2 x 2P
10	6 176 62	○ White
10	6 177 62	● Anthracite
10	6 178 62[1]	○ Ivory
		1-gang - 2 x 2P switched
10	6 176 90	○ White
10	6 177 90	● Anthracite
10	6 178 90[1]	○ Ivory
		1-gang - 2 x 2P+E
10	6 176 64	○ White
10	6 177 64	● Anthracite
10	6 178 64[1]	○ Ivory

Pack	Cat.Nos	German Standard socket outlet 16 A - 250 V~
		1-gang - 2P+E with shutters for child protection
10	6 176 56	○ White
10	6 177 56	● Anthracite
10	6 178 56[1]	○ Ivory
		Multistandard switched socket outlet
		1-gang
10	6 176 67	○ White
10	6 177 67	● Anthracite
10	6 178 67[1]	○ Ivory
		2-gang
4	6 176 69	○ White
4	6 177 69	● Anthracite
4	6 178 69[1]	○ Ivory
		Multistandard + Euro/US switched socket outlet
		1-gang
10	6 176 61	○ White
		Multistandard switched socket outlets 16 A - 250 V~ / 15 A - 127 V~ with USB charger
		Shuttered for child safety USB charger conform to IEC 60950-1
		1-gang - 2P+E with USB Type-A - 3 A - 5 V⎓ - 15 W Consumption in passive mode < 0.07 W
1	6 176 59A	○ White
1	6 177 59A	● Anthracite
1	6 178 59A[1]	○ Ivory
		1-gang - 2P+E with USB Type-C - 18 W Fast charge feature: Power Delivery Consumption in passive mode < 0.07 W
1	6 176 68A	○ White
1	6 177 68A	● Anthracite
1	6 178 68A[1]	○ Ivory
		2-gang - 2 x 2P+E with USB Type-A + Type-C - 3 A - 5 V⎓ - 15 W Consumption in passive mode < 0.08 W
1	6 176 55	○ White
1	6 177 55	● Anthracite
1	6 178 55[1]	○ Ivory

1: Available on request

Red catalogue numbers: New products

Belanko™ S

fused connection units and cable outlets

6 176 82

6 176 85

Material: Thermoplastic with glossy finish
Dimensions: 86 x 86 x 9.5 mm (1-gang) / 86 x 146 x 9.5 mm (2-gang)
Supplied with 2 screws M3.5 for BS boxes

Pack	Cat.Nos	Fused connection units 13 A
		Conform to BS 1363-4
		Unswitched + cord outlet
10	6 176 80	○ White
10	6 177 80	● Anthracite
10	6 178 80[1]	○ Ivory
		Switched + cord outlet
10	6 176 81	○ White
10	6 177 81	● Anthracite
10	6 178 81[1]	○ Ivory
		Unswitched + neon + cord outlet
10	6 176 60	○ White
10	6 177 60	● Anthracite
10	6 178 60[1]	○ Ivory
		Switched + neon + cord outlet
10	6 176 82	○ White
10	6 177 82	● Anthracite
10	6 178 82[1]	○ Ivory
		Cable outlets
		Conform to BS 5733
		20 A - 250 V~
10	6 176 85	○ White
10	6 177 85	● Anthracite
10	6 178 85[1]	○ Ivory
		45 A - 250 V~
10	6 176 86	○ White
10	6 177 86	● Anthracite
10	6 178 86[1]	○ Ivory

1: Available on request

Belanko™ S

blanking plates and accessories

6 176 28

6 176 36

6 133 50

Pack	Cat.Nos	Blanking plates
		Conform to BS 5733
		1-gang
10	6 176 28	○ White
10	6 177 28	● Anthracite
10	6 178 28[1]	○ Ivory
		2-gang
5	6 176 39	○ White
5	6 177 39	● Anthracite
5	6 178 39[1]	○ Ivory
		Arteor adaptor
		Allows the integration of 2 modules Arteor mechanisms such as R.C.B.O., automatic switch, skirting lights, USB charger, etc
		1-gang
20	6 176 37	○ White
		Fixing accessories
		Splash-proof cover
		Mainly for socket protection IP 55 with or without plug engaged
		Space inside : 86 x 86 mm
		External dimensions: 129.2 x 107.2 x 54.1 mm
4	6 176 36	● Mist grey
		Surface-mounting boxes
		Conform to BS 5733
		Depth 35 mm
		1-gang
8	6 133 50	○ White
		2-gang
4	6 133 51	○ White

1: Available on request

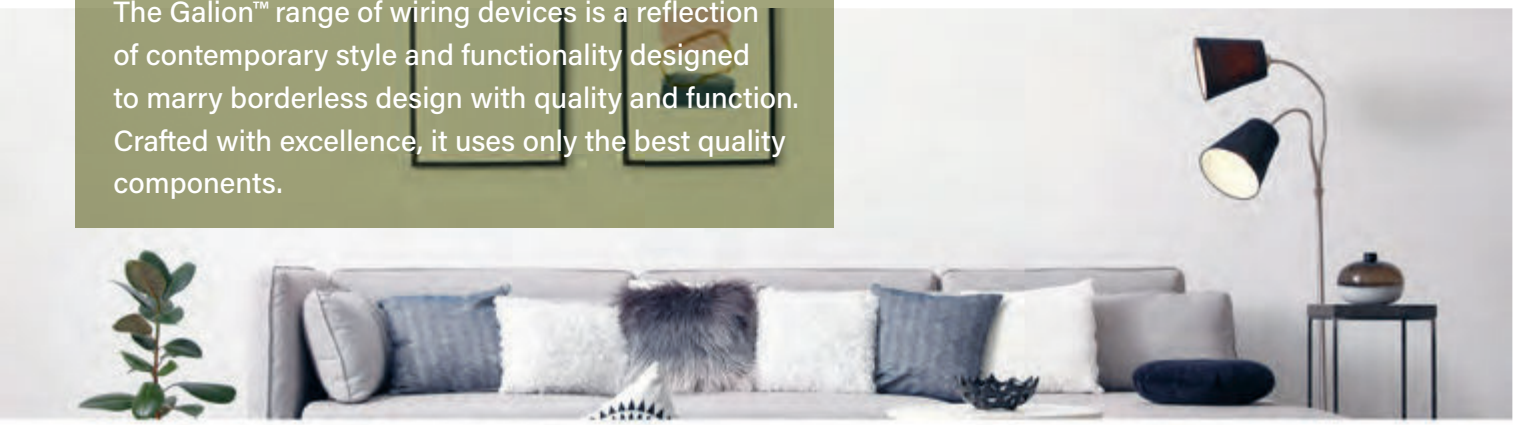
For integration of Arteor functions, see **Arteor offer p. 558**

Red catalogue numbers: New products

GALION™

Style without borders

The Galion™ range of wiring devices is a reflection of contemporary style and functionality designed to marry borderless design with quality and function. Crafted with excellence, it uses only the best quality components.



A full plate with borderless aesthetics

To suit any interior design style

Slim and fine chamfering at the edges and a slightly curved plate: these details make the difference for an even more refined product.

White

Dark Silver

Matt Black

Rose Gold

Champagne

A wide selection of functions

To satisfy the requirements of a wide range of projects

Dedicated hospitality functions

To meet the needs of modern guest rooms and serviced apartments

Galion™

switches, push-buttons

2 824 00-C3

2 824 02-C

2 824 04-C1

2 824 06-C2

2 824 12

Conform to IEC 60669-1 standard
Material: Polycarbonate front cover plates
Dimensions: 86 x 88 mm
Supplied with 2 screws M 3.5 for BS boxes. Supplied complete with plate

Single pole switches - 16 AX - 250 V~

Pack	Cat.Nos	
		1-gang 1-way
8	2 824 00	○ White (Silver bar)
8	2 824 00-C	● Matt Black (Electroplate bar)
8	2 824 00-C1	● Rose Gold (Electroplate bar)
8	2 824 00-C2	● Champagne (Silver bar)
8	2 824 00-C3	● Dark Silver (Silver bar)
		1-gang 2-way
8	2 824 01	○ White (Silver bar)
8	2 824 01-C	● Matt Black (Electroplate bar)
8	2 824 01-C1	● Rose Gold (Electroplate bar)
8	2 824 01-C2	● Champagne (Silver bar)
8	2 824 01-C3	● Dark Silver (Silver bar)
		1-gang - intermediate
8	2 824 13	○ White (Silver bar)
8	2 824 13-C	● Matt Black (Electroplate bar)
8	2 824 13-C1	● Rose Gold (Electroplate bar)
8	2 824 13-C2	● Champagne (Silver bar)
8	2 824 13-C3	● Dark Silver (Silver bar)
		2-gang 1-way
8	2 824 02	○ White (Silver bar)
8	2 824 02-C	● Matt Black (Electroplate bar)
8	2 824 02-C1	● Rose Gold (Electroplate bar)
8	2 824 02-C2	● Champagne (Silver bar)
8	2 824 02-C3	● Dark Silver (Silver bar)
		2-gang 2-way
8	2 824 03	○ White (Silver bar)
8	2 824 03-C	● Matt Black (Electroplate bar)
8	2 824 03-C1	● Rose Gold (Electroplate bar)
8	2 824 03-C2	● Champagne (Silver bar)
8	2 824 03-C3	● Dark Silver (Silver bar)
		3-gang 1-way
8	2 824 04	○ White (Silver bar)
8	2 824 04-C	● Matt Black (Electroplate bar)
8	2 824 04-C1	● Rose Gold (Electroplate bar)
8	2 824 04-C2	● Champagne (Silver bar)
8	2 824 04-C3	● Dark Silver (Silver bar)
		3-gang 2-way
8	2 824 05	○ White (Silver bar)
8	2 824 05-C	● Matt Black (Electroplate bar)
8	2 824 05-C1	● Rose Gold (Electroplate bar)
8	2 824 05-C2	● Champagne (Silver bar)
8	2 824 05-C3	● Dark Silver (Silver bar)
		4-gang 1-way
8	2 824 06	○ White (Silver bar)
8	2 824 06-C	● Matt Black (Electroplate bar)
8	2 824 06-C1	● Rose Gold (Electroplate bar)
8	2 824 06-C2	● Champagne (Silver bar)
8	2 824 06-C3	● Dark Silver (Silver bar)
		4-gang 2-way
8	2 824 07	○ White (Silver bar)
8	2 824 07-C	● Matt Black (Electroplate bar)
8	2 824 07-C1	● Rose Gold (Electroplate bar)
8	2 824 07-C2	● Champagne (Silver bar)
8	2 824 07-C3	● Dark Silver (Silver bar)

Double pole switches 20 A - 250 V~

With amber LED power indicator

Pack	Cat.Nos	
		1-gang 1-way - with earth link connector
8	2 824 08	○ White (Silver bar)
8	2 824 08-C	● Matt Black (Electroplate bar)
8	2 824 08-C1	● Rose Gold (Electroplate bar)
8	2 824 08-C2	● Champagne (Silver bar)
8	2 824 08-C3	● Dark Silver (Silver bar)
		1-gang 1-way - with "water heater" marking - with earth link connector
8	2 824 14	○ White (Silver bar)
8	2 824 14-C	● Matt Black (Electroplate bar)
8	2 824 14-C1	● Rose Gold (Electroplate bar)
8	2 824 14-C2	● Champagne (Silver bar)
8	2 824 14-C3	● Dark Silver (Silver bar)
		1-gang 2-way - with earth link connector
8	2 824 12	○ White (Silver bar)
8	2 824 12-C	● Matt Black (Electroplate bar)
8	2 824 12-C1	● Rose Gold (Electroplate bar)
8	2 824 12-C2	● Champagne (Silver bar)
8	2 824 12-C3	● Dark Silver (Silver bar)

Push-buttons 16 A - 250 V~

Pack	Cat.Nos	
		1-gang - with "bell" marking
8	2 824 11	○ White (Silver bar)
8	2 824 11-C	● Matt Black (Electroplate bar)
8	2 824 11-C1	● Rose Gold (Electroplate bar)
8	2 824 11-C2	● Champagne (Silver bar)
8	2 824 11-C3	● Dark Silver (Silver bar)
		1-gang - without marking
8	2 824 10	○ White (Silver bar)
8	2 824 10-C	● Matt Black (Electroplate bar)
8	2 824 10-C1	● Rose Gold (Electroplate bar)
8	2 824 10-C2	● Champagne (Silver bar)
8	2 824 10-C3	● Dark Silver (Silver bar)
		2-gang - without marking
8	2 824 91	○ White (Silver bar)
8	2 824 91-C	● Matt Black (Electroplate bar)
8	2 824 91-C1	● Rose Gold (Electroplate bar)
8	2 824 91-C2	● Champagne (Silver bar)
8	2 824 91-C3	● Dark Silver (Silver bar)

Red catalogue numbers: New products

Galion™

double pole switches 45 A, cooker units, dimmers, active power bleeder and fan controls

2 824 27-C

2 824 25

2 824 19-C1

2 824 90

Conform to IEC 60669-1 standard
Material: Polycarbonate front cover plates
Dimensions: 86 x 88 mm
Supplied with 2 screws M 3.5 for BS boxes. Supplied complete with plate

Double pole switches 45 A - 250 V~

With red LED power indicator

Pack	Cat.Nos	
		1-gang 1-way
8	2 824 26	○ White
8	2 824 26-C	● Matt Black
8	2 824 26-C1	● Rose Gold
8	2 824 26-C2	● Champagne
8	2 824 26-C3	● Dark Silver
		1-gang 1-way with red rocker
8	2 824 27	○ White
8	2 824 27-C	● Matt Black
8	2 824 27-C1	● Rose Gold
8	2 824 27-C2	● Champagne
8	2 824 27-C3	● Dark Silver
		1-gang 1-way with "cooker" marking - with red rocker
8	2 824 28	○ White
8	2 824 28-C	● Matt Black
8	2 824 28-C1	● Rose Gold
8	2 824 28-C2	● Champagne
8	2 824 28-C3	● Dark Silver
		2-gang (vertical) 1-way with red rocker
		Dim.: 86 x 146 mm
8	2 824 29	○ White
8	2 824 29-C	● Matt Black
8	2 824 29-C1	● Rose Gold
8	2 824 29-C2	● Champagne
8	2 824 29-C3	● Dark Silver

Cooker units - 250 V~

Conform to IEC 60884-1 and IEC 60669-1
45 A double pole switch + 13 A British Standard switched socket and amber LED power indicators
Dim.: 146 x 88 mm

Pack	Cat.Nos	
5	2 824 25	○ White
5	2 824 25-C	● Matt Black
5	2 824 25-C1	● Rose Gold
5	2 824 25-C2	● Champagne
5	2 824 25-C3	● Dark Silver

Dimmers

100-240 V~, 50/60 Hz

Rotary dimmers without neutral 40-500 W

For incandescent and halogen lamps 230 V~

Pack	Cat.Nos	
5	2 824 20	○ White
5	2 824 20-C	● Matt Black
5	2 824 20-C1	● Rose Gold
5	2 824 20-C2	● Champagne
5	2 824 20-C3	● Dark Silver

Rotary dimmers without neutral - 300 W RLC + LED

Conform to IEC 60669-2-1
For all types of lamps:
- dimmable LEDs and CFL lamps: 5 to 75 W LED
- halogen with ferromagnetic or electronic transformer: 5 to 300 VA
- fluorescent tube - ballast: 5 to 300 VA
- halogen and incandescent 230 V~: 5 to 300 W

Pack	Cat.Nos	
5	2 824 19	○ White
5	2 824 19-C	● Matt Black
5	2 824 19-C1	● Rose Gold
5	2 824 19-C2	● Champagne
5	2 824 19-C3	● Dark Silver

Active Power Bleeder

Pack	Cat.Nos	
1	0 401 49	Makes 2-wire electronic lighting control units without neutral compatible with all commercially-available loads (LED, compact fluorescent, ELV halogen with ferromagnetic or electronic ballast, 230 V halogen, fluorescent tube, incandescent) Consumption: 0.4 W

Stepless fan controls

40-400 VA, 230 V~, 50/60 Hz

Pack	Cat.Nos	
5	2 824 90	○ White
5	2 824 90-C	● Matt Black
5	2 824 90-C1	● Rose Gold
5	2 824 90-C2	● Champagne
5	2 824 90-C3	● Dark Silver

Red catalogue numbers: New products

2 824 32

2 824 33-C

2 824 83A

2 824 43

Material: Polycarbonate front cover plates
Dimensions: 86 x 88 mm (1-gang) / 146 x 88 mm (2-gang)
Supplied with 2 screws M 3.5 for BS boxes. Supplied complete with plate. All sockets integrate child protection

British Standard socket outlets 13 A - 250 V~

Conform to BS 1363-2

1-gang - unswitched

Pack	Cat.Nos	
8	2 824 30	White
8	2 824 30-C	Matt Black
8	2 824 30-C1	Rose Gold
8	2 824 30-C2	Champagne
8	2 824 30-C3	Dark Silver

1-gang single pole - switched

Pack	Cat.Nos	
8	2 824 32	White
8	2 824 32-C	Matt Black
8	2 824 32-C1	Rose Gold
8	2 824 32-C2	Champagne
8	2 824 32-C3	Dark Silver

1-gang double pole - switched

Pack	Cat.Nos	
8	2 824 86	White
8	2 824 86-C	Matt Black
8	2 824 86-C1	Rose Gold
8	2 824 86-C2	Champagne
8	2 824 86-C3	Dark Silver

1-gang single pole - switched - with LED power indicator

Pack	Cat.Nos	
8	2 824 80	White
8	2 824 80-C	Matt Black
8	2 824 80-C1	Rose Gold
8	2 824 80-C2	Champagne
8	2 824 80-C3	Dark Silver

2-gang - unswitched

Pack	Cat.Nos	
5	2 824 31	White
5	2 824 31-C	Matt Black
5	2 824 31-C1	Rose Gold
5	2 824 31-C2	Champagne
5	2 824 31-C3	Dark Silver

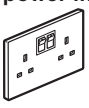
2-gang single pole - switched

Pack	Cat.Nos	
5	2 824 33	White
5	2 824 33-C	Matt Black
5	2 824 33-C1	Rose Gold
5	2 824 33-C2	Champagne
5	2 824 33-C3	Dark Silver

2-gang double pole - switched

Pack	Cat.Nos	
5	2 824 87	White
5	2 824 87-C	Matt Black
5	2 824 87-C1	Rose Gold
5	2 824 87-C2	Champagne
5	2 824 87-C3	Dark Silver

2-gang single pole - switched - with LED power indicator



Pack	Cat.Nos	
5	2 824 81	White
5	2 824 81-C	Matt Black
5	2 824 81-C1	Rose Gold
5	2 824 81-C2	Champagne
5	2 824 81-C3	Dark Silver

British Standard socket outlets 13 A 250 V~ - with USB chargers

Conform to BS 1363-2
Consumption in passive mode < 0.08 W

1-gang - unswitched, with USB charger Type-A - 3 A - 5 V⎓ - 15 W

Pack	Cat.Nos	
5	2 824 40A	White
5	2 824 40A-C	Matt Black
5	2 824 40A-C1	Rose Gold
5	2 824 40A-C2	Champagne
5	2 824 40A-C3	Dark Silver

1-gang single pole - switched, with USB charger Type-A - 3 A - 5 V⎓ - 15 W

Pack	Cat.Nos	
5	2 824 41A	White
5	2 824 41A-C	Matt Black
5	2 824 41A-C1	Rose Gold
5	2 824 41A-C2	Champagne
5	2 824 41A-C3	Dark Silver

1-gang - unswitched, with USB charger Type-C - 18 W

Fast charge feature: Power Delivery

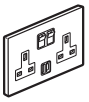
Pack	Cat.Nos	
5	2 824 82A	White
5	2 824 82A-C	Matt Black
5	2 824 82A-C1	Rose Gold
5	2 824 82A-C2	Champagne
5	2 824 82A-C3	Dark Silver

1-gang single pole - switched, with USB charger Type-C - 18 W

Fast charge feature: Power Delivery

Pack	Cat.Nos	
5	2 824 83A	White
5	2 824 83A-C	Matt Black
5	2 824 83A-C1	Rose Gold
5	2 824 83A-C2	Champagne
5	2 824 83A-C3	Dark Silver

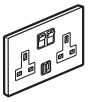
2-gang single pole - switched, with USB chargers Type-A and Type-C - 3 A - 5 V⎓ - 15 W



Pack	Cat.Nos	
5	2 824 43	White
5	2 824 43-C	Matt Black
5	2 824 43-C1	Rose Gold
5	2 824 43-C2	Champagne
5	2 824 43-C3	Dark Silver

2-gang single pole - switched, with USB chargers Type-A and Type-C - 27 W

Fast charge feature: Power Delivery



Pack	Cat.Nos	
5	2 823 36	White
5	2 823 36-C	Matt Black
5	2 823 36-C1	Rose Gold
5	2 823 36-C2	Champagne
5	2 823 36-C3	Dark Silver

British Standard socket outlets 15 A - 250 V~

Conform to BS 546

1-gang single pole - switched

Pack	Cat.Nos	
8	2 824 37	White
8	2 824 37-C	Matt Black
8	2 824 37-C1	Rose Gold
8	2 824 37-C2	Champagne
8	2 824 37-C3	Dark Silver

Galion™

socket outlets, fused connection units and cable outlets

2 824 36

2 824 34-C1

2 824 85A

2 824 53

2 824 52-C1

Material: Polycarbonate front cover plates
Dimensions: 86 x 88 mm (1-gang) / 146 x 88 mm (2-gang)
Supplied with 2 screws M 3.5 for BS boxes. Supplied complete with plate
All sockets integrate child protection

British Standard socket outlets 5 A - 250 V~

Conform to BS 546

1-gang single pole - switched

Pack	Cat.Nos	
8	2 824 38	White
8	2 824 38-C	Matt Black
8	2 824 38-C1	Rose Gold
8	2 824 38-C2	Champagne
8	2 824 38-C3	Dark Silver

EURO-US standard socket outlet 16 A - 250 V~

2P+E - 2-gang

Pack	Cat.Nos	
8	2 824 36	White
8	2 824 36-C	Matt Black
8	2 824 36-C1	Rose Gold
8	2 824 36-C2	Champagne
8	2 824 36-C3	Dark Silver

Multistandard socket outlets 16 A - 250 V~

1-gang - switched

Pack	Cat.Nos	
8	2 824 34	White
8	2 824 34-C	Matt Black
8	2 824 34-C1	Rose Gold
8	2 824 34-C2	Champagne
8	2 824 34-C3	Dark Silver

2-gang - switched

Pack	Cat.Nos	
5	2 824 35	White
5	2 824 35-C	Matt Black
5	2 824 35-C1	Rose Gold
5	2 824 35-C2	Champagne
5	2 824 35-C3	Dark Silver

Multistandard socket outlets 16 A - 250 V~ - with USB chargers

Consumption in passive mode < 0.08 W

1-gang - switched, with USB charger Type-A - 3 A - 5 V⎓ - 15 W

Pack	Cat.Nos	
5	2 824 42A	White
5	2 824 42A-C	Matt Black
5	2 824 42A-C1	Rose Gold
5	2 824 42A-C2	Champagne
5	2 824 42A-C3	Dark Silver

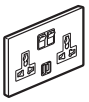
1-gang - switched, with USB charger Type-C - 18 W

Fast charge feature: Power Delivery

Pack	Cat.Nos	
5	2 824 85A	White
5	2 824 85A-C	Matt Black
5	2 824 85A-C1	Rose Gold
5	2 824 85A-C2	Champagne
5	2 824 85A-C3	Dark Silver

Multistandard socket outlets 16 A - 250 V~ - with USB chargers (continued)

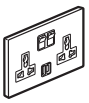
2 gang single pole - switched, with USB chargers Type-A and Type-C - 3 A - 5 V⎓ - 15 W



Pack	Cat.Nos	
5	2 824 44	White
5	2 824 44-C	Matt Black
5	2 824 44-C1	Rose Gold
5	2 824 44-C2	Champagne
5	2 824 44-C3	Dark Silver

2 gang single pole - switched, with USB chargers Type-A and Type-C - 27 W

Fast charge feature: Power Delivery



Pack	Cat.Nos	
5	2 823 37	White
5	2 823 37-C	Matt Black
5	2 823 37-C1	Rose Gold
5	2 823 37-C2	Champagne
5	2 823 37-C3	Dark Silver

Fused connection units - 13 A

Conform to BS 1363 part 4

1-gang

Pack	Cat.Nos	
8	2 824 50	White
8	2 824 50-C	Matt Black
8	2 824 50-C1	Rose Gold
8	2 824 50-C2	Champagne
8	2 824 50-C3	Dark Silver

1-gang - with switch

Pack	Cat.Nos	
8	2 824 51	White
8	2 824 51-C	Matt Black
8	2 824 51-C1	Rose Gold
8	2 824 51-C2	Champagne
8	2 824 51-C3	Dark Silver

1-gang - with switch + LED power indicator

Pack	Cat.Nos	
8	2 824 53	White
8	2 824 53-C	Matt Black
8	2 824 53-C1	Rose Gold
8	2 824 53-C2	Champagne
8	2 824 53-C3	Dark Silver

Cable outlets

1-gang - 45 A

Pack	Cat.Nos	
8	2 824 54	White
8	2 824 54-C	Matt Black
8	2 824 54-C1	Rose Gold
8	2 824 54-C2	Champagne
8	2 824 54-C3	Dark Silver

1-gang - 20 A

Pack	Cat.Nos	
8	2 824 52	White
8	2 824 52-C	Matt Black
8	2 824 52-C1	Rose Gold
8	2 824 52-C2	Champagne
8	2 824 52-C3	Dark Silver

Red catalogue numbers: New products

Galion™

TV, telephone and data sockets, USB chargers

2 824 57-C

2 824 49-C2

2 824 63-C1

2 824 47

Material: Polycarbonate front cover plates
Dimensions: 86 x 88 mm
Supplied with 2 screws M 3.5 for BS boxes. Supplied complete with plate

Pack	Cat.Nos	
		Television sockets
		Single TV socket, Female
8	2 824 57	○ White
8	2 824 57-C	● Matt Black
8	2 824 57-C1	● Rose Gold
8	2 824 57-C2	● Champagne
8	2 824 57-C3	● Dark Silver
		Single TV sockets "F" type with screws, star attenuation < 1dB
		SAT: 0 - 2400 MHz
8	2 824 49	○ White
8	2 824 49-C	● Matt Black
8	2 824 49-C1	● Rose Gold
8	2 824 49-C2	● Champagne
8	2 824 49-C3	● Dark Silver
		TV-R-SAT sockets
		Low attenuation: 1.5 dB
8	2 824 59	○ White
8	2 824 59-C	● Matt Black
8	2 824 59-C1	● Rose Gold
8	2 824 59-C2	● Champagne
8	2 824 59-C3	● Dark Silver
		Telephone sockets
		RJ 11 socket
8	2 824 45	○ White
8	2 824 45-C	● Matt Black
8	2 824 45-C1	● Rose Gold
8	2 824 45-C2	● Champagne
8	2 824 45-C3	● Dark Silver
		Double RJ 11 socket
8	2 824 46	○ White
8	2 824 46-C	● Matt Black
8	2 824 46-C1	● Rose Gold
8	2 824 46-C2	● Champagne
8	2 824 46-C3	● Dark Silver
		Data sockets
		RJ 45 cat. 5e UTP
8	2 824 60	○ White
8	2 824 60-C	● Matt Black
8	2 824 60-C1	● Rose Gold
8	2 824 60-C2	● Champagne
8	2 824 60-C3	● Dark Silver
		Double RJ 45 cat. 5e UTP
8	2 824 62	○ White
8	2 824 62-C	● Matt Black
8	2 824 62-C1	● Rose Gold
8	2 824 62-C2	● Champagne
8	2 824 62-C3	● Dark Silver
		RJ 45 cat. 6 UTP
8	2 824 61	○ White
8	2 824 61-C	● Matt Black
8	2 824 61-C1	● Rose Gold
8	2 824 61-C2	● Champagne
8	2 824 61-C3	● Dark Silver
		Double RJ 45 cat. 6 UTP
8	2 824 63	○ White
8	2 824 63-C	● Matt Black
8	2 824 63-C1	● Rose Gold
8	2 824 63-C2	● Champagne
8	2 824 63-C3	● Dark Silver

Pack	Cat.Nos	
		Double USB Type-A chargers
		3 A - 5 V⎓ - 15 W
		Consumption in passive mode < 0.08 W
5	2 824 47	○ White
5	2 824 47-C	● Matt Black
5	2 824 47-C1	● Rose Gold
5	2 824 47-C2	● Champagne
5	2 824 47-C3	● Dark Silver
		USB and HDMI data sockets
8	2 824 48	○ White
8	2 824 48-C	● Matt Black
8	2 824 48-C1	● Rose Gold
8	2 824 48-C2	● Champagne
8	2 824 48-C3	● Dark Silver

Red catalogue numbers: New products

Galion™

hotel equipment

2 824 17

2 824 15-C1

2 824 39-C

Conform to IEC 60669 standard
Material: Polycarbonate front cover plates
Dimensions: 86 x 88 mm
Supplied with 2 screws M 3.5 for BS boxes. Supplied complete with plate

Pack	Cat.Nos

Hotel guest room indicators

Enable the guest to inform hotel staff of the room status
Two settings are possible:
- do not disturb (DND)
- please clean-up the room (CUR)

Indicator lamp and bell button

Installed in the corridor
Double functon: call indicator and bell button
1-gang, black touch plate

Pack	Cat.Nos
1	2 824 17

DND/CUR control units for guest room

Installed in the guest room
Allow the user to select the desired setting

○ White (Silver bar)
● Matt Black (Electroplate bar)
● Rose Gold (Electroplate bar)
● Champagne (Silver bar)
● Dark Silver (Silver bar)

Pack	Cat.Nos
8	2 824 16
8	2 824 16-C
8	2 824 16-C1
8	2 824 16-C2
8	2 824 16-C3

Keycard switches - 230 V~ - 16 A

Supplied with one card

○ White
● Matt Black
● Rose Gold
● Champagne
● Dark Silver

Pack	Cat.Nos
5	2 824 15
5	2 824 15-C
5	2 824 15-C1
5	2 824 15-C2
5	2 824 15-C3

RFID keycard switches - 230 V~ - 16 A

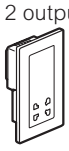
Compatible with ISO type contactless keycards

○ White
● Matt Black
● Rose Gold
● Champagne
● Dark Silver

Pack	Cat.Nos
5	2 824 18
5	2 824 18-C
5	2 824 18-C1
5	2 824 18-C2
5	2 824 18-C3

Shaver sockets

Conform to IEC 61558-2-8
115/230 V - 20 VA - 50/60 Hz
Power supply: 230 V~ - 50/60 Hz
Suitable for use with European, British, Australian, Chinese and US 2-pin plugs
Dim: 86 x 146 mm
2 outputs



○ White
● Matt Black
● Rose Gold
● Champagne
● Dark Silver

Pack	Cat.Nos
1	2 824 39
1	2 824 39-C
1	2 824 39-C1
1	2 824 39-C2
1	2 824 39-C3

Galion™

accessories

2 824 70-C1

2 824 71-C2

Blanking plates

○ White
● Matt Black
● Rose Gold
● Champagne
● Dark Silver

Pack	Cat.Nos
15	2 824 70
15	2 824 70-C
15	2 824 70-C1
15	2 824 70-C2
15	2 824 70-C3

Frames for multi-gang installation

2-gang frame

○ White
● Matt Black
● Rose Gold
● Champagne
● Dark Silver

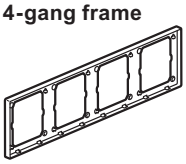
Pack	Cat.Nos
20	2 824 72
20	2 824 72-C
20	2 824 72-C1
20	2 824 72-C2
20	2 824 72-C3

3-gang frame

○ White
● Matt Black
● Rose Gold
● Champagne
● Dark Silver

Pack	Cat.Nos
5	2 824 73
5	2 824 73-C
5	2 824 73-C1
5	2 824 73-C2
5	2 824 73-C3

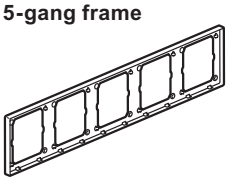
4-gang frame



○ White
● Matt Black
● Rose Gold
● Champagne
● Dark Silver

Pack	Cat.Nos
5	2 824 74
5	2 824 74-C
5	2 824 74-C1
5	2 8247 4-C2
5	2 824 74-C3

5-gang frame



○ White
● Matt Black
● Rose Gold
● Champagne
● Dark Silver

Pack	Cat.Nos
5	2 824 75
5	2 824 75-C
5	2 824 75-C1
5	2 824 75-C2
5	2 824 75-C3

Arteor adaptors

For 2-module products

○ White
● Matt Black
● Rose Gold
● Champagne
● Dark Silver

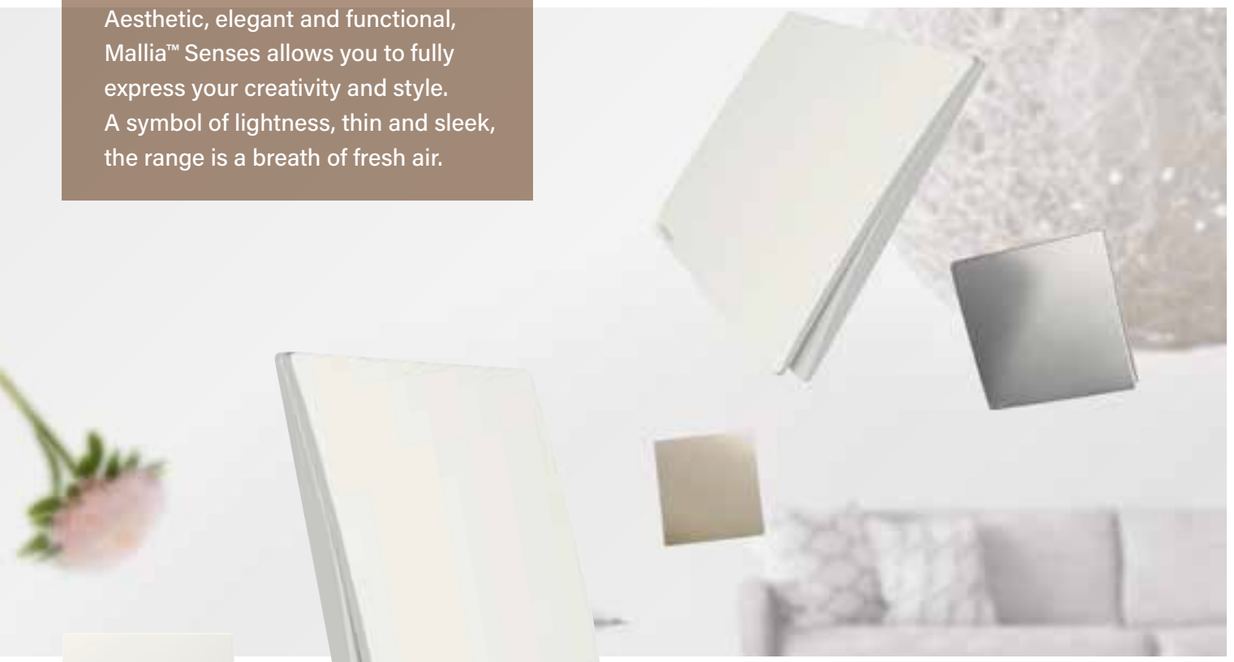
Pack	Cat.Nos
15	2 824 71
15	2 824 71-C
15	2 824 71-C1
15	2 824 71-C2
15	2 824 71-C3

Red catalogue numbers: New products

MALLIA™ SENSES

A breath of fresh air

Aesthetic, elegant and functional, Mallia™ Senses allows you to fully express your creativity and style. A symbol of lightness, thin and sleek, the range is a breath of fresh air.



A breath of elegance

Unleash your creativity and design an interior that suits you with the Mallia™ Senses palette!

Matt White

Matt Black

Champagne

Dark Bronze

Dark Silver

Brushed Aluminium

Brushed Black

3 levels of finishes, from white, timeless colours to iconic metal finishes, the choice is yours!

A breath of lightness

Absolutely pure, without artifice, Mallia™ Senses clearly displays its modernity. Its minimalism and lightness capture the eye.

reddot winner 2021

A breath of simplicity

Mallia™ Senses is as easy to install as it is to use thanks to features including the robust metal frame, easy-to-clip wall plate and more.

A breath of new experience

With Mallia™ Senses' inbuilt hospitality, offer your guests a warm welcome and effortless control over their comfort.

Mallia™ Senses

single pole switches

2 810 00BB

2 810 03DS

2 810 05MB

2 810 07MW

Conform to BS EN 60669-1
Compact mechanism for greater wiring space
Dimensions: 86 x 86 mm
Supplied with 2 screws M 3.5 for BS boxes. Supplied as complete product with protective film

Pack	Cat.Nos	Single pole switches 16 AX - 250 V~
		1-gang 1-way switch
5	2 810 00BA	Brushed Aluminium
5	2 810 00BB	Brushed Black
5	2 810 00CH	Champagne
5	2 810 00DB	Dark Bronze
5	2 810 00DS	Dark Silver
5	2 810 00MB	Matt Black
10	2 810 00MW	Matt White
		1-gang 2-way switch
5	2 810 01BA	Brushed Aluminium
5	2 810 01BB	Brushed Black
5	2 810 01CH	Champagne
5	2 810 01DB	Dark Bronze
5	2 810 01DS	Dark Silver
5	2 810 01MB	Matt Black
10	2 810 01MW	Matt White
		1-gang - intermediate switch
5	2 810 08BA	Brushed Aluminium
5	2 810 08BB	Brushed Black
5	2 810 08CH	Champagne
5	2 810 08DB	Dark Bronze
5	2 810 08DS	Dark Silver
5	2 810 08MB	Matt Black
5	2 810 08MW	Matt White
		2-gang 1-way switch
5	2 810 02BA	Brushed Aluminium
5	2 810 02BB	Brushed Black
5	2 810 02CH	Champagne
5	2 810 02DB	Dark Bronze
5	2 810 02DS	Dark Silver
5	2 810 02MB	Matt Black
10	2 810 02MW	Matt White
		2-gang 2-way switch
5	2 810 03BA	Brushed Aluminium
5	2 810 03BB	Brushed Black
5	2 810 03CH	Champagne
5	2 810 03DB	Dark Bronze
5	2 810 03DS	Dark Silver
5	2 810 03MB	Matt Black
10	2 810 03MW	Matt White
		3-gang 1-way switch
5	2 810 04BA	Brushed Aluminium
5	2 810 04BB	Brushed Black
5	2 810 04CH	Champagne
5	2 810 04DB	Dark Bronze
5	2 810 04DS	Dark Silver
5	2 810 04MB	Matt Black
10	2 810 04MW	Matt White

Pack	Cat.Nos	Single pole switches 16 AX - 250 V~ (continued)
		3-gang 2-way switch
5	2 810 05BA	Brushed Aluminium
5	2 810 05BB	Brushed Black
5	2 810 05CH	Champagne
5	2 810 05DB	Dark Bronze
5	2 810 05DS	Dark Silver
5	2 810 05MB	Matt Black
10	2 810 05MW	Matt White
		4-gang 1-way switch
		For boxes with 4 lugs, fold the top and bottom lugs
5	2 810 06BA	Brushed Aluminium
5	2 810 06BB	Brushed Black
5	2 810 06CH	Champagne
5	2 810 06DB	Dark Bronze
5	2 810 06DS	Dark Silver
5	2 810 06MB	Matt Black
10	2 810 06MW	Matt White
		4-gang 2-way switch
		For boxes with 4 lugs, fold the top and bottom lugs
5	2 810 07BA	Brushed Aluminium
5	2 810 07BB	Brushed Black
5	2 810 07CH	Champagne
5	2 810 07DB	Dark Bronze
5	2 810 07DS	Dark Silver
5	2 810 07MB	Matt Black
10	2 810 07MW	Matt White

Red catalogue numbers: New products

Mallia™ Senses

single pole switches (continued)

2 810 10BA

2 810 12CH

2 810 15DS

2 810 69MW

Conform to BS EN 60669-1
Compact mechanism for greater wiring space
Dimensions: 86 x 86 mm
Supplied with 2 screws M 3.5 for BS boxes. Supplied as complete product with protective film

Single pole illuminated switches 16 AX - 250 V~

Transparent lens
To be equipped with warm white or red LED according to the need: indicator or locator (p. 704)
The LED is not supplied

Pack	Cat.Nos
1-gang 1-way switch	
5	2 810 10BA
5	2 810 10BB
5	2 810 10CH
5	2 810 10DB
5	2 810 10DS
5	2 810 10MB
10	2 810 10MW
1-gang 2-way switch	
5	2 810 11BA
5	2 810 11BB
5	2 810 11CH
5	2 810 11DB
5	2 810 11DS
5	2 810 11MB
10	2 810 11MW
1-gang intermediate switch	
5	2 810 09BA
5	2 810 09BB
5	2 810 09CH
5	2 810 09DB
5	2 810 09DS
5	2 810 09MB
5	2 810 09MW
2-gang 1-way switch	
5	2 810 12BA
5	2 810 12BB
5	2 810 12CH
5	2 810 12DB
5	2 810 12DS
5	2 810 12MB
10	2 810 12MW
2-gang 2-way switch	
5	2 810 13BA
5	2 810 13BB
5	2 810 13CH
5	2 810 13DB
5	2 810 13DS
5	2 810 13MB
10	2 810 13MW

Brushed Aluminium
Brushed Black
Champagne
Dark Bronze
Dark Silver
Matt Black
Matt White

Single pole illuminated switches 16 AX - 250 V~ (continued)

Pack	Cat.Nos
3-gang 1-way switch	
5	2 810 14BA
5	2 810 14BB
5	2 810 14CH
5	2 810 14DB
5	2 810 14DS
5	2 810 14MB
10	2 810 14MW
3-gang 2-way switch	
5	2 810 15BA
5	2 810 15BB
5	2 810 15CH
5	2 810 15DB
5	2 810 15DS
5	2 810 15MB
10	2 810 15MW

Brushed Aluminium
Brushed Black
Champagne
Dark Bronze
Dark Silver
Matt Black
Matt White

Single pole switches 20 AX - 250 V~

Pack	Cat.Nos
1-gang 1-way switch	
5	2 810 50BA
5	2 810 50BB
5	2 810 50CH
5	2 810 50DB
5	2 810 50DS
5	2 810 50MB
10	2 810 50MW
1-gang 2-way switch	
5	2 810 51BA
5	2 810 51BB
5	2 810 51CH
5	2 810 51DB
5	2 810 51DS
5	2 810 51MB
10	2 810 51MW
1-gang intermediate switch	
5	2 810 69BA
5	2 810 69BB
5	2 810 69CH
5	2 810 69DB
5	2 810 69DS
5	2 810 69MB
5	2 810 69MW

Brushed Aluminium
Brushed Black
Champagne
Dark Bronze
Dark Silver
Matt Black
Matt White

Red catalogue numbers: New products

Mallia™ Senses

single pole switches (continued)

2 810 53MW

2 810 55MB

Conform to BS EN 60669-1
Compact mechanism for greater wiring space
Dimensions: 86 x 86 mm
Supplied with 2 screws M 3.5 for BS boxes. Supplied as complete product with protective film

Pack	Cat.Nos
5	2 810 52BA
5	2 810 52BB
5	2 810 52CH
5	2 810 52DB
5	2 810 52DS
5	2 810 52MB
10	2 810 52MW
5	2 810 53BA
5	2 810 53BB
5	2 810 53CH
5	2 810 53DB
5	2 810 53DS
5	2 810 53MB
10	2 810 53MW
5	2 810 54BA
5	2 810 54BB
5	2 810 54CH
5	2 810 54DB
5	2 810 54DS
5	2 810 54MB
10	2 810 54MW
5	2 810 55BA
5	2 810 55BB
5	2 810 55CH
5	2 810 55DB
5	2 810 55DS
5	2 810 55MB
10	2 810 55MW

Single pole switches 20 AX - 250 V~ (continued)

2-gang 1-way switch

- Brushed Aluminium
- Brushed Black
- Champagne
- Dark Bronze
- Dark Silver
- Matt Black
- Matt White

2-gang 2-way switch

- Brushed Aluminium
- Brushed Black
- Champagne
- Dark Bronze
- Dark Silver
- Matt Black
- Matt White

3-gang 1-way switch

For 4 lugs boxes, fold the top and bottom lugs

- Brushed Aluminium
- Brushed Black
- Champagne
- Dark Bronze
- Dark Silver
- Matt Black
- Matt White

3-gang 2-way switch

For 4 lugs boxes, fold the top and bottom lugs

- Brushed Aluminium
- Brushed Black
- Champagne
- Dark Bronze
- Dark Silver
- Matt Black
- Matt White

Mallia™ Senses

double pole switches

2 810 61BA

2 810 65CH

Conform to BS EN 60669-1
Compact mechanism for greater wiring space
Dimensions: 86 x 86 mm
Supplied with 2 screws M 3.5 for BS boxes. Supplied as complete product with protective film

Pack	Cat.Nos
5	2 810 60BA
5	2 810 60BB
5	2 810 60CH
5	2 810 60DB
5	2 810 60DS
5	2 810 60MB
10	2 810 60MW
5	2 810 61BA
5	2 810 61BB
5	2 810 61CH
5	2 810 61DB
5	2 810 61DS
5	2 810 61MB
10	2 810 61MW
5	2 810 65BA
5	2 810 65BB
5	2 810 65CH
5	2 810 65DB
5	2 810 65DS
5	2 810 65MB
10	2 810 65MW

Double pole switches 20 AX - 250 V~

Equipped with earth link connector

1-gang 1-way switch

- Brushed Aluminium
- Brushed Black
- Champagne
- Dark Bronze
- Dark Silver
- Matt Black
- Matt White

1-gang 1-way switch with red LED power indicator

- Brushed Aluminium
- Brushed Black
- Champagne
- Dark Bronze
- Dark Silver
- Matt Black
- Matt White

2-gang 1-way switch with red LED power indicator

- Brushed Aluminium
- Brushed Black
- Champagne
- Dark Bronze
- Dark Silver
- Matt Black
- Matt White

Red catalogue numbers: New products

Mallia™ Senses

double pole switches (continued)

2 810 62DB

2 810 66CH

2 810 70BA

2 810 73CH

Conform to BS EN 60669-1
Dimensions: 86 x 86 mm (1-gang) / 86 x 146 mm (2-gang)
Supplied with 2 screws M 3.5 for BS boxes. Supplied as complete product with protective film

Double pole switches 20 AX - 250 V~ (continued)

Equipped with earth link connector
Compact mechanism for greater wiring space

1-gang 1-way switch with red LED power indicator and "WATER HEATER" marking

Pack	Cat.Nos	
5	2 810 62BA	Brushed Aluminium
5	2 810 62BB	Brushed Black
5	2 810 62CH	Champagne
5	2 810 62DB	Dark Bronze
5	2 810 62DS	Dark Silver
5	2 810 62MB	Matt Black
10	2 810 62MW	Matt White

1-gang 2-way switch with red LED power indicator and "WATER HEATER" marking

Pack	Cat.Nos	
5	2 810 68BA	Brushed Aluminium
5	2 810 68BB	Brushed Black
5	2 810 68CH	Champagne
5	2 810 68DB	Dark Bronze
5	2 810 68DS	Dark Silver
5	2 810 68MB	Matt Black
10	2 810 68MW	Matt White

1-gang 1-way switch with red LED power indicator and cable outlet

Pack	Cat.Nos	
5	2 810 66BA	Brushed Aluminium
5	2 810 66BB	Brushed Black
5	2 810 66CH	Champagne
5	2 810 66DB	Dark Bronze
5	2 810 66DS	Dark Silver
5	2 810 66MB	Matt Black
10	2 810 66MW	Matt White

Double pole switches 32 A - 250 V~

1-gang 1-way switch with red LED indicator

Pack	Cat.Nos	
5	2 810 74BA	Brushed Aluminium
5	2 810 74BB	Brushed Black
5	2 810 74CH	Champagne
5	2 810 74DB	Dark Bronze
5	2 810 74DS	Dark Silver
5	2 810 74MB	Matt Black
10	2 810 74MW	Matt White

Double pole switches 45 A - 250 V~

1-gang 1-way switch with red LED indicator

Pack	Cat.Nos	
5	2 810 70BA	Brushed Aluminium
5	2 810 70BB	Brushed Black
5	2 810 70CH	Champagne
5	2 810 70DB	Dark Bronze
5	2 810 70DS	Dark Silver
5	2 810 70MB	Matt Black
10	2 810 70MW	Matt White

1-gang 1-way switch with red LED indicator

Pack	Cat.Nos	
5	2 810 71BA	Brushed Aluminium
5	2 810 71BB	Brushed Black
5	2 810 71CH	Champagne
5	2 810 71DB	Dark Bronze
5	2 810 71DS	Dark Silver
5	2 810 71MB	Matt Black
10	2 810 71MW	Matt White

2-gang 1-way vertical switch with red LED indicator

Pack	Cat.Nos	
5	2 810 73BA	Brushed Aluminium
5	2 810 73BB	Brushed Black
5	2 810 73CH	Champagne
5	2 810 73DB	Dark Bronze
5	2 810 73DS	Dark Silver
5	2 810 73MB	Matt Black
5	2 810 73MW	Matt White

Red catalogue numbers: New products

Mallia™ Senses

electronic switches

2 812 00MB

2 812 40DB

Conform to BS EN 60669-2-1
Dimensions: 86 x 86 mm
Supplied with 2 screws M 3.5 for BS boxes. Supplied as complete product with protective film

Pack	Cat.Nos
1	2 812 00BA
1	2 812 00BB
1	2 812 00CH
1	2 812 00DB
1	2 812 00DS
1	2 812 00MB
1	2 812 00MW

Touch switches 16 AX- 250 V~

For all types of lamps:
- LEDs with integrated electronic ballast: max 500 W
- Incandescent and halogen lamps 230 VA: max 3000 W
- ELV halogen and CFL lamps with separate ferromagnetic ballast: max 2000 VA
- ELV halogen and CFL lamps with ferromagnetic or electronic transformer: max 2000 VA
- LEDs with separate electronic ballast: max 1250 VA
- CFL lamps with integrated electronic ballast: max 600 W
- Fluorescent lamps with inductive ballast: max 600 W

Standby consumption: 0.1 W

1-gang 1-way switch with neutral

- Brushed Aluminium
- Brushed Black
- Champagne
- Dark Bronze
- Dark Silver
- Matt Black
- Matt White

Pack	Cat.Nos
1	2 812 40BA
1	2 812 40BB
1	2 812 40CH
1	2 812 40DB
1	2 812 40DS
1	2 812 40MB
1	2 812 40MW

Touch bell pushes 6 AX - 250 V~

Operate :
- 200 VA magnetic tong bell

1-gang

- Brushed Aluminium
- Brushed Black
- Champagne
- Dark Bronze
- Dark Silver
- Matt Black
- Matt White

Mallia™ Senses

push-buttons

2 810 40DB

Dimensions: 86 x 86 mm
Compact mechanism for greater wiring space
Supplied with 2 screws M 3.5 for BS boxes. Supplied as complete product with protective film

Pack	Cat.Nos
5	2 810 41BA
5	2 810 41BB
5	2 810 41CH
5	2 810 41DB
5	2 810 41DS
5	2 810 41MB
10	2 810 41MW
5	2 810 40BA
5	2 810 40BB
5	2 810 40CH
5	2 810 40DB
5	2 810 40DS
5	2 810 40MB
10	2 810 40MW
5	2 810 42BA
5	2 810 42BB
5	2 810 42CH
5	2 810 42DB
5	2 810 42DS
5	2 810 42MB
10	2 810 42MW
5	2 810 43BA
5	2 810 43BB
5	2 810 43CH
5	2 810 43DB
5	2 810 43DS
5	2 810 43MB
10	2 810 43MW
5	2 810 44BA
5	2 810 44BB
5	2 810 44CH
5	2 810 44DB
5	2 810 44DS
5	2 810 44MB
10	2 810 44MW

Push-buttons 10 A - 250 V~

Conform to BS EN 60669-1

1-gang

- Brushed Aluminium
- Brushed Black
- Champagne
- Dark Bronze
- Dark Silver
- Matt Black
- Matt White

1-gang with bell symbol

- Brushed Aluminium
- Brushed Black
- Champagne
- Dark Bronze
- Dark Silver
- Matt Black
- Matt White

2-gang

- Brushed Aluminium
- Brushed Black
- Champagne
- Dark Bronze
- Dark Silver
- Matt Black
- Matt White

3-gang

- Brushed Aluminium
- Brushed Black
- Champagne
- Dark Bronze
- Dark Silver
- Matt Black
- Matt White

4-gang

- Brushed Aluminium
- Brushed Black
- Champagne
- Dark Bronze
- Dark Silver
- Matt Black
- Matt White

Red catalogue numbers: New products

Mallia™ Senses

push-buttons (continued)

2 810 57MW

2 810 58BB

2 810 59CH

Dimensions: 86 x 86 mm
Compact mechanism for greater wiring space
Supplied with 2 screws M 3.5 for BS boxes. Supplied as complete product with protective film

Pack	Cat.Nos
5	2 810 57BA
5	2 810 57BB
5	2 810 57CH
5	2 810 57DB
5	2 810 57DS
5	2 810 57MB
10	2 810 57MW
5	2 810 58BA
5	2 810 58BB
5	2 810 58CH
5	2 810 58DB
5	2 810 58DS
5	2 810 58MB
10	2 810 58MW
5	2 810 59BA
5	2 810 59BB
5	2 810 59CH
5	2 810 59DB
5	2 810 59DS
5	2 810 59MB
10	2 810 59MW

Illuminated push-buttons 10 A - 250 V~

1-gang

- Brushed Aluminium
- Brushed Black
- Champagne
- Dark Bronze
- Dark Silver
- Matt Black
- Matt White

2-gang

- Brushed Aluminium
- Brushed Black
- Champagne
- Dark Bronze
- Dark Silver
- Matt Black
- Matt White

3-gang

- Brushed Aluminium
- Brushed Black
- Champagne
- Dark Bronze
- Dark Silver
- Matt Black
- Matt White

Mallia™ Senses

roller blind controls

2 810 47DS

Dimensions: 86 x 86 mm
Compact mechanism for greater wiring space
Supplied with 2 screws M 3.5 for BS boxes. Supplied as complete product with protective film

Pack	Cat.Nos
5	2 810 47BA
5	2 810 47BB
5	2 810 47CH
5	2 810 47DB
5	2 810 47DS
5	2 810 47MB
10	2 810 47MW

Roller blind controls

Conform to IEC 60669-1
For shutters and curtains control via electronic control unit

- Brushed Aluminium
- Brushed Black
- Champagne
- Dark Bronze
- Dark Silver
- Matt Black
- Matt White

Mallia™ Senses

automatic switches

2 810 90CH

2 810 92CH

Conform to BS EN 60669-2-1
Dimensions: 86 x 86 mm
Supplied with 2 screws M 3.5 for BS boxes. Supplied as complete product with protective film

Movement detectors

IR movement detector
Horizontal detection angle 120°
Luminosity threshold: 3 to 500 lux
Detection range: max. 8 m
Adjustable time delay: 30 s, 90 s, 180 s

Without Neutral

For all types of lamps:
- LEDs and CFL lamps with integrated electronic ballast: 3 W to 100 W
- Incandescent and halogen lamps: 5 W to 400 W
- ELV halogen, CFL lamps with separate ferromagnetic ballast: 20 VA to 200 VA
- ELV halogen, CFL lamps with separate electronic ballast: 5 VA to 200 VA

Standby consumption: 0.02 W

Pack	Cat.Nos	
1	2 810 90BA	Brushed Aluminium
1	2 810 90BB	Brushed Black
1	2 810 90CH	Champagne
1	2 810 90DB	Dark Bronze
1	2 810 90DS	Dark Silver
1	2 810 90MB	Matt Black
1	2 810 90MW	Matt White

With Neutral

For all types of lamps:
- LEDs and CFL lamps with integrated electronic ballast: max 100 W
- Incandescent and halogen lamps: max 400 W
- ELV halogen, CFL lamps with separate ferromagnetic ballast: max 200 VA
-ELV halogen, CFL lamps with separate electronic ballast: max 200 VA

Standby consumption: 0.02 W

Pack	Cat.Nos	
1	2 810 91BA	Brushed Aluminium
1	2 810 91BB	Brushed Black
1	2 810 91CH	Champagne
1	2 810 91DB	Dark Bronze
1	2 810 91DS	Dark Silver
1	2 810 91MB	Matt Black
1	2 810 91MW	Matt White

Sound and light detectors

Compact mechanism for greater wiring space
Timer switch activated by noise or light:
- sound threshold : 65 to 85 dB
- luminosity threshold : 3 to 500 lux

The light switches on during 30 seconds and switches off if no noise is detected
If the sound continues, the load will stay on until 30 seconds after it stops

Without Neutral

For all types of lamps:
- LEDs and CFL lamps with integrated electronic ballast: 3 W to 100 W
- Incandescent and halogen lamps: 5 W to 400 W
- ELV halogen and CFL lamps with separate ferromagnetic ballast: 20 VA to 200 VA
- ELV halogen and CFL lamps with separate electronic ballast: 5 VA to 200 VA

Standby consumption: 0.02 W

Pack	Cat.Nos	
1	2 810 92BA	Brushed Aluminium
1	2 810 92BB	Brushed Black
1	2 810 92CH	Champagne
1	2 810 92DB	Dark Bronze
1	2 810 92DS	Dark Silver
1	2 810 92MB	Matt Black
1	2 810 92MW	Matt White

With Neutral

For all types of lamps:
- LEDs and CFL lamps with integrated electronic ballast: max 100 W
- Incandescent and halogen lamps: max 400 W
- ELV halogen and CFL lamps with separate ferromagnetic ballast: max 200 VA
- ELV halogen and CFL lamps with separate electronic ballast: max 200 VA

Standby consumption: 0.02 W

Pack	Cat.Nos	
1	2 810 93BA	Brushed Aluminium
1	2 810 93BB	Brushed Black
1	2 810 93CH	Champagne
1	2 810 93DB	Dark Bronze
1	2 810 93DS	Dark Silver
1	2 810 93MB	Matt Black
1	2 810 93MW	Matt White

Red catalogue numbers: New products

Mallia™ Senses

dimmers

2 812 86MB

2 810 86CH

2 810 80DB

Dimensions: 86 x 86 mm
Supplied with 2 screws M 3.5 for BS boxes. Supplied as complete product with protective film

Dimmers

300 W sliding touch dimmer with neutral
Conform to BS EN 60669-2-1
For all types of lamps :
- Dimmable LEDs: 5 to 75 W (Leading); max. 200 W (Trailing)
- Incandescent and halogen lamps: 5 to 300 W
- ELV halogen and CFL lamps with separate ferromagnetic ballast: 5 to 300 VA
- ELV halogen and CFL lamps with separate electronic ballast: 5 to 200 VA
- Dimmable CFL lamps: 5 to 75 W
Standby consumption: 0.15 W

Pack	Cat.Nos	
1	2 812 86BA	Brushed Aluminium
1	2 812 86BB	Brushed Black
1	2 812 86CH	Champagne
1	2 812 86DB	Dark Bronze
1	2 812 86DS	Dark Silver
1	2 812 86MB	Matt Black
1	2 812 86MW	Matt White

300 W rotary dimmer without neutral
Conform to IEC 60669-2-1
For all types of lamps:
- Dimmable LEDs: 5 to 75 W (Leading); 5 to 200 W (Trailing)
- Incandescent and halogen lamps: 5 to 300 W
- Dimmable compact fluorescent lamps: 5 to 75 W
- Halogen lamps with ferromagnetic or electronic transformer: 5 to 300 VA
- Fluorescent tube with integrated electronic ballast: 5 to 300 VA
Standby consumption: 0.15 W

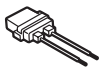
Pack	Cat.Nos	
1	2 810 86BA	Brushed Aluminium
1	2 810 86BB	Brushed Black
1	2 810 86CH	Champagne
1	2 810 86DB	Dark Bronze
1	2 810 86DS	Dark Silver
1	2 810 86MB	Matt Black
1	2 810 86MW	Matt White

Dimmers (continued)

500 W rotary dimmer without neutral
Conform to BS EN 60669-2-1
For all types of lamps:
- Incandescent and halogen lamps: 60 to 500 W

Pack	Cat.Nos	
1	2 810 80BA	Brushed Aluminium
1	2 810 80BB	Brushed Black
1	2 810 80CH	Champagne
1	2 810 80DB	Dark Bronze
1	2 810 80DS	Dark Silver
1	2 810 80MB	Matt Black
1	2 810 80MW	Matt White

Active Power Bleeder



Pack	Cat.Nos	
1	0 401 49	Makes 2-wire electronic lighting control units without neutral compatible with all commercially-available loads (LED, compact fluorescent, ELV halogen with ferromagnetic or electronic ballast, 230 V halogen, fluorescent tube, incandescent) Consumption: 0.4 W

Red catalogue numbers: New products

Mallia™ Senses

fan controls, cooker control units and panic buttons

2 810 75DS

2 810 49DS

Dimensions: 86 x 86 mm (1-gang) / 146 x 86 mm (2-gang)
Supplied with 2 screws M 3.5 for BS boxes
Supplied as complete product with protective film

Fan speed controls

Conform to BS EN 60669-2-1

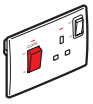
5-speed fan controls
100 W for fan with overall diameter 48"

Pack	Cat.Nos	
1	2 810 82BA	Brushed Aluminium
1	2 810 82BB	Brushed Black
1	2 810 82CH	Champagne
1	2 810 82DB	Dark Bronze
1	2 810 82DS	Dark Silver
1	2 810 82MB	Matt Black
1	2 810 82MW	Matt White

Cooker control units 45 A - 250 VA

Conform to BS 4177

45 A DP switch + 13 A switched socket outlet with red indicator



Pack	Cat.Nos	
5	2 810 75BA	Brushed Aluminium
5	2 810 75BB	Brushed Black
5	2 810 75CH	Champagne
5	2 810 75DB	Dark Bronze
5	2 810 75DS	Dark Silver
5	2 810 75MB	Matt Black
5	2 810 75MW	Matt White

Panic buttons

1 A resistive - 250 VA

Pack	Cat.Nos	
1	2 810 49BA	Brushed Aluminium
1	2 810 49BB	Brushed Black
1	2 810 49CH	Champagne
1	2 810 49DB	Dark Bronze
1	2 810 49DS	Dark Silver
1	2 810 49MB	Matt Black
5	2 810 49MW	Matt White

Mallia™ Senses

telephone and data sockets

2 811 60MW

2 811 66DS

Dimensions: 86 x 86 mm
Compact mechanism for greater wiring space
Supplied with 2 screws M 3.5 for BS boxes
Supplied as complete product with protective film

Telephone sockets

RJ 11 sockets - 4 contacts
1/4 turn, tool-less connector

Pack	Cat.Nos	
5	2 811 60BA	Brushed Aluminium
5	2 811 60BB	Brushed Black
5	2 811 60CH	Champagne
5	2 811 60DB	Dark Bronze
5	2 811 60DS	Dark Silver
5	2 811 60MB	Matt Black
5	2 811 60MW	Matt White

Double RJ 11 sockets - 4 contacts
1/4 turn, tool-less connector

Pack	Cat.Nos	
5	2 811 63BA	Brushed Aluminium
5	2 811 63BB	Brushed Black
5	2 811 63CH	Champagne
5	2 811 63DB	Dark Bronze
5	2 811 63DS	Dark Silver
5	2 811 63MB	Matt Black
5	2 811 63MW	Matt White

BS secondary telephone sockets

Pack	Cat.Nos	
5	2 811 69BA	Brushed Aluminium
5	2 811 69BB	Brushed Black
5	2 811 69CH	Champagne
5	2 811 69DB	Dark Bronze
5	2 811 69DS	Dark Silver
5	2 811 69MB	Matt Black
5	2 811 69MW	Matt White

Telephone and data sockets

RJ 11 + RJ 45 sockets Cat. 6 UTP

Pack	Cat.Nos	
5	2 811 66BA	Brushed Aluminium
5	2 811 66BB	Brushed Black
5	2 811 66CH	Champagne
5	2 811 66DB	Dark Bronze
5	2 811 66DS	Dark Silver
5	2 811 66MB	Matt Black
5	2 811 66MW	Matt White

Red catalogue numbers: New products

Mallia™ Senses

data sockets

2 811 59MB

2 811 65BA

Dimensions: 86 x 86 mm
Compact mechanism for greater wiring space
Supplied with 2 screws M 3.5 for BS boxes
Supplied as complete product with protective film

Data sockets

Compliant with ISO/IEC 11 801, EN 50173 and ANSI/TIA 568 standards

Pack	Cat.Nos	
		RJ 45 cat. 5e UTP
5	2 811 61BA	Brushed Aluminium
5	2 811 61BB	Brushed Black
5	2 811 61CH	Champagne
5	2 811 61DB	Dark Bronze
5	2 811 61DS	Dark Silver
5	2 811 61MB	Matt Black
5	2 811 61MW	Matt White
		RJ 45 cat. 6 UTP
5	2 811 62BA	Brushed Aluminium
5	2 811 62BB	Brushed Black
5	2 811 62CH	Champagne
5	2 811 62DB	Dark Bronze
5	2 811 62DS	Dark Silver
5	2 811 62MB	Matt Black
5	2 811 62MW	Matt White
		RJ 45 cat. 6 STP
5	2 811 59BA	Brushed Aluminium
5	2 811 59BB	Brushed Black
5	2 811 59CH	Champagne
5	2 811 59DB	Dark Bronze
5	2 811 59DS	Dark Silver
5	2 811 59MB	Matt Black
5	2 811 59MW	Matt White
		Double RJ 45 cat. 5e UTP
5	2 811 64BA	Brushed Aluminium
5	2 811 64BB	Brushed Black
5	2 811 64CH	Champagne
5	2 811 64DB	Dark Bronze
5	2 811 64DS	Dark Silver
5	2 811 64MB	Matt Black
5	2 811 64MW	Matt White
		Double RJ 45 cat. 6 UTP
5	2 811 65BA	Brushed Aluminium
5	2 811 65BB	Brushed Black
5	2 811 65CH	Champagne
5	2 811 65DB	Dark Bronze
5	2 811 65DS	Dark Silver
5	2 811 65MB	Matt Black
5	2 811 65MW	Matt White
		Double RJ 45 cat. 6 STP
5	2 811 58BA	Brushed Aluminium
5	2 811 58BB	Brushed Black
5	2 811 58CH	Champagne
5	2 811 58DB	Dark Bronze
5	2 811 58DS	Dark Silver
5	2 811 58MB	Matt Black
5	2 811 58MW	Matt White

Mallia™ Senses

television sockets

2 811 57DB

Conform to EN 50083-2 and European directive
Dimensions: 86 x 86 mm
Supplied with 2 screws M 3.5 for BS boxes
Supplied as complete product with protective film

Multiple entries television sockets

For DVBT, cable cast and satellite installation (with individual demodulator)
DVBT HDTV compatible
TV: male connector (Ø9.5 mm)
R: female connector (Ø9.5 mm)
SAT: "F" type connector
Recommended coaxial cable 17 VATC

Pack	Cat.Nos	
		TV-R-SAT sockets - star attenuation < 1.5 dB
		TV: 5-68/120-862 MHz R: 87.5-108 MHz FM / 174-223 MHz DAB+ SAT: 550-2400 MHz Installation recommended in flush-mounting box depth 40 mm
5	2 811 57BA	Brushed Aluminium
5	2 811 57BB	Brushed Black
5	2 811 57CH	Champagne
5	2 811 57DB	Dark Bronze
5	2 811 57DS	Dark Silver
5	2 811 57MB	Matt Black
5	2 811 57MW	Matt White
		TV-SAT sockets - star attenuation < 1.5 dB
		TV: 5-68/120-862 MHz. SAT: 950-2400 MHz Installation recommended in flush-mounting box depth 40 mm
5	2 811 53BA	Brushed Aluminium
5	2 811 53BB	Brushed Black
5	2 811 53CH	Champagne
5	2 811 53DB	Dark Bronze
5	2 811 53DS	Dark Silver
5	2 811 53MB	Matt Black
5	2 811 53MW	Matt White

Red catalogue numbers: New products

Mallia™ Senses

television sockets (continued)

2 811 51CH

2 811 52DS

Dimensions: 86 x 86 mm
Supplied with 2 screws M 3.5 for BS boxes
Supplied as complete product with protective film

Pack	Cat.Nos
5	2 811 51BA
5	2 811 51BB
5	2 811 51CH
5	2 811 51DB
5	2 811 51DS
5	2 811 51MB
10	2 811 51MW
5	2 811 54BA
5	2 811 54BB
5	2 811 54CH
5	2 811 54DB
5	2 811 54DS
5	2 811 54MB
10	2 811 54MW
5	2 811 52BA
5	2 811 52BB
5	2 811 52CH
5	2 811 52DB
5	2 811 52DS
5	2 811 52MB
10	2 811 52MW

Single television sockets

For DVBT, cable cast and satellite installation (with individual demodulator)
DVBT HDTV compatible
TV: male connector (Ø9.5 mm)
R: female connector (Ø9.5 mm)
SAT: "F" type connector
Recommended coaxial cable 17 VATC

Female TV sockets - star attenuation < 1 dB
TV: 0-2400 MHz
Installation recommended in flush-mounting box depth 40 mm

- Brushed Aluminium
- Brushed Black
- Champagne
- Dark Bronze
- Dark Silver
- Matt Black
- Matt White

Male TV sockets - star attenuation < 1.5 dB
TV: 0-2400 MHz
Installation recommended in flush-mounting box depth 40 mm

- Brushed Aluminium
- Brushed Black
- Champagne
- Dark Bronze
- Dark Silver
- Matt Black
- Matt White

TV sockets "F" type with screws - star attenuation < 1 dB
SAT: 0-2400 MHz

- Brushed Aluminium
- Brushed Black
- Champagne
- Dark Bronze
- Dark Silver
- Matt Black
- Matt White

Mallia™ Senses

audio and video sockets

2 810 31CH

2 810 21MB

Dimensions: 86 x 86 mm
Supplied with 2 screws M 3.5 for BS boxes
Supplied as complete product with protective film

Pack	Cat.Nos
1	2 810 31BA
1	2 810 31BB
1	2 810 31CH
1	2 810 31DB
1	2 810 31DS
1	2 810 31MB
5	2 810 31MW
1	2 810 32BA
1	2 810 32BB
1	2 810 32CH
1	2 810 32DB
1	2 810 32DS
1	2 810 32MB
5	2 810 32MW
1	2 810 21BA
1	2 810 21BB
1	2 810 21CH
1	2 810 21DB
1	2 810 21DS
1	2 810 21MB
5	2 810 21MW

Audio and video sockets

Single loudspeaker sockets
4 mm² terminals
Brass connectors ensure excellent sound transmission quality

- Brushed Aluminium
- Brushed Black
- Champagne
- Dark Bronze
- Dark Silver
- Matt Black
- Matt White

Double loudspeaker sockets
4 mm² terminals
Brass connectors ensure excellent sound transmission quality

- Brushed Aluminium
- Brushed Black
- Champagne
- Dark Bronze
- Dark Silver
- Matt Black
- Matt White

HDMI Type-A sockets + USB Type-A data sockets
Used to bring connections closer to the users and to transmit high-definition digital audio video streams between a source (Blu-Ray player, computer) and a compatible receiver (e.g. TV, videoprojector) and with connecting USB devices (interactive white board, scanner-printer, external hard disk)

- Brushed Aluminium
- Brushed Black
- Champagne
- Dark Bronze
- Dark Silver
- Matt Black
- Matt White

Red catalogue numbers: New products

Mallia™ Senses

British standard socket outlets

2 811 11BA

2 811 15CH

2 811 17MB

Dimensions: 86 x 86 mm (1-gang) / 146 x 86 mm (2-gang)
Supplied with 2 screws M 3.5 for BS boxes
Supplied as complete product with protective film
All sockets integrate child protection

British standard single pole socket outlets 13 A - 250 V~

Conform to BS 1363-2

Pack	Cat.Nos	
		1-gang - unswitched
5	2 811 10BA	Brushed Aluminium
5	2 811 10BB	Brushed Black
5	2 811 10CH	Champagne
5	2 811 10DB	Dark Bronze
5	2 811 10DS	Dark Silver
5	2 811 10MB	Matt Black
10	2 811 10MW	Matt White
		2-gang - unswitched
5	2 811 12BA	Brushed Aluminium
5	2 811 12BB	Brushed Black
5	2 811 12CH	Champagne
5	2 811 12DB	Dark Bronze
5	2 811 12DS	Dark Silver
5	2 811 12MB	Matt Black
5	2 811 12MW	Matt White
		1-gang - switched
5	2 811 11BA	Brushed Aluminium
5	2 811 11BB	Brushed Black
5	2 811 11CH	Champagne
5	2 811 11DB	Dark Bronze
5	2 811 11DS	Dark Silver
5	2 811 11MB	Matt Black
10	2 811 11MW	Matt White
		1-gang - switched with red LED power indicator
5	2 811 14BA	Brushed Aluminium
5	2 811 14BB	Brushed Black
5	2 811 14CH	Champagne
5	2 811 14DB	Dark Bronze
5	2 811 14DS	Dark Silver
5	2 811 14MB	Matt Black
10	2 811 14MW	Matt White
		2-gang - switched
5	2 811 13BA	Brushed Aluminium
5	2 811 13BB	Brushed Black
5	2 811 13CH	Champagne
5	2 811 13DB	Dark Bronze
5	2 811 13DS	Dark Silver
5	2 811 13MB	Matt Black
5	2 811 13MW	Matt White
		2-gang - switched with red LED power indicator
5	2 811 15BA	Brushed Aluminium
5	2 811 15BB	Brushed Black
5	2 811 15CH	Champagne
5	2 811 15DB	Dark Bronze
5	2 811 15DS	Dark Silver
5	2 811 15MB	Matt Black
5	2 811 15MW	Matt White

British standard double pole socket outlets 13 A - 250 V~

Conform to BS 1363-2

Pack	Cat.Nos	
		1-gang - switched
5	2 811 16BA	Brushed Aluminium
5	2 811 16BB	Brushed Black
5	2 811 16CH	Champagne
5	2 811 16DB	Dark Bronze
5	2 811 16DS	Dark Silver
5	2 811 16MB	Matt Black
10	2 811 16MW	Matt White
		1-gang - switched with red LED power indicator
5	2 811 18BA	Brushed Aluminium
5	2 811 18BB	Brushed Black
5	2 811 18CH	Champagne
5	2 811 18DB	Dark Bronze
5	2 811 18DS	Dark Silver
5	2 811 18MB	Matt Black
10	2 811 18MW	Matt White
		2-gang - switched
5	2 811 17BA	Brushed Aluminium
5	2 811 17BB	Brushed Black
5	2 811 17CH	Champagne
5	2 811 17DB	Dark Bronze
5	2 811 17DS	Dark Silver
5	2 811 17MB	Matt Black
5	2 811 17MW	Matt White
		2-gang - switched with red LED power indicator
5	2 811 19BA	Brushed Aluminium
5	2 811 19BB	Brushed Black
5	2 811 19CH	Champagne
5	2 811 19DB	Dark Bronze
5	2 811 19DS	Dark Silver
5	2 811 19MB	Matt Black
5	2 811 19MW	Matt White

Red catalogue numbers: New products

Mallia™ Senses

British standard socket outlets (continued)

2 811 34AMW

2 811 30ABA

2 811 36DB

2 811 37DS

Dimensions: 86 x 86 mm (1-gang) / 146 x 86 mm (2-gang)
Supplied with 2 screws M 3.5 for BS boxes
Supplied as complete product with protective film
All sockets integrate child protection

British standard socket outlets - 13 A - 250 V~ with USB charger

Conform to BS 1363-2
USB charger conform to BS EN 62368-1
Consumption in passive mode < 0.08 W

1-gang single pole switched with USB Type-A - 3 A - 5 V⎓ - 15 W

Pack	Cat.Nos	
1	2 811 34ABA	Brushed Aluminium
1	2 811 34ABB	Brushed Black
1	2 811 34ACH	Champagne
1	2 811 34ADB	Dark Bronze
1	2 811 34ADS	Dark Silver
1	2 811 34AMB	Matt Black
1	2 811 34AMW	Matt White

1-gang single pole switched with USB Type-C - 18 W

Fast charge feature: Power Delivery

Pack	Cat.Nos	
1	2 811 30ABA	Brushed Aluminium
1	2 811 30ABB	Brushed Black
1	2 811 30ACH	Champagne
1	2 811 30ADB	Dark Bronze
1	2 811 30ADS	Dark Silver
1	2 811 30AMB	Matt Black
1	2 811 30AMW	Matt White

1-gang single pole unswitched with USB Type-A - 3 A - 5 V⎓ - 15 W

Pack	Cat.Nos	
1	2 811 33ABA	Brushed Aluminium
1	2 811 33ABB	Brushed Black
1	2 811 33ACH	Champagne
1	2 811 33ADB	Dark Bronze
1	2 811 33ADS	Dark Silver
1	2 811 33AMB	Matt Black
1	2 811 33AMW	Matt White

1-gang single pole unswitched with USB Type-C - 18 W

Fast charge feature: Power Delivery

Pack	Cat.Nos	
1	2 811 31ABA	Brushed Aluminium
1	2 811 31ABB	Brushed Black
1	2 811 31ACH	Champagne
1	2 811 31ADB	Dark Bronze
1	2 811 31ADS	Dark Silver
1	2 811 31AMB	Matt Black
1	2 811 31AMW	Matt White

2-gang single pole switched with USB Type-A + Type-C - 3 A - 5 V⎓ - 15 W

Consumption in passive mode < 0.08 W

Pack	Cat.Nos	
1	2 811 36BA	Brushed Aluminium
1	2 811 36BB	Brushed Black
1	2 811 36CH	Champagne
1	2 811 36DB	Dark Bronze
1	2 811 36DS	Dark Silver
1	2 811 36MB	Matt Black
1	2 811 36MW	Matt White

British standard socket outlets - 13 A - 250 V~ with USB charger (continued)

2-gang single pole switched with USB Type-A + Type-C - 27 W

Fast charge feature: Power Delivery
Consumption in passive mode: < 0.07 W

Pack	Cat.Nos	
1	2 811 37BA	Brushed Aluminium
1	2 811 37BB	Brushed Black
1	2 811 37CH	Champagne
1	2 811 37DB	Dark Bronze
1	2 811 37DS	Dark Silver
1	2 811 37MB	Matt Black
1	2 811 37MW	Matt White

British standard socket outlets 15 A - 250 V~

Conform to BS 546

1-gang - switched

Pack	Cat.Nos	
5	2 811 28BA	Brushed Aluminium
5	2 811 28BB	Brushed Black
5	2 811 28CH	Champagne
5	2 811 28DB	Dark Bronze
5	2 811 28DS	Dark Silver
5	2 811 28MB	Matt Black
10	2 811 28MW	Matt White

1-gang - switched with red LED power indicator

Pack	Cat.Nos	
5	2 811 29BA	Brushed Aluminium
5	2 811 29BB	Brushed Black
5	2 811 29CH	Champagne
5	2 811 29DB	Dark Bronze
5	2 811 29DS	Dark Silver
5	2 811 29MB	Matt Black
10	2 811 29MW	Matt White

British standard socket outlets 5 A - 250 V~

Conform to BS 546

1-gang - switched

Pack	Cat.Nos	
5	2 811 32BA	Brushed Aluminium
5	2 811 32BB	Brushed Black
5	2 811 32CH	Champagne
5	2 811 32DB	Dark Bronze
5	2 811 32DS	Dark Silver
5	2 811 32MB	Matt Black
10	2 811 32MW	Matt White

Mallia™ Senses

multistandard socket outlets and cable outlets

2 811 25ADS

2 811 23BB

2 811 38DS

2 811 47MB

Dimensions: 86 x 86 mm (1-gang) / 146 x 86 mm (2-gang)
Supplied with 2 screws M 3.5 for BS boxes
Supplied as complete product with protective film
All sockets integrate child protection

Multistandard switched socket outlets - 16 A - 250 V / 15 A - 127 V

1-gang 2P+E

Pack	Cat.Nos	
5	2 811 20BA	Brushed Aluminium
5	2 811 20BB	Brushed Black
5	2 811 20CH	Champagne
5	2 811 20DB	Dark Bronze
5	2 811 20DS	Dark Silver
5	2 811 20MB	Matt Black
10	2 811 20MW	Matt White

2-gang 2P+E

Pack	Cat.Nos	
5	2 811 22BA	Brushed Aluminium
5	2 811 22BB	Brushed Black
5	2 811 22CH	Champagne
5	2 811 22DB	Dark Bronze
5	2 811 22DS	Dark Silver
5	2 811 22MB	Matt Black
10	2 811 22MW	Matt White

Multistandard socket outlets 16 A - 250 V~ / 15 A - 127 V~ with USB charger

USB charger conform to IEC 62368-1

1-gang 2P+E switched + USB Type-A - 3 A - 5 V⎓ - 15 W

Consumption in passive mode < 0.08 W

Pack	Cat.Nos	
1	2 811 21ABA	Brushed Aluminium
1	2 811 21ABB	Brushed Black
1	2 811 21ACH	Champagne
1	2 811 21ADB	Dark Bronze
1	2 811 21ADS	Dark Silver
1	2 811 21AMB	Matt Black
1	2 811 21AMW	Matt White

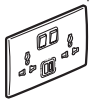
1-gang 2P+E switched + USB Type-C - 18 W

Fast charge feature: Power Delivery
Consumption in passive mode < 0.08 W

Pack	Cat.Nos	
1	2 811 25ABA	Brushed Aluminium
1	2 811 25ABB	Brushed Black
1	2 811 25ACH	Champagne
1	2 811 25ADB	Dark Bronze
1	2 811 25ADS	Dark Silver
1	2 811 25AMB	Matt Black
1	2 811 25AMW	Matt White

2-gang 2x2P+E switched + USB Type-A + Type-C - 3 A - 5 V⎓ - 15 W

Consumption in passive mode < 0.08 W



Pack	Cat.Nos	
1	2 811 23BA	Brushed Aluminium
1	2 811 23BB	Brushed Black
1	2 811 23CH	Champagne
1	2 811 23DB	Dark Bronze
1	2 811 23DS	Dark Silver
1	2 811 23MB	Matt Black
1	2 811 23MW	Matt White

Multistandard socket outlets 16 A - 250 V~ / 15 A - 127 V~ with USB charger (continued)

2-gang 2x2P+E switched + USB Type-A + Type-C - 27 W

Fast charge feature: Power Delivery
Consumption in passive mode: < 0.07 W

Pack	Cat.Nos	
1	2 811 38BA	Brushed Aluminium
1	2 811 38BB	Brushed Black
1	2 811 38CH	Champagne
1	2 811 38DB	Dark Bronze
1	2 811 38DS	Dark Silver
1	2 811 38MB	Matt Black
1	2 811 38MW	Matt White

Cable outlets

20 A

Pack	Cat.Nos	
10	2 811 47BA	Brushed Aluminium
10	2 811 47BB	Brushed Black
10	2 811 47CH	Champagne
10	2 811 47DB	Dark Bronze
10	2 811 47DS	Dark Silver
10	2 811 47MB	Matt Black
10	2 811 47MW	Matt White

45 A

Pack	Cat.Nos	
5	2 811 48CH	Champagne
5	2 811 48DB	Dark Bronze
5	2 811 48DS	Dark Silver
5	2 811 48MB	Matt Black
5	2 811 48MW	Matt White

Red catalogue numbers: New products

Mallia™ Senses

Euro-US and German standards socket outlets

2 811 04DB

2 811 26DS

Dimensions: 86 x 86 mm
Supplied with 2 screws M 3.5 for BS boxes
Supplied as complete product with protective film
All sockets integrate child protection

Pack	Cat.Nos	Euro-US standard socket outlets 16 A - 250 V~
		1-gang 2P+E
5	2 811 03BA	Brushed Aluminium
5	2 811 03BB	Brushed Black
5	2 811 03CH	Champagne
5	2 811 03DB	Dark Bronze
5	2 811 03DS	Dark Silver
5	2 811 03MB	Matt Black
10	2 811 03MW	Matt White
		1-gang duplex 2P+E
5	2 811 04BA	Brushed Aluminium
5	2 811 04BB	Brushed Black
5	2 811 04CH	Champagne
5	2 811 04DB	Dark Bronze
5	2 811 04DS	Dark Silver
5	2 811 04MB	Matt Black
10	2 811 04MW	Matt White
		1-gang duplex switched 2P
5	2 811 24BA	Brushed Aluminium
5	2 811 24BB	Brushed Black
5	2 811 24CH	Champagne
5	2 811 24DB	Dark Bronze
5	2 811 24DS	Dark Silver
5	2 811 24MB	Matt Black
10	2 811 24MW	Matt White
		Euro-US standard socket outlets - 16 A - 250 V~ with USB charger
		USB charger conform to IEC 62368-1
		1-gang duplex single pole + USB Type-A + Type-C - 3.1 A - 5 V⎓ - 15 W
		Consumption in passive mode < 0.08 W
1	2 812 04BA	Brushed Aluminium
1	2 812 04BB	Brushed Black
1	2 812 04CH	Champagne
1	2 812 04DB	Dark Bronze
1	2 812 04DS	Dark Silver
1	2 812 04MB	Matt Black
1	2 812 04MW	Matt White
		German standard socket outlets - 16 A - 250 V~
		Conform to IEC 60884-1
		1-gang 2P+E
5	2 811 26BA	Brushed Aluminium
5	2 811 26BB	Brushed Black
5	2 811 26CH	Champagne
5	2 811 26DB	Dark Bronze
5	2 811 26DS	Dark Silver
5	2 811 26MB	Matt Black
10	2 811 26MW	Matt White

Mallia™ Senses

fused connection units and USB charger

2 811 40MW

2 811 42MB

2 812 10BA

Dimensions: 86 x 86 mm
Supplied with 2 screws M 3.5 for BS boxes
Supplied as complete product with protective film

Pack	Cat.Nos	13 A fused connection units
		Conform to BS 1363- 4
		Unswitched
5	2 811 40BA	Brushed Aluminium
5	2 811 40BB	Brushed Black
5	2 811 40CH	Champagne
5	2 811 40DB	Dark Bronze
5	2 811 40DS	Dark Silver
5	2 811 40MB	Matt Black
10	2 811 40MW	Matt White
		Unswitched with red LED power indicator
5	2 811 49BA	Brushed Aluminium
5	2 811 49BB	Brushed Black
5	2 811 49CH	Champagne
5	2 811 49DB	Dark Bronze
5	2 811 49DS	Dark Silver
5	2 811 49MB	Matt Black
10	2 811 49MW	Matt White
		Switched
5	2 811 41BA	Brushed Aluminium
5	2 811 41BB	Brushed Black
5	2 811 41CH	Champagne
5	2 811 41DB	Dark Bronze
5	2 811 41DS	Dark Silver
5	2 811 41MB	Matt Black
10	2 811 41MW	Matt White
		Switched with red LED power indicator
5	2 811 42BA	Brushed Aluminium
5	2 811 42BB	Brushed Black
5	2 811 42CH	Champagne
5	2 811 42DB	Dark Bronze
5	2 811 42DS	Dark Silver
5	2 811 42MB	Matt Black
10	2 811 42MW	Matt White
		USB Type-C chargers
		Used for charging the battery of a portable device : smartphones, tablet or laptop 30 W power on single USB port (for laptop charging), 24 W power shared on two ports (for two smartphones charging) Consumption in passive mode < 0.1 W Conform to IEC 62884-2011-01 Supplied without cord
		Double USB sockets 2 x Type-C - 30 W
		Fast charge feature: Power Delivery
1	2 812 10BA	Brushed Aluminium
1	2 812 10BB	Brushed Black
1	2 812 10CH	Champagne
1	2 812 10DB	Dark Bronze
1	2 812 10DS	Dark Silver
1	2 812 10MB	Matt Black
1	2 812 10MW	Matt White

Red catalogue numbers: New products

Mallia™ Senses

hotel equipment

2 810 39BB

2 811 35DB

2 810 45BB

Dimensions: 86 x 86 mm (1-gang and 2-gang) / 86 x 150 (shaver sockets)
Supplied with 2 screws M 3.5 for BS boxes
Supplied as complete product with protective film

RFID key card switches

For energizing a circuit for example meeting room, office, hotel room, etc.
Works only with ISO type contactless key card or other ISO type 13.56 MHz key card
Time-delay of approx. 30 sec. after card removal
Lighting of the slot by LED

12 V

Pack	Cat.Nos	
1	2 810 22BA	Brushed Aluminium
1	2 810 22BB	Brushed Black
1	2 810 22CH	Champagne
1	2 810 22DB	Dark Bronze
1	2 810 22DS	Dark Silver
1	2 810 22MB	Matt Black
1	2 810 22MW	Matt White

230 V

Pack	Cat.Nos	
1	2 810 39BA	Brushed Aluminium
1	2 810 39BB	Brushed Black
1	2 810 39CH	Champagne
1	2 810 39DB	Dark Bronze
1	2 810 39DS	Dark Silver
1	2 810 39MB	Matt Black
1	2 810 39MW	Matt White

Key card

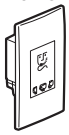
For RFID key card switches

MIFARE contactless badge card
ISO format (50 x 80 mm)
Chip: 13.56 MHz
Standard 1 KB memory

Pack	Cat.Nos
10	0 767 11

Shaver sockets

Conform to BS EN 61558-2-5, IP24
For use with European, British, American, Australian 2-pin plugs
Screwless live and neutral terminals
Double wound isolating transformer
Automatic self-resetting overload feature
Plug insertion operates micro-switch which energises transformer
For flush-mounting boxes, use BS 2-gang box depth 48 mm
Power supply: 230 V - 50/60 Hz



Pack	Cat.Nos	
1	2 811 35BA	Brushed Aluminium
1	2 811 35BB	Brushed Black
1	2 811 35CH	Champagne
1	2 811 35DB	Dark Bronze
1	2 811 35DS	Dark Silver
1	2 811 35MB	Matt Black
1	2 811 35MW	Matt White

Hotel bedroom control units

Enable the resident to inform hotel staff of the room status. Supplied with LED lamp

1-gang - Do not disturb / Make up room and bell push-button - 230 V LED

Installed in the corridor, displays calls
Indicator lamp and bell push

Pack	Cat.Nos	
5	2 810 45BA	Brushed Aluminium
5	2 810 45BB	Brushed Black
5	2 810 45CH	Champagne
5	2 810 45DB	Dark Bronze
5	2 810 45DS	Dark Silver
5	2 810 45MB	Matt Black
10	2 810 45MW	Matt White

1-gang - Do not disturb / Make up room and bell push-button - 12 V LED

Installed in the corridor, displays calls
Indicator lamp and bell push

Pack	Cat.Nos	
5	2 812 45BA	Brushed Aluminium
5	2 812 45BB	Brushed Black
5	2 812 45CH	Champagne
5	2 812 45DB	Dark Bronze
5	2 812 45DS	Dark Silver
5	2 812 45MB	Matt Black
10	2 812 45MW	Matt White

2-gang - Do not disturb / Make up room - 230 V LED

Installed in the guest room
Allows the user to select the desired setting

Pack	Cat.Nos	
5	2 810 46BA	Brushed Aluminium
5	2 810 46BB	Brushed Black
5	2 810 46CH	Champagne
5	2 810 46DB	Dark Bronze
5	2 810 46DS	Dark Silver
5	2 810 46MB	Matt Black
10	2 810 46MW	Matt White

2-gang - Do not disturb / Make up room - 12 V LED

Installed in the guest room
Allows the user to select the desired setting

Pack	Cat.Nos	
5	2 812 46BA	Brushed Aluminium
5	2 812 46BB	Brushed Black
5	2 812 46CH	Champagne
5	2 812 46DB	Dark Bronze
5	2 812 46DS	Dark Silver
5	2 812 46MB	Matt Black
10	2 812 46MW	Matt White

Mallia™ Senses

step lights and room temperature control units

2 810 97MB

2 810 23MB

Dimensions: 86 x 86 mm
Supplied with 2 screws M 3.5 for BS boxes
Supplied as complete product with protective film

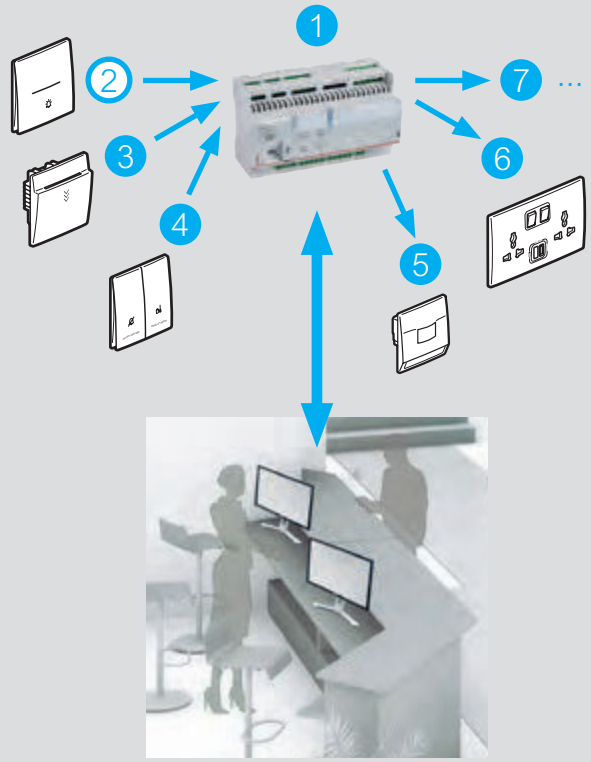
Pack	Cat.Nos	
		Step lights Conform to IEC 62094-1 Low output step light with LED Ideal to illuminate a corridor at night without dazzling people, or to highlight possible danger Voltage: 250 V Power: < 1 W
		Without motion detector
1	2 810 97BA	Brushed Aluminium
1	2 810 97BB	Brushed Black
1	2 810 97CH	Champagne
1	2 810 97DB	Dark Bronze
1	2 810 97DS	Dark Silver
1	2 810 97MB	Matt Black
1	2 810 97MW	Matt White
		With motion detector Conform to BS EN 60669-2-1 Mechanism equipped with an infrared detection cell and a LED beam Equipped with an audible signal that can be desactivated (when product is used for lighting) or not (so as to indicate danger) Horizontal detection angle: 120° Luminosity threshold: dusk: 15 Lux, night: 3 Lux Detection range: max. 8 m Light adjust.: High, Mid, Low Adjustable time delay: 30 s, 60 s, 120 s Voltage: 250 V Power: < 1 W
1	2 810 96BA	Brushed Aluminium
1	2 810 96BB	Brushed Black
1	2 810 96CH	Champagne
1	2 810 96DB	Dark Bronze
1	2 810 96DS	Dark Silver
1	2 810 96MB	Matt Black
1	2 810 96MW	Matt White
		Room temperature control units Conform to IEC 60730-1 Allows you to adjust and monitor the temperature in the rooms precisely and accurately with a tactile touch It can control an Air Conditioning System Power supply: 250 V~ 50/60 Hz Adjustable temperature range from 5 °C to 35 °C Temperature accuracy: +/- 1 °C Load type: magnetic valve/motor operated valve with 1 A capacity Temperature sensor: internal NTC Power consumption: < 1 W
1	2 810 23CH	Champagne
1	2 810 23DB	Dark Bronze
1	2 810 23DS	Dark Silver
1	2 810 23MB	Matt Black
1	2 810 23MW	Matt White

UX for Upscale hotels room management **p. 653**

Mallia™ Senses

hotel equipment

Guest Room Management System



The Room controller unit, Cat.No 0 484 08 or 0 484 12, associated with mechanical Mallia™ Senses functions can manage the lights, sockets, ventilation and curtains independently in each room.
It can be integrated with the Building Management System (BMS) and the Property Management System (PMS) in order to enable a global management of the building and the hotel's operations.

For further information on Room controller, please contact us

Red catalogue numbers: New products

Mallia™ Senses

adaptors and blanking plates

2 811 95MW

2 811 90DS

2 811 92BA + 5 754 84

Dimensions: 86 x 86 mm (1-gang) / 146 x 86 mm (2-gang)
Supplied with 2 screws M 3.5 for BS boxes
Supplied as complete product with protective film

Keystone adaptors

Pack	Cat.Nos	
		Single
5	2 811 94BA	Brushed Aluminium
5	2 811 94BB	Brushed Black
5	2 811 94CH	Champagne
5	2 811 94DB	Dark Bronze
5	2 811 94DS	Dark Silver
5	2 811 94MB	Matt Black
10	2 811 94MW	Matt White
		Double
5	2 811 95BA	Brushed Aluminium
5	2 811 95BB	Brushed Black
5	2 811 95CH	Champagne
5	2 811 95DB	Dark Bronze
5	2 811 95DS	Dark Silver
5	2 811 95MB	Matt Black
10	2 811 95MW	Matt White

Blanking plates

Pack	Cat.Nos	
		1-gang
5	2 811 90BA	Brushed Aluminium
5	2 811 90BB	Brushed Black
5	2 811 90CH	Champagne
5	2 811 90DB	Dark Bronze
5	2 811 90DS	Dark Silver
5	2 811 90MB	Matt Black
10	2 811 90MW	Matt White
		2-gang
5	2 811 91BA	Brushed Aluminium
5	2 811 91BB	Brushed Black
5	2 811 91CH	Champagne
5	2 811 91DB	Dark Bronze
5	2 811 91DS	Dark Silver
5	2 811 91MB	Matt Black
5	2 811 91MW	Matt White

Arteor adaptors

Allow the integration of 2-module Arteor mechanisms such as reading lights, USB chargers, South African standard sockets, etc.

Pack	Cat.Nos	
		1-gang - 2 modules
5	2 811 92BA	Brushed Aluminium
5	2 811 92BB	Brushed Black
5	2 811 92CH	Champagne
5	2 811 92DB	Dark Bronze
5	2 811 92DS	Dark Silver
5	2 811 92MB	Matt Black
10	2 811 92MW	Matt White
		2-gang - 2 modules
5	2 811 93BA	Brushed Aluminium
5	2 811 93BB	Brushed Black
5	2 811 93CH	Champagne
5	2 811 93DB	Dark Bronze
5	2 811 93DS	Dark Silver
5	2 811 93MB	Matt Black
10	2 811 93MW	Matt White

For integration of Arteor functions, see **Arteor offer p. 558**

Red catalogue numbers: New products

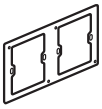
2 810 20MB

2 819 97ACC

Fixing supports

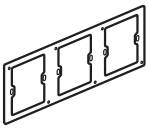
For multi-gang installation
To be installed on the boxes to allow a perfect alignment of products and a regular gap between functions
Distance between boxes: 86 mm
Compatible only with 86 x 86 mm dimensions products (except sockets with integrated USB charger)

2-gang
Dim.: 172 x 86 mm



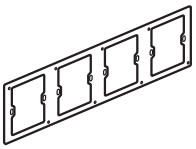
Pack	Cat.Nos	
5	2 810 18BA	Aluminium
5	2 810 18CH	Champagne
5	2 810 18DB	Dark Bronze
5	2 810 18DS	Dark Silver
5	2 810 18MB	Matt Black
5	2 810 18MW	Matt White

3-gang
Dim.: 258 x 86 mm



Pack	Cat.Nos	
5	2 810 19BA	Aluminium
5	2 810 19CH	Champagne
5	2 810 19DB	Dark Bronze
5	2 810 19DS	Dark Silver
5	2 810 19MB	Matt Black
5	2 810 19MW	Matt White

4-gang
Dim.: 344 x 86 mm



Pack	Cat.Nos	
5	2 810 20BA	Aluminium
5	2 810 20CH	Champagne
5	2 810 20DB	Dark Bronze
5	2 810 20DS	Dark Silver
5	2 810 20MB	Matt Black
5	2 810 20MW	Matt White

Lamps

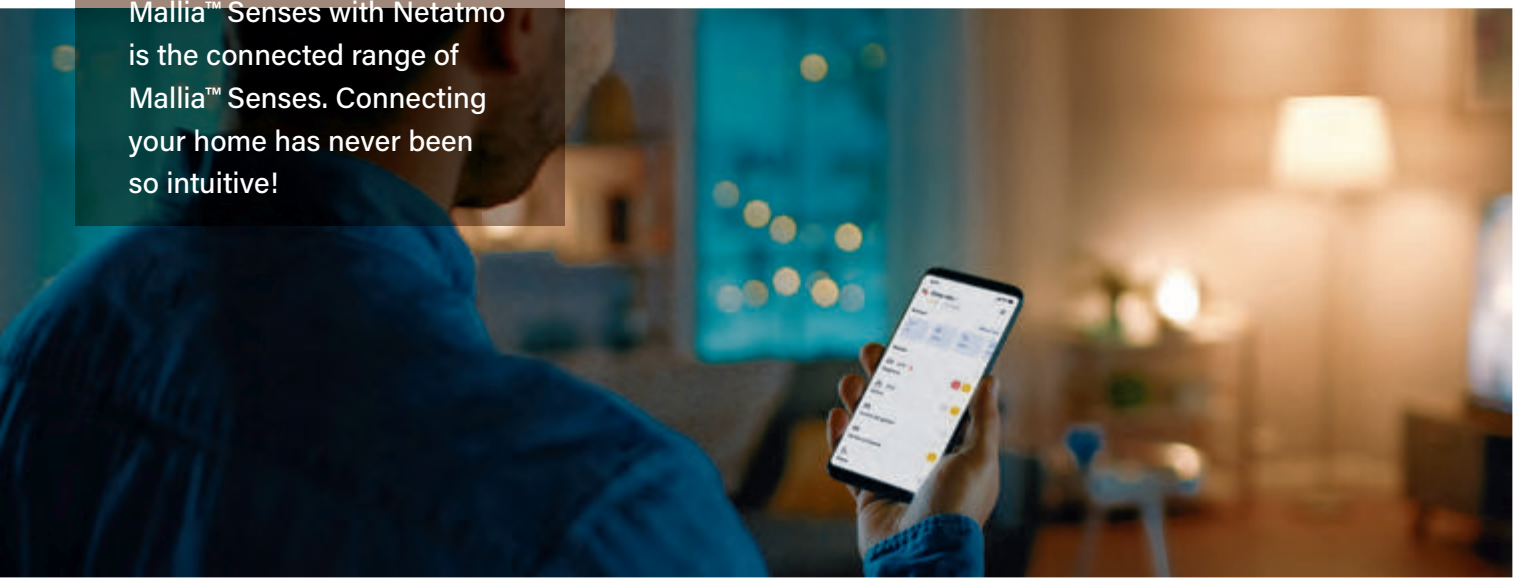
Pack	Cat.Nos	
10	2 819 97ACC	**For locator use** 230 V warm white LED
10	2 819 98ACC	**For indicator use** 230 V red LED
10	2 819 96ACC	12 V red LED Compatible with GRMS
10	2 819 99ACC	12 V white LED Compatible with GRMS

Red catalogue numbers: New products

MALLIA™ SENSES WITH NETATMO

A breath of freedom

Mallia™ Senses with Netatmo is the connected range of Mallia™ Senses. Connecting your home has never been so intuitive!



Your home, simply connected

Connect your home in no time with Mallia™ Senses with Netatmo in order to easily control lights, roller blinds and electrical appliances, manage energy consumption, and receive notifications in the event of a forgotten light or unusually high consumption.

Swipe, talk or touch! All functions can be controlled:

- via a smartphone (with the Home + Control App.),
- using a voice assistant
- manually (by direct action on the controls) !

Swipe

Talk

Touch

Home + Control

Standalone or connected a single look

The Mallia™ Senses with Netatmo switches and sockets blend in with all elements of the Mallia™ Senses range, creating a perfect harmony.

3 finishes for each style

Matt black

Dark silver

Matt White

eliot PROGRAM BY LEGRAND

MALLIA™ SENSES WITH NETATMO IS A PART OF LEGRAND'S ELIOT PROGRAM

This program is dedicated to developing sustainable connected solutions that are easy to use and maintain, accessible for everybody and customisable to the user's needs, desires and habits. To enhance the value of any home and make everyday life just that little bit more comfortable and secure.

Mallia™ Senses with Netatmo

connected gateway pack

Step 1: Gateway pack for a connected home

Must be ordered for any connected installation

Home + Control

2 815 01MB

Used to create the radio network and the Wi-Fi connection of the connected installation
Enables remote control of your home (lighting, curtain/roller blind and electrical appliances) using a smartphone via the Home + Control App. and/or voice control with a voice assistant
Must be ordered to start any connected installation
To be completed by adding individual connected products
2.4 GHz Wi-Fi connection required

Pack	Cat.Nos	Connected gateway pack
1	2 815 01DS	Conform to IEC 60669-2-5 Used to create the radio network and the Wi-Fi connection Each product is supplied complete with the protection film and with 2 screws M3,5 for BS boxes Composition: - 1 flush-mounted Zigbee/Wi-Fi gateway Allows the connection of the installation to the Wi-Fi network and enables control through the Home + Control App. and voice assistants (Google Assistant, Amazon Alexa, Apple Siri)(1) Can be installed in place of an existing product Suitable for flush-mounting box min. depth 35 mm Dim.: 86 x 86 mm - 1 Home/Away wireless master switch with preset life scenes Used to create the radio network and to control life scenes Life scenes can be customised in the Home + Control App. Supplied with CR2032 3 V long-life battery for power supply and 2 removable stickers for fixing the control unit on any substrate LED function for low battery indication Dim.: 86 x 86 mm
1	2 815 01MB	● Dark Silver ● Matt Black ○ Matt White
1	2 815 01MW	

1: Availability of voice assistants to be checked in your country

Mallia™ Senses with Netatmo

connected light switches

Step 2: Connected products

Home + Control

2 815 06MB

Used to create your connected installation, require prior installation of a gateway pack for connected installation
Conform to IEC 60669-2-5

Pack	Cat.Nos	Connected light switches with neutral, 150 W LED
		Compact mechanism for greater wiring space Supplied with 2 screws M3,5 for BS boxes Supplied as complete product with the protection film Dim.: 86 x 86 mm For local or remote control of lighting Can be controlled by one or more connected wireless light switches For all types of lamps (compatible with dimmable lamps): - LEDs and CFL lamps: 150 W LED - Incandescent and halogen lamps: 500 W - ELV halogen and CFL lamps with separate ballast: 300 VA Can be installed in place of an existing switch in a flush-mounting box depth 25 mm Locator and indicator function can be activated from the Home + Control App. Zigbee Certified Product
		1-gang
1	2 815 02DS	● Dark Silver
1	2 815 02MB	● Matt Black
1	2 815 02MW	○ Matt White
		2-gang
1	2 815 04DS	● Dark Silver
1	2 815 04MB	● Matt Black
1	2 815 04MW	○ Matt White
		3-gang
1	2 815 06DS	● Dark Silver
1	2 815 06MB	● Matt Black
1	2 815 06MW	○ Matt White

Legrand's Home + Control App. available from **Google Play and App Store**

Products to be submitted to local tests to ensure a perfect functioning
Please contact your local agency

eliot™ PROGRAM BY LEGRAND

Red catalogue numbers: New products

Mallia™ Senses with Netatmo

connected micromodule switches

Step 2: Connected products

Home + Control

5 742 43

Used to create your connected installation, require prior installation of a gateway pack for connected installation
Conform to IEC 60669-2-5

Pack	Cat.Nos	Connected micromodule switches with neutral
		Used to connect lights with a ceiling box installation Can be controlled by one or more wireless light switches and/or mechanical push-buttons Zigbee Certified Product
1	5 742 43	**ON/OFF switch 100 W LED, wired** Compatible with all loads: - LEDs and CFL lamps: 100 W LED - Incandescent and halogen lamps: 300 W - ELV halogen and CFL lamps with separate ballast: 250 VA
1	0 648 99	**Switch with dimmer option, 150 W LED, wired** For local or remote ON/OFF / dimming control of lighting Dimmer mode can be activated from the Home + Control App. Memory level function Compatible with all loads: - Dimmable LEDs and CFL lamps: 150 W LED - Incandescent and halogen lamps: 150 W - ELV halogen and CFL lamps with separate ballast: 150 VA

Mallia™ Senses with Netatmo

connected light switches with dimmer option

Step 2: Connected products

Home + Control

2 815 09MB

Used to create your connected installation, require prior installation of a gateway pack for connected installation
Conform to IEC 60669-2-5

Pack	Cat.Nos	Connected light switches with dimmer option
		Compact mechanism for greater wiring space Supplied with 2 screws M3,5 for BS boxes Supplied as complete product with the protection film Dim.: 86 x 86 mm For local or remote ON/OFF or dimming control of lighting Can be controlled by one or more connected wireless light switches or mechanical push-buttons without lamps Memory level function Can be installed in place of an existing switch in a flush-mounting box depth 25 mm Dimmer mode and locator/indicator function can be activated from the Home + Control App. Zigbee Certified Products
		With neutral, 150 W LED, 1-gang Compatible with all loads: - Dimmable LEDs and CFL lamps: 150 W LED - Incandescent and halogen lamps: 150 W - ELV halogen and CFL lamps with separate ballast: 150 VA
1	2 815 08DS	● Dark Silver
1	2 815 08MB	● Matt Black
1	2 815 08MW	○ Matt White
		Without neutral, 5-125 W LED, 1-gang Compatible with all loads: - Dimmable LEDs and CFL lamps: 125 W LED - Incandescent and halogen lamps: 125 W - ELV halogen and CFL lamps with separate ballast: 125 VA Supplied with a bleeder
1	2 815 09DS	● Dark Silver
1	2 815 09MB	● Matt Black
1	2 815 09MW	○ Matt White

Red catalogue numbers: New products

Mallia™ Senses with Netatmo

socket outlets

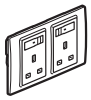
Step 2: Connected products

Home + Control

2 815 20MW

2 815 19DS

Used to complete your connected installation, require prior installation of a gateway pack for connected installation
Conform to BS 1363-2 and IEC 60669-2-5

Pack	Cat.Nos	Connected British Standard socket outlets 13 A - 250 V, switched, single pole
		Compact mechanism for greater wiring space Supplied with 2 screws M3,5 for BS boxes All sockets integrate child protection Supplied as complete product with the protection film Protected against overloads ASTA licence Remote control via the Home + Control App. Compatible with any electrical appliance or large household appliance Connected socket outlets allow to: - remotely control electrical appliances - measure instantaneous power - monitor daily and monthly consumption - send configurable notifications in case of abnormal use (overconsumption, etc.) Can be installed in place of an existing socket outlet in a flush-mounting box min. depth 35 mm Indicator function can be activated from the Home + Control App. Socket outlets can be controlled by one or more connected wireless switches Zigbee Certified Product
		2P+E switched - 1-gang Dim.: 86 x 86 mm
1	2 815 20DS	● Dark Silver
1	2 815 20MB	● Matt Black
1	2 815 20MW	○ Matt White
		2 x 2P+E switched - 2-gang Dim.: 146 x 86 mm
1	2 815 19DS	 ● Dark Silver
1	2 815 19MB	● Matt Black
1	2 815 19MW	○ Matt White

Mallia™ Senses with Netatmo

mobile socket outlets

Step 2: Connected products

Home + Control

0 648 89

Used to complete your connected installation, require prior installation of a gateway pack for connected installation
Conform to IEC 60884-2-5 and IEC 60669-2-5

Pack	Cat.Nos	Connected mobile socket outlets
		To be plugged directly into an existing socket outlet For control of lights, electrical appliances and large household appliances Can be controlled by one or several wireless light switches - ON/OFF indicator LED function Connected mobile socket outlets allow to - remotely control electrical appliances - measure instantaneous power - monitor daily and monthly consumption - send notifications in case of abnormal use (overconsumption, etc.) Indicator LED function can be activated from the Home + Control App. Zigbee Certified Product
1	0 648 89	13 A British standard connected mobile socket outlet - 3000 W ● Magnesium
1	5 742 54	16 A German standard connected mobile socket outlet - 3680 W ● Magnesium

Red catalogue numbers: New products

Mallia™ Senses with Netatmo

connected curtain/roller blind switches, module for garage door and gate

Step 2: Connected products

Home + Control

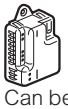
2 815 10MB

0 676 97

0 676 96

Used to complete your connected installation, require prior installation of a gateway pack for connected installation
Conform to IEC 60669-2-5

Pack	Cat.Nos	Connected curtain/roller blind switches
		For local and remote control of a 230 V~ curtain/roller blind (raise/lower/stop functions and level management) Compatible with roller blinds with mechanical or electronic stop, not compatible with radio-controlled roller blinds Can be paired with one or more connected curtain/roller blind wireless switches Locator function can be activated from the Home + Control App. Can be installed in place of an existing roller blind switch in a flush-mounting box 25 mm depth Compact mechanism for greater wiring space Supplied with 2 screws M3,5 for BS boxes Supplied as complete product with the protection film Dim.: 86 x 86 mm Zigbee Certified Products
		Curtain/roller blind switch with neutral - 1-gang, 500 VA
1	2 815 11DS	● Dark Silver
1	2 815 11MB	● Matt Black
1	2 815 11MW	○ Matt White
		Curtain/roller blind switch with neutral - 2-gang, 2 x 500 VA
1	2 815 10DS	● Dark Silver
1	2 815 10MB	● Matt Black
1	2 815 10MW	○ Matt White

Pack	Cat.Nos	Connected curtain/roller blind micromodule 500 VA, IP 44
1	0 676 97	For local and remote control of a 230 V~ roller blind (raise/lower/stop functions and level management) Compatible with roller blinds with mechanical or electronic stop, not compatible with radio-controlled roller blinds Can be paired with one or more roller blind wireless switches To be installed in the ceiling box or roller blind box to connect a new or existing roller blind Zigbee Certified Product
1	0 676 96	**Connected module for garage door and gate (dry contact)**  Enables open/close control of a garage door or gate, locally, remotely or via voice assistant Status display (open/closed/level) in the Home + Control App. Can be controlled using a curtain/roller blind wireless control or a wireless scene control (e.g. Cat.No 0 676 95 p. 711) Supplied with 2 wired position sensors Can be installed in an IP55 Plexo box 80 x 80 mm or larger Fitted with 2 removable fixing points Compatible with any garage door and gate engine equipped with a dry contact Can be installed in parallel of an existing mechanical push-button Zigbee Certified Product

Mallia™ Senses with Netatmo

wireless light switches

Step 2: Connected products

Home + Control

2 815 12MW

2 815 14DS

Used to create your connected installation, require prior installation of a gateway pack for connected installation
Conform to IEC 60669-2-5

Pack	Cat.Nos
	Wireless light switches
	Used to add an extra lighting control Easy pairing by tapping the connected wired product or by using the Home + Control App. Supplied with CR2032 3 V long-life battery for power supply Supplied with 2 removable stickers for fixing the control unit on any substrate LED function for low battery indication Supplied as complete product with the protection film Dim.: 86 x 86 mm Zigbee Certified Product
	1-gang Controls up to 20 wired products: switches with or without dimmer option, micromodules, socket outlets
1	2 815 12DS ● Dark Silver
1	2 815 12MB ● Matt Black
1	2 815 12MW ○ Matt White
	2-gang Controls up to 2 x 20 wired products: switches with or without dimmer option, micromodules, socket outlets
1	2 815 13DS ● Dark Silver
1	2 815 13MB ● Matt Black
1	2 815 13MW ○ Matt White
	3-gang Controls up to 3 x 20 wired products: switches with or without dimmer option, micromodules, socket outlets
1	2 815 14DS ● Dark Silver
1	2 815 14MB ● Matt Black
1	2 815 14MW ○ Matt White

Mallia™ Senses with Netatmo

wireless lighting, curtain/roller blind controls

Step 2: Connected products

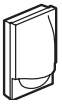
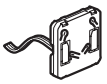
Home + Control

0 648 75

0 676 94

2 815 18MW

Used to create your connected installation, require prior installation of a gateway pack for connected installation
Conform to IEC 60669-2-5

Pack	Cat.Nos
	Wireless motion sensor IP 44
1	0 648 75
	 Allows to control up to 20 wired switches, micromodules and socket outlets Easy pairing by tapping the connected wired products or by using the Home + Control App. Supplied with 2 x AA batteries For indoor and outdoor use Recommended distance between 2 sensors: 6 m Recommended installation height: 2.5 m Time delay adjustable from 15 s to 15 min Range: 8 m Detection angle: 140° Sensor range adjustable from 2 m to 8 m With ON/OFF test buttons Light level threshold adjustable from 1 to 1000 lux Zigbee Certified Product
	Wireless switch ON/OFF module
1	0 676 94
	 Allows to transform a mechanical 2-way switch or push-button into a wireless ON/OFF switch Small size for easy integration into the wall box To be paired with one connected switch, micromodule, socket outlet Supplied with CR2032 3V long-life battery for power supply Zigbee Certified Product
	Wireless curtain/roller blind switches
	Used for remote control or centralization of up to 20 connected wired curtain/roller blind switches Pair by tapping the selected roller blind switch(es) or by using the Home + Control App. Supplied with CR2032 3 V long-life battery for power supply LED function for low battery indication Supplied with 2 removable stickers for fixing the control unit on any substrate Supplied as complete product with the protection film Dim.: 86 x 86 mm Zigbee Certified Product
	1-gang
1	2 815 18DS ● Dark Silver
1	2 815 18MB ● Matt Black
1	2 815 18MW ○ Matt White

Red catalogue numbers: New products

Mallia™ Senses with Netatmo

wireless scene switches

Step 2: Connected products

Home + Control

2 815 16DS

2 815 17MB

2 815 15MW

0 676 95

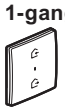
Used to create your connected installation, require prior installation of a gateway pack for connected installation
Conform to IEC 60669-2-5

Pack	Cat.Nos
1	2 815 16DS
1	2 815 16MB
1	2 815 16MW

Wireless Home/Away master switches

Used to add an extra Home/Away wireless master switch
Work in the same way as the Home/Away wireless master switch included in the gateway pack
Home/Away life scenes can be customised in the Home + Control App.
Supplied with CR2032 3 V long-life battery for power supply
LED function for low battery indication
Supplied with 2 removable stickers for fixing the control unit on any substrate
Supplied as complete product with the protection film
Dim.: 86 x 86 mm
Zigbee Certified Product

1-gang



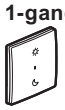
- Dark Silver
- Matt Black
- Matt White

Pack	Cat.Nos
1	2 815 17DS
1	2 815 17MB
1	2 815 17MW

Wireless Wake up/Sleep switches

Used to add 2 extra scenes to a connected installation
Preset Wake up/Sleep life scenes which can be customised in the Home + Control App.
Supplied with CR2032 3 V long-life battery for power supply
LED function for low battery indication
Supplied with 2 removable stickers for fixing the control unit on any substrate
Supplied as complete product with the protection film
Dim.: 86 x 86 mm
Zigbee Certified Product

1-gang



- Dark Silver
- Matt Black
- Matt White

Pack	Cat.Nos
1	2 815 15DS
1	2 815 15MB
1	2 815 15MW
1	0 676 95

Wireless 4 scenes switches

Used to add 4 customised scenes to a connected installation
Scenes can be customised in the Home + Control App.
Possibility to assign personalized names and to associate icons to the scenes in the Home + Control App.
Supplied with CR2032 3 V long-life battery for power supply
Zigbee Certified Product

2-gang

LED function for low battery indication
Supplied with 2 removable stickers for fixing the control unit on any substrate
Supplied as complet product with the protection film
Dim.: 86 x 86 mm

- Dark Silver
- Matt Black
- Matt White

Pocket remote control

Can be attached to a keyring

- Magnesium

Pack	Cat.Nos
1	0 648 71

Accessory

Pack of 3 x 4 extra removable stickers for fixing a wireless control

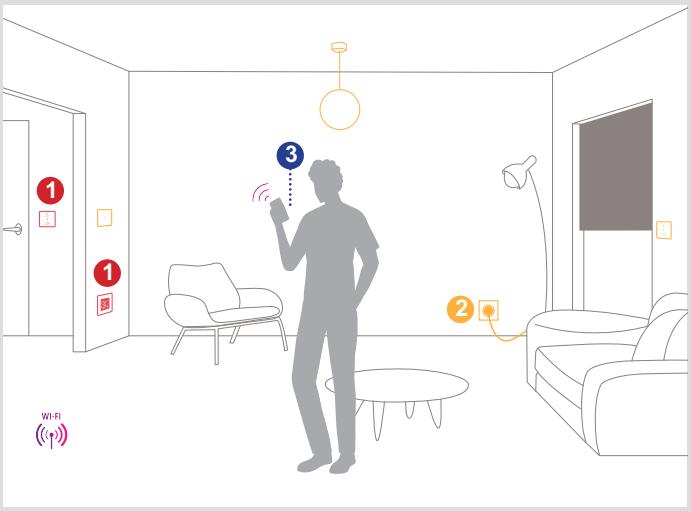
Smarther AC
p. 867

Red catalogue numbers: New products

Mallia™ Senses with Netatmo

installation principle

Principle of a connected installation



1 Step 1 : Starter pack

Zigbee/Wi-Fi gateway

Home/Away wireless master switch

2 Step 2 : Connected wired products and connected wireless products

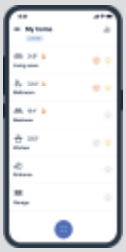
Connected light switches

Connected British standard socket outlets

Wire your selected connected wired products.

Associate your connected wireless products.

3 Step 3 : Control your connected home



Pilot your home with your smartphone via Legrand's Home + Control App.

The App. is available from Google Play and App Store

Tell your home what you want with your voice assistant.

Mallia™ Senses with Netatmo

connected light switches for system integrator

2 815 03MW

2 815 07DS

Conform to IEC 60669-2-5
These connected light switches can be associated only to a Zigbee 3.0 third party gateway to create their own connected home

Pack	Cat.Nos	Connected light switches without neutral, 600 W, for system integrators
		Compact mechanism for greater wiring space Supplied with 2 screws M3,5 for BS boxes Supplied as complete product with the protection film Dim.: 86x86 mm Can't be associated or activated from the Legrand Home + Control App. For local or remote control of lighting Can be controlled by mechanical push-buttons without lamps For all types of lamps (compatible with dimmable lamps): - LEDs and CFL lamps with integrated electronic ballast: 15 VA to 300 VA - Incandescent and halogen lamps: 15 W to 600 W - ELV halogen, CFL lamps with separate ferromagnetic ballast: 15 VA to 300 VA - ELV halogen, CFL lamps with separate electronic ballast: 15 VA to 300 VA Supplied with a bleeder Can be installed in place of an existing switch in a flush-mounting box depth 25 mm Zigbee Certified Product
		1-gang
1	2 815 03DS	Dark Silver
1	2 815 03MB	Matt Black
1	2 815 03MW	Matt White
		2-gang
1	2 815 05DS	Dark Silver
1	2 815 05MB	Matt Black
1	2 815 05MW	Matt White
		3-gang
1	2 815 07DS	Dark Silver
1	2 815 07MB	Matt Black
1	2 815 07MW	Matt White

Red catalogue numbers: New products

ART D'ARNOULD™

French Fine Art

Art d'Arnould's Épure style comprises crisp lines for clean spaces with a sleek design and elegantly simple levers.

Embodying the essence of composition

Resolutely contemporary, the Épure style can play with colour for added contrast or, conversely, blend into its surroundings.

In the most minimalist spaces, Épure provides an architectural finishing touch to underscore a perfectly balanced interior.

Its finishes ideally complement a pure white decor.

Art d'Arnould | COLLECTION

switches, push-buttons, dimmer and socket outlets - Epure

AR-68101

AR-68203

AR-68305

AR-68404

AR-68122

Conform to IEC 60669-1
Dimensions: 86 x 86 mm
Supplied with 2 screws M 3.5 for BS boxes. Supplied complete with plate

Single pole switches - 10 AX - 250 V~

Pack	Cat.Nos	
		1-gang 2-way switch
1	AR-68101	● Brushed steel
1	AR-68201	● Brushed gold
1	AR-68301	○ Satin white
1	AR-68401	● Matt black
		1-gang intermediate switch
1	AR-68106	● Brushed steel
1	AR-68206	● Brushed gold
1	AR-68306	○ Satin white
1	AR-68406	● Matt black
		2-gang 2-way switch
1	AR-68102	● Brushed steel
1	AR-68202	● Brushed gold
1	AR-68302	○ Satin white
1	AR-68402	● Matt black
		3-gang 2-way switch
1	AR-68103	● Brushed steel
1	AR-68203	● Brushed gold
1	AR-68303	○ Satin white
1	AR-68403	● Matt black

Single pole switches - 20 AX - 250 V~

Pack	Cat.Nos	
		1-gang 2-way switch
1	AR-68107	● Brushed steel
1	AR-68207	● Brushed gold
1	AR-68307	○ Satin white
1	AR-68407	● Matt black
		2-gang 2-way switch
1	AR-68108	● Brushed steel
1	AR-68208	● Brushed gold
1	AR-68308	○ Satin white
1	AR-68408	● Matt black
		3-gang 2-way switch
1	AR-68109	● Brushed steel
1	AR-68209	● Brushed gold
1	AR-68309	○ Satin white
1	AR-68409	● Matt black

Double pole switch - 45 A - 250 V~

Pack	Cat.Nos	
		1-gang 2-way switch
		Illuminated double pole two-way switch
		Supplied with 230 V LED indicator
1	AR-68105	● Brushed steel
1	AR-68205	● Brushed gold
1	AR-68305	○ Satin white
1	AR-68405	● Matt black

Push-buttons - 10 A - 250 V~

Pack	Cat.Nos	
		1-gang
1	AR-68110	● Brushed steel
1	AR-68210	● Brushed gold
1	AR-68310	○ Satin white
1	AR-68410	● Matt black
		2-gang
1	AR-68111	● Brushed steel
1	AR-68211	● Brushed gold
1	AR-68311	○ Satin white
1	AR-68411	● Matt black

Rotary dimmer without neutral - 2-wire

Pack	Cat.Nos	
		Push ON/OFF rotary universal dimmer
		5 W / 300 W - 100-240 V~ - 50/60 Hz
		For flush-mounting in backbox depth 40 mm min.
		Equipped with overvoltage and short-circuit protection
		Screw terminals
		For all types of lamps:
		- dimmable LEDs and CFL lamps: 5 to 75 W LED
		- halogen with ferromagnetic or electronic transformer: 5 to 300 VA
		- fluorescent tube - ballast: 5 to 300 VA
		- halogen and incandescent 230 V: 5 to 300 W
		When switched on, gradually (2 seconds) lights up at the level set before last switch-off
1	AR-68104	● Brushed steel
1	AR-68204	● Brushed gold
1	AR-68304	○ Satin white
1	AR-68404	● Matt black

British Standard socket outlets 13 A - 250 V~

Conform to BS 1363-2

Pack	Cat.Nos	
		1-gang single pole switched
1	AR-68124	● Brushed steel
1	AR-68224	● Brushed gold
1	AR-68324	○ Satin white
1	AR-68424	● Matt black
		1-gang double pole switched
1	AR-68122	● Brushed steel
1	AR-68222	● Brushed gold
1	AR-68322	○ Satin white
1	AR-68422	● Matt black
		1-gang double pole switched with blue LED indicator
1	AR-68129	● Brushed steel
1	AR-68229	● Brushed gold
1	AR-68329	○ Satin white
1	AR-68429	● Matt black
		2-gang single pole switched
1	AR-68123	● Brushed steel
1	AR-68223	● Brushed gold
1	AR-68323	○ Satin white
1	AR-68423	● Matt black
		2-gang double pole switched
1	AR-68121	● Brushed steel
1	AR-68221	● Brushed gold
1	AR-68321	○ Satin white
1	AR-68421	● Matt black
		2-gang double pole switched with blue LED indicators
1	AR-68130	● Brushed steel
1	AR-68230	● Brushed gold
1	AR-68330	○ Satin white
1	AR-68430	● Matt black

British Standard socket outlet 5 A - 250 V~

Conform to BS 1363-2

Pack	Cat.Nos	
		1-gang - single pole switched
1	AR-68125	● Brushed steel
1	AR-68225	● Brushed gold
1	AR-68325	○ Satin white
1	AR-68425	● Matt black

Red catalogue numbers: New products

Art d'Arnould | COLLECTION

socket outlets with USB charger, fused connection units, TV, telephone and data sockets and reading light - Epure

AR-68127

AR-68226

AR-68428

AR-68381

Dimensions: 86 x 86 mm (1-gang) / 86 x 146 mm (2-gang)
Supplied with 2 screws M 3.5 for BS boxes. Supplied complete with plate

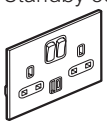
British Standard socket outlets 13 A - 250 V~ with USB charger

Conform to BS 1363-2
USB charger conform to IEC 60 950-1
Consumption in passive mode: < 0.08 W

1-gang single pole switched
USB Type-A 2.4 A charger - 5 V - 12 W
Standby consumption < 0.08 W

Pack	Cat.Nos	
1	AR-68127	Brushed steel
1	AR-68227	Brushed gold
1	AR-68327	Satin white
1	AR-68427	Matt black

2-gang single pole switched
USB Type-A + Type-C charger - 3 A - 5 V - 15 W
Standby consumption < 0.08 W



Pack	Cat.Nos	
1	AR-68126	Brushed steel
1	AR-68226	Brushed gold
1	AR-68326	Satin white
1	AR-68426	Matt black

Cooker control unit

13 A BS switched socket outlet with indicator and 45 A master switch

Pack	Cat.Nos	
1	AR-68153	Brushed steel
1	AR-68253	Brushed gold
1	AR-68353	Satin white
1	AR-68453	Matt black

Fused connection units - 13 A

With double pole switch and blue LED indicator

Pack	Cat.Nos	
1	AR-68151	Brushed steel
1	AR-68251	Brushed gold
1	AR-68351	Satin white
1	AR-68451	Matt black

With cable outlet and double pole switch with blue LED indicator

Pack	Cat.Nos	
1	AR-68152	Brushed steel
1	AR-68252	Brushed gold
1	AR-68352	Satin white
1	AR-68452	Matt black

USB Type-A charger

Double USB sockets 2 x Type-A - 5 V⎓ - 3 A - 15 W

Pack	Cat.Nos	
1	AR-68128	Brushed steel
1	AR-68228	Brushed gold
1	AR-68328	Satin white
1	AR-68428	Matt black

TV sockets

Single male TV socket

Pack	Cat.Nos	
1	AR-68143	Brushed steel
1	AR-68243	Brushed gold
1	AR-68343	Satin white
1	AR-68443	Matt black

Single TV socket, "F" type

Pack	Cat.Nos	
1	AR-68144	Brushed steel
1	AR-68244	Brushed gold
1	AR-68344	Satin white
1	AR-68444	Matt black

TV-R-SAT socket - DAB+

Pack	Cat.Nos	
1	AR-68145	Brushed steel
1	AR-68245	Brushed gold
1	AR-68345	Satin white
1	AR-68445	Matt black

Telephone sockets

BS master telephone socket

Pack	Cat.Nos	
1	AR-68146	Brushed steel
1	AR-68246	Brushed gold
1	AR-68346	Satin white
1	AR-68446	Matt black

BS secondary telephone socket

Pack	Cat.Nos	
1	AR-68147	Brushed steel
1	AR-68247	Brushed gold
1	AR-68347	Satin white
1	AR-68447	Matt black

RJ 45 sockets

RJ 45 cat. 6 UTP

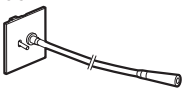
Pack	Cat.Nos	
1	AR-68141	Brushed steel
1	AR-68241	Brushed gold
1	AR-68341	Satin white
1	AR-68441	Matt black

Double RJ 45 cat. 6 UTP

Pack	Cat.Nos	
1	AR-68142	Brushed steel
1	AR-68242	Brushed gold
1	AR-68342	Satin white
1	AR-68442	Matt black

Reading light

1 W LED reading light equipped with a flexible cable (length 300 mm) so the head can swivel and a 10 A two-way switch for control
Warm white (3000 K). For installation in the bedhead
Provides directional lighting
For installation in 1-gang flush-mounting box, depth 50 mm



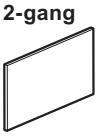
Pack	Cat.Nos	
1	AR-68181	Brushed steel
1	AR-68281	Brushed gold
1	AR-68381	Satin white
1	AR-68481	Matt black

Blanking plates

1-gang

Pack	Cat.Nos	
1	AR-68161	Brushed steel
1	AR-68261	Brushed gold
1	AR-68361	Satin white
1	AR-68461	Matt black

2-gang



Pack	Cat.Nos	
1	AR-68162	Brushed steel
1	AR-68262	Brushed gold
1	AR-68362	Satin white
1	AR-68462	Matt black

Red catalogue numbers: New products

Synergy™

single pole switches, single pole push and key switches - white

7 300 00

7 300 06

Front plates: white thermoset. Terminal screws captive and backed off ready for cabling - large angled terminal entries
Compact mechanism for maximised wiring space. Supplied with faceplate screw caps

Pack	Cat.Nos	Single pole plate switches 10 AX - 250 V~
		Conform to BS EN 60669-1 For flush-mounting, back box can be min. 16 mm deep ASTA licence Optional red LED "power on" indicator and green LED "locator" upgrade packs available
		Nominal plate dimensions: 86 x 86 mm
10	7 300 00	1-gang 1-way
10	7 300 01	1-gang 2-way
10	7 300 05	1-gang intermediate
10	7 300 24	2-gang 1-way
10	7 300 02	2-gang 2-way
10	7 301 24	3-gang 1-way
10	7 300 03	3-gang 2-way
		Nominal plate dimensions: 86 x 146 mm
5	7 300 04	4-gang 2-way
5	7 300 06	6-gang 2-way

Pack	Cat.Nos	Single pole plate switches 20 AX - 250 V~
		Conform to BS EN 60669-1 For flush-mounting, back box to be min. 16 mm deep Nominal plate dimensions: 86 x 86 mm Optional red LED "power on" indicator and green LED "locator" upgrade packs available
10	7 301 30	1-gang 1-way
10	7 301 31	1-gang 2-way
10	7 301 34	2-gang 1-way
10	7 301 32	2-gang 2-way
10	7 301 35	3-gang 1-way
10	7 301 33	3-gang 2-way

Pack	Cat.Nos	Single pole push switches 10 A - 250 V~
		Conform to BS EN 60669-1 For flush-mounting, back box to be min. 16 mm deep ASTA licence Nominal plate dimensions: 86 x 86 mm
5	7 300 07	1-gang 2-way push switch
5	7 300 11	1-gang 2-way push switch marked "PRESS"
5	7 301 07	1-gang 2-way push switch with bell symbol

Pack	Cat.Nos	Single pole key switch 10 AX - 250 V~
		Conform to BS EN 60669-1: 2000 Key supplied. For flush-mounting, back box to be min. 16 mm deep. Nominal plate dimensions: 86 x 86 mm
10	7 300 08	1-gang 2-way

Pack	Cat.Nos	3 pole fan switch 10 A - 250 V~
		Conform to BS EN 60669-1: 2000 With integrated padlockable safety block in OFF position. Flush-mounting back box: min 25 mm deep Nominal plate dimensions: 86 x 86 mm
10	7 300 09	3 pole fan switch

Surface mounting boxes,
p. 721

Green locator LED pack or red power indicator pack
p. 721

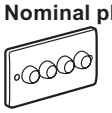
Synergy™

dimmers

7 311 51

7 301 56

Front plates: white thermoset
Terminal screws captive and backed off ready for cabling - large angled terminal entries
Compact mechanism for maximised wiring space
Supplied with faceplate screw caps

Pack	Cat.Nos	
		Push ON/OFF rotary universal dimmer 5 W/300 W 100 - 240 V∿ - 50/60 Hz
		Conform to IEC 60669-2-1 For flush-mounting back box to be min. 40 mm deep Equipped with overvoltage and short-circuit protection Screw terminals. For all types of lamps: - dimmable LEDs and CFL lamps: 5 to 75 W LED - halogen with ferromagnetic or electronic transformer: 5 to 300 VA - fluorescent tube - ballast: 5 to 300 VA - halogen and incandescent 230 V: 5 to 300 W When switched on, gradually (2 seconds) lights up at the level set before last switch-off Nominal plate dimensions: 86 x 86 mm
1	7 311 51	1-gang Can be associated with an active power bleeder (p. 727)
		Push ON/OFF rotary dimmers 400 W 100 - 240 V∿ - 50/60 Hz
		Conform to BS EN 60669-1 For flush-mounting, back box to be min. 25 mm deep
		Nominal plate dimensions: 86 x 86 mm
1	7 301 56	1-gang 2-way
1	7 301 57	2-gang 2-way
		Nominal plate dimensions: 86 x 146 mm
1	7 300 49	 4-gang 2-way
		Push ON/OFF rotary dimmer 1000 W 100 - 240 V/50-60 Hz
		Conform to BS EN 60669-1 - For flush-mounting back box to be min. 40 mm deep - 60-1000 W (230 V) - 60-500 W(127 V) for incandescent and halogen lamps 60-600 VA (230 V) - 60-300 VA (127 V) for halogen lamps with electronic transformers 60-100 VA (230 V) - 60-500 VA (127 V) for halogen lamps with ferromagnetic transformers Nominal plate dimensions: 86 x 86 mm
1	7 301 50	1-gang 2-way

Synergy™

double pole switches - white

7 301 10

7 300 22

Front plates: white thermoset
Terminal screws captive and backed off ready for cabling - large angled terminal entries
Compact mechanism for maximised wiring space
Supplied with faceplate screw caps

Pack	Cat.Nos	
		Double pole switches 20 A - 250 V∿
		Conform to BS EN 60669-1 For flush-mounting, back box to be min. 25 mm deep Use cord outlet accessory box Cat.No 7 300 53 ASTA licence Nominal plate dimensions: 86 x 86 mm
10	7 300 10	DP switch
10	7 300 12	DP switch + red LED power indicator LED invisible until activated
10	7 301 10	DP switch marked "WATER HEATER"
10	7 301 12	DP switch marked "WATER HEATER" + red LED power indicator LED invisible until activated
		Double pole switches 45 A - 250 V∿
		Conform to BS EN 60669-1 ASTA licence For flush-mounting, back box to be min. 45 mm deep
		Nominal plate dimensions: 86 x 86 mm
10	7 300 22	DP switch
10	7 300 23	DP switch + red LED power indicator LED invisible until activated
10	7 301 22	DP switch red rocker marked "COOKER"
		Nominal plate dimensions: 146 x 86 mm
5	7 300 20	DP switch
5	7 300 21	DP switch + red LED power indicator LED invisible until activated
5	7 301 20	DP switch red rocker marked "COOKER"

Synergy™

telephone, data and TV sockets - white

7 300 50

7 300 57

7 300 43

Front plates: white thermoset
Terminal screws captive and backed off ready for cabling - large angled terminal entries
Compact mechanism for maximised wiring space
Supplied with faceplate screw caps

Pack	Cat.Nos	Euro module front plates
		Suitable for use with standard 25 x 50 mm Euro data module inserts
10	7 300 99	1-gang - 86 x 86 mm 2 modules - aperture size 50 x 50 mm
10	7 301 00	2-gang - 86 x 146 mm 4 modules - aperture size 50 x 100 mm
		Telephone sockets
		For flush-mounting, back box to be min. 35 mm deep Nominal plate dimensions: 86 x 86 mm
10	7 300 50	UK master
10	7 300 51	UK secondary
10	7 300 54	RJ 11/RJ 12 - single
		Data sockets
		Rapid cable connection For flush-mounting, back box to be min. 35 mm deep Nominal plate dimensions: 86 x 86 mm
1	7 300 56	RJ 45 cat. 6 UTP - single
1	7 300 57	RJ 45 cat. 6 UTP - twin
		TV sockets
		For DVBT, Cablecast and satellite installation UHD TV compatible Class A shielded star sockets LTE Ready (4G protected) Recommended coaxial cable: 17 VATC Star cabling (1 socket = 1 cable to antenna, splitter or multiswitch) Visual checking of the connection Meet EN 50083-4 and EN 50083-2 European directive TV: male connector (Ø9.5 mm) R: female connector (Ø9.5 mm) SAT: "F type" connector TV: 5-68 / 120-862 MHz R: 87.5-108 MHz SAT: 950-2400 MHz 2 modules For technical characteristics, see e-catalogue
		Multi TV star sockets
1	7 300 43	TV-R-SAT Low attenuation: < 1.5 dB
		Single TV star sockets
10	7 300 40	TV 9.5 mm male
1	7 300 41	TV "F" type

Synergy™

British standard socket outlets - white

7 300 65

7 300 79A

Front plates: white thermoset
Terminal screws captive and backed off ready for cabling - large angled terminal entries
Compact mechanism for maximised wiring space
Supplied with faceplate screw caps

Pack	Cat.Nos	Socket outlets 13 A - 250 V~
		Conform to BS 1363: Part. 2 For flush-mounting, back box to be min. 25 mm deep With safety shutter mechanism ASTA licence
		Options available as standard with red "power on" LED indicator Red LED "power on" upgrade pack also available
		Unswitched
10	7 300 65	1-gang Nominal plate dimensions: 86 x 86 mm
5	7 300 75	2-gang Nominal plate dimensions: 86 x 146 mm
		Single pole - switched
10	7 300 66	1-gang Nominal plate dimensions: 86 x 86 mm
5	7 300 76	2-gang Nominal plate dimensions: 86 x 146 mm
		Single pole socket outlets 13 A - 250 V~ with USB charger
		Conform to BS 1363-2 USB charger conform to IEC 60950-1
1	7 300 78A	**1-gang - switched - USB Type-A - 3 A - 5 V⎓ - 15 W** Consumption in passive mode < 0.07 W
1	7 300 73A	**1-gang - switched - USB Type-C - 18 W** Fast charge feature: Power Delivery Consumption in passive mode < 0.07 W
1	7 300 79	**2-gang - switched - USB Type-A + Type-C - 3 A - 5 V⎓ - 15 W** Consumption in passive mode < 0.08 W
		Socket outlets 13 A - 250 V~ Special earth pin
		With safety shutter mechanism For flush-mounting, back box to be min. 35 mm deep
		Double pole - switched
10	7 300 67	1-gang Nominal plate dimensions: 86 x 86 mm
5	7 300 77	2-gang Nominal plate dimensions: 86 x 146 mm

Red catalogue numbers: New products

Synergy™

British standard socket outlets - white (continued)

7 300 60

7 300 70

7 300 74

7 300 89

7 300 69

Front plates: white thermoset
Terminal screws captive and backed off ready for cabling - large angled terminal entries
Compact mechanism for maximised wiring space
Supplied with faceplate screw caps

Double pole socket outlets 13 A - 250 V~

Conform to BS 1363: Part. 2
With safety shutter mechanism
For flush-mounting, back box can be min. 25 mm deep
ASTA licence

Options available as standard with red "power on" LED indicator
Red LED "power on" upgrade pack also available

Switched

Pack	Cat.Nos	
10	7 300 60	1-gang Nominal plate dimensions: 86 x 86 mm
5	7 300 70	2-gang Nominal plate dimensions: 86 x 146 mm

Switched with red LED power indicator
LED invisible until activated

Pack	Cat.Nos	
10	7 300 61	1-gang Nominal plate dimensions: 86 x 86 mm
5	7 300 71	2-gang Nominal plate dimensions: 86 x 146 mm

Switched for standard and clean earth applications

Pack	Cat.Nos	
10	7 300 64	1-gang Nominal plate dimensions: 86 x 86 mm
5	7 300 74	2-gang Nominal plate dimensions: 86 x 146 mm

Switched with red rocker

Pack	Cat.Nos	
10	7 301 62	1-gang Nominal plate dimensions: 86 x 86 mm
5	7 301 61	2-gang Nominal plate dimensions: 86 x 146 mm

Socket outlets 15 A - 250 V~

Conform to BS 546
Patented 3 pin safety shutter mechanism
For flush-mounting, back box to be min. 35 mm deep
Nominal plate dimensions: 86 x 86 mm

Pack	Cat.Nos	
10	7 300 88	1-gang - unswitched
10	7 300 89	1-gang - switched, single pole

Socket outlets 15 A - 127 V~

Standard terminal screws
For flush-mounting, back box to be min. 35 mm deep

Pack	Cat.Nos	
5	7 300 85	1-gang - unswitched Nominal plate dimensions: 86 x 86 mm
5	7 300 86	2-gang - unswitched Nominal plate dimensions: 86 x 146 mm

Socket outlets 5 A - 250 V~

Conform to BS 546
Patented 3 pin safety shutter mechanism
For flush-mounting, back box to be min. 25 mm deep
Nominal plate dimensions: 86 x 86 mm

Pack	Cat.Nos	
10	7 300 68	1-gang - unswitched
10	7 300 69	1-gang - switched, single pole

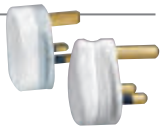
Socket outlet 2 A - 250 V~

Conform to BS 546
For flush-mounting, back box to be min. 25 mm deep
Nominal plate dimensions: 86 x 86 mm

Pack	Cat.Nos	
10	7 300 59	1-gang - unswitched

British standard multi-outlet extensions **p. 826**

BS plugs **p. 825**



Synergy™

Euro-US socket outlets and shaver socket - white

7 300 84

7 300 83

Front plates: white thermoset
Terminal screws captive and backed off ready for cabling - large angled terminal entries
Compact mechanism for maximised wiring space
Supplied with faceplate screw caps

Pack	Cat.Nos	
		Socket outlet combined UK / Euro - US standards
10	7 300 84	For flush-mounting, back box to be min. 25 mm deep Nominal plate dimensions: 86 x 86 mm 1-gang - unswitched UK - 13 A / EURO-US - 16 A - 250 V~
		Euro - US standard socket outlets 16 A - 250 V~
		For flush-mounting, back box to be min. 25 mm deep Nominal plate dimensions: 86 x 86 mm
10	7 300 80	1-gang - unswitched
10	7 300 81	2-gang - unswitched
10	7 300 82	1-gang - switched
10	7 300 83	1-gang - unswitched + 10 AX 1-way switch
		Shaver socket
1	7 300 90	Conform to BS EN 61558-2-5 Suitable for use with European, British and Australian 2 pin plugs Rating: 20 VA IP 24 Screwless live and neutral terminals For flush-mounting, back box to be min. 45 mm deep Nominal plate dimensions: 146 x 86 mm 230 V - 120 V~ - 50/60 Hz

Synergy™ - cooker control units, fused connection units and cable outlets - white

7 300 29

7 300 26

Front plates: white thermoset
Terminal screws captive and backed off ready for cabling - large angled terminal entries
Compact mechanism for maximised wiring space
Supplied with faceplate screw caps

Pack	Cat.Nos	
		Cooker control units 250 V~
		Conform to BS 4177 For flush-mounting, back box to be min. 45 mm deep Nominal plate dimensions: 86 x 146 mm
5	7 300 28	45 A DP switch + 13 A DP switched socket outlet
5	7 300 29	45 A DP switch + 13 A DP switched socket outlet + red LED power indicator LED invisible until activated
		Fused connection units 13 A - 250 V~
		Conform to BS 1363: Part 4 Fused 13 A (fuse supplied) Front cable outlet with cord grip Locked captive fuse carrier (padlockable) For flush-mounting, back box to be min. 25 mm deep Nominal plate dimensions: 86 x 86 mm
		Unswitched
10	7 300 32	With cord outlet
10	7 300 33	With red LED power indicator LED invisible until activated
		Double pole switched
10	7 300 36	With cord outlet
10	7 300 37	With red LED power indicator and cord outlet LED invisible until activated
		Cable outlets
		Conform to BS 5733 Fitted with cable clamp and outlet membrane Nominal plate dimensions: 86 x 86 mm
		20 A - 250 V~ For flush-mounting, back box to be min. 35 mm deep
10	7 300 19	With terminal block
		45 A - 250 V~ For flush-mounting, back box to be min. 45 mm deep
5	7 300 26	With terminal block

Synergy™

blanking plates, accessories and surface mounting boxes - white

7 300 96

7 301 58

7 364 06

7 364 11

Pack	Cat.Nos	Blanking plates
10	7 300 95	1-gang Nominal plate dimensions: 86 x 86 mm
10	7 300 96	2-gang Nominal plate dimensions: 86 x 146 mm

		Accessories
		Electronic LED All relevant Synergy white functions are designed to accept the LED packs for fitting at time of installation or retrospectively by a qualified person Can be used with fluorescent light
10	7 301 58	Electronic LED locator pack green diodes: max. current 0.2 mA provides illumination for function (e.g. switch) location in low light
10	7 300 58	Electronic LED power indicator pack red diodes: nominal current 2 mA provides indication of "power on" condition in such functions as sockets and control switches
		Cord outlet
10	7 300 53	1-gang box Nominal plate dimensions: 86 x 86 mm

		Fixing accessories
		Splash-proof cover Mainly for socket protection IP 55 with or without plug engaged Space inside : 86 x 86 mm External dimensions : 129,2 x 107,2 x 54,1 mm
4	6 176 36	● Mist grey

Pack	Cat.Nos	Surface-mounting moulded boxes
10	7 364 03	1-gang - 16 mm deep 86 x 86 mm
10	7 364 06	1-gang - 35 mm deep 86 x 86 mm
10	7 364 07	1-gang - 50 mm deep and cable grip 86 x 86 mm
5	7 364 10	2-gang - 35 mm deep 86 x 146 mm
5	7 364 11	2-gang, 50 mm deep and cable grip 86 x 146 mm
5	7 364 13	2 x 1-gang, 35 mm deep 86 x 172 mm

Red catalogue numbers: New products

Synergy™

single pole switches and dimmers - Authentic

8 330 00

8 332 02

8 334 03

8 331 51

8 333 57

Slim front plate:
BSS: Plates made of austenitic Stainless Steel - non-magnetic - grade 304 L
PSS: Plates made of Stainless Steel + rust resistance
GG: Plates made of Stainless Steel + rust resistance
Terminal screws captive and backed off ready for cabling - large angled terminal entries. Compact mechanism for maximum wiring space

Pack	Cat.Nos	Single pole plate switches 10 AX - 250 V~
		Conform to BS EN 60669-1 For flush-mounting, back box to be min. 16 mm deep
		1-gang 1-way switch Nominal plate dimensions: 86 x 86 mm
1	8 330 00	Brushed stainless steel
1	8 332 00	Polished stainless steel
1	8 334 00	Glossy gold
		1-gang 2-way switch Nominal plate dimensions: 86 x 86 mm
1	8 330 01	Brushed stainless steel
1	8 332 01	Polished stainless steel
1	8 334 01	Glossy gold
		1-gang - intermediate switch Nominal plate dimensions: 86 x 86 mm
1	8 330 05	Brushed stainless steel
1	8 332 05	Polished stainless steel
1	8 334 05	Glossy gold
		2-gang 2-way switch Nominal plate dimensions: 86 x 86 mm
1	8 330 02	Brushed stainless steel
1	8 332 02	Polished stainless steel
1	8 334 02	Glossy gold
		3 gang 2-way switch Nominal plate dimensions: 86 x 86 mm
1	8 330 03	Brushed stainless steel
1	8 332 03	Polished stainless steel
1	8 334 03	Glossy gold
		4 gang 2-way switch Nominal plate dimensions: 86 x 146 mm
1	8 330 04	Brushed stainless steel
1	8 332 04	Polished stainless steel
1	8 334 04	Glossy gold

Pack	Cat.Nos	Single pole push switches 10 A - 250 V~
		Conform to BS EN 60669-1 For flush-mounting, back box to be min. 16 mm deep Nominal plate dimensions: 86 x 86 mm
		1-gang 2-way push switch
1	8 330 07	Brushed stainless steel
1	8 332 07	Polished stainless steel
1	8 334 07	Glossy gold

Pack	Cat.Nos	Single pole plate switches 20 AX - 250 V~
		Conform to BS EN 60669-1 For flush-mounting, back box to be min. 16 mm deep Nominal plate dimensions: 86 x 86 mm
		1-gang 2-way switch
1	8 331 31	Brushed stainless steel
1	8 333 31	Polished stainless steel
1	8 335 31	Glossy gold

Pack	Cat.Nos	Single pole plate switches 20 AX - 250 V~ (continued)
		2-gang 2-way switch
1	8 331 32	Brushed stainless steel
1	8 333 32	Polished stainless steel
1	8 335 32	Glossy gold
		3 gang 2-way switch
1	8 331 33	Brushed stainless steel
1	8 333 33	Polished stainless steel
1	8 335 33	Glossy gold

Pack	Cat.Nos	Push ON/OFF rotary universal dimmers 5 W/300 W
		1-gang Conform to IEC 60669-2-1 For flush mounting back box to be min. 40 mm deep Equipped with overvoltage and short-circuit protection Screw terminals. For all types of lamps: - dimmable LEDs and CFL lamps: 5 to 75 W LED - halogen with ferromagnetic or electronic transformer: 5 to 300 VA - fluorescent tube - ballast: 5 to 300 VA - halogen and incandescent 230 V: 5 to 300 W When switched on, gradually (2 seconds) lights up at the level set before last switch-off Nominal plate dimensions: 86 x 86 mm Can be associated with an active power bleeder (p. 727)
1	8 331 51	Brushed stainless steel
1	8 333 51	Polished stainless steel
1	8 335 51	Glossy gold

Pack	Cat.Nos	Push ON/OFF rotary dimmers 400 W 100 - 240 V~ - 50/60 Hz
		Conform to BS EN 60669-1-2 For flush-mounting, back box to be min. 25 mm deep Nominal plate dimensions: 86 x 86 mm
		1-gang 2-way
1	8 331 56	Brushed stainless steel
1	8 333 56	Polished stainless steel
1	8 335 56	Glossy gold
		2-gang 2-way
1	8 331 57	Brushed stainless steel
1	8 333 57	Polished stainless steel
1	8 335 57	Glossy gold

Pack	Cat.Nos	Push ON/OFF rotary dimmers 1000 W 100 - 240 V/50-60 Hz
		Conform to BS EN 60669-1 - For flush-mounting back box to be min. 40 mm deep - 60-1000 W (230 V) - 60-500 W(127 V) for incandescent and halogen lamps 60-600 VA (230 V) - 60-300 VA (127 V) for halogen lamps with electronic transformers 60-100 VA (230 V) - 60-500 VA (127 V) for halogen lamps with ferromagnetic transformers Nominal plate dimensions: 86 x 86 mm
		1-gang
1	8 331 50	Brushed stainless steel
1	8 333 50	Polished stainless steel
1	8 335 50	Glossy gold

Synergy™

fan switch and double pole switches - Authentic

8 334 09

8 332 16

8 334 21

Slim front plate:
BSS: Plates made of austenitic Stainless Steel - non-magnetic - grade 304 L
PSS: Plates made of Stainless Steel + rust resistance
GG: Plates made of Stainless Steel + rust resistance
Terminal screws captive and backed off ready for cabling - large angled terminal entries
Compact mechanism for maximum wiring space

Pack	Cat.Nos	3 pole fan switches 10 A - 250 V~
		Conform to BS EN 60669-1: 2000 With integrated padlockable safety block in OFF position. Flush mounting back box: min. 25 mm deep Nominal plate dimensions: 86 x 86 mm
1	8 330 09	Brushed stainless steel
1	8 332 09	Polished stainless steel
1	8 334 09	Glossy gold

Pack	Cat.Nos	Double pole switches 20 A - 250 V~
		Conform to BS EN 60669-1 For flush-mounting, back box to be min. 25 mm deep Use cord outlet accessory Cat.No 7 300 53 for external cord outlet Nominal plate dimensions: 86 x 86 mm
		DP switches
1	8 330 10	Brushed stainless steel
1	8 332 10	Polished stainless steel
1	8 334 10	Glossy gold
		DP switches + cord outlet + blue LED power indicator
1	8 330 16	Brushed stainless steel
1	8 332 16	Polished stainless steel
1	8 334 16	Glossy gold
		DP switches + blue LED power indicator
1	8 330 12	Brushed stainless steel
1	8 332 12	Polished stainless steel
1	8 334 12	Glossy gold

Pack	Cat.Nos	Double pole switches 45 A - 250 V~
		Conform to BS EN 60669-1 For flush-mounting, back box to be min. 45 mm deep
		1-gang switch Nominal plate dimensions: 86 x 86 mm
1	8 330 22	Brushed stainless steel
1	8 332 22	Polished stainless steel
1	8 334 22	Glossy gold
		1-gang switch + blue LED power indicator Nominal plate dimensions: 86 x 86 mm
1	8 330 23	Brushed stainless steel
1	8 332 23	Polished stainless steel
1	8 334 23	Glossy gold
		1-gang switch + blue LED power indicator large plate Nominal plate dimensions: 146 x 86 mm
1	8 330 21	Brushed stainless steel
1	8 332 21	Polished stainless steel
1	8 334 21	Glossy gold

Synergy™

telephone, data sockets and television sockets - Authentic

8 330 50

8 330 57

8 334 43

Slim front plate:
BSS: Plates made of austenitic Stainless Steel - non-magnetic - grade 304 L
PSS: Plates made of Stainless Steel + rust resistance
GG: Plates made of Stainless Steel + rust resistance
Terminal screws captive and backed off ready for cabling - large angled terminal entries
Compact mechanism for maximum wiring space

Pack	Cat.Nos	Telephone sockets
		For flush-mounting, back box to be min. 35 mm deep Nominal plate dimensions: 86 x 86 mm
		UK master
1	8 330 50	Brushed stainless steel
1	8 332 50	Polished stainless steel
1	8 334 50	Glossy gold
		UK secondary
1	8 330 51	Brushed stainless steel
1	8 332 51	Polished stainless steel
1	8 334 51	Glossy gold
		RJ 11/RJ 12 - single
1	8 330 54	Brushed stainless steel
1	8 332 54	Polished stainless steel
1	8 334 54	Glossy gold

		Data sockets
		Rapid cable connection For flush-mounting, back box to be min. 35 mm deep Nominal plate dimensions: 86 x 86 mm
		RJ 45 cat. 6 UTP - single
1	8 330 56	Brushed stainless steel
1	8 332 56	Polished stainless steel
1	8 334 56	Glossy gold
		RJ 45 cat. 6 UTP - twin
1	8 330 57	Brushed stainless steel
1	8 332 57	Polished stainless steel
1	8 334 57	Glossy gold

		Television sockets
		For flush-mounting, back box to be min. 35 mm deep Screened Nominal plate dimensions: 86 x 86 mm
		TV socket - single male
1	8 330 40	Brushed stainless steel
1	8 332 40	Polished stainless steel
1	8 334 40	Glossy gold
		SAT socket - single "F" type
1	8 330 41	Brushed stainless steel
1	8 332 41	Polished stainless steel
1	8 334 41	Glossy gold
		TV-R-SAT socket - "F" type
1	8 330 43	Brushed stainless steel
1	8 332 43	Polished stainless steel
1	8 334 43	Glossy gold

Synergy™

British standard socket outlets - Authentic

8 330 65

8 334 67

8 330 78A

8 330 73A

8 327 79

Slim front plate:
BSS: Plates made of austenitic Stainless Steel - non-magnetic - grade 304 L
PSS: Plates made of Stainless Steel + rust resistance
GG: Plates made of Stainless Steel + rust resistance
Terminal screws captive and backed off ready for cabling - large angled terminal entries. Compact mechanism for maximum wiring space

Socket outlets 13 A - 250 V~

Conform to BS 1363: Part. 2
With safety shutter mechanismFor flush-mounting, back box to be min. 25 mm deep
ASTA licence

1-gang - unswitched
Nominal plate dimensions: 86 x 86 mm

Pack	Cat.Nos	
1	8 330 65	Brushed stainless steel
1	8 332 65	Polished stainless steel
1	8 334 65	Glossy gold

2-gang - unswitched
Nominal plate dimensions: 86 x 146 mm

Pack	Cat.Nos	
1	8 330 75	Brushed stainless steel
1	8 332 75	Polished stainless steel
1	8 334 75	Glossy gold

Single pole socket outlets 13 A - 250 V~

Conform to BS 1363: Part. 2
With safety shutter mechanism
For flush-mounting, back box to be min. 25 mm deep
ASTA licence

1-gang - switched
Nominal plate dimensions: 86 x 86 mm

Pack	Cat.Nos	
1	8 330 66	Brushed stainless steel
1	8 332 66	Polished stainless steel
1	8 334 66	Glossy gold

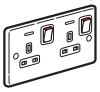
1-gang - switched with blue LED power indicator
Nominal plate dimensions: 86 x 86 mm

Pack	Cat.Nos	
1	8 330 67	Brushed stainless steel
1	8 332 67	Polished stainless steel
1	8 334 67	Glossy gold

2-gang - switched
Nominal plate dimensions: 86 x 146 mm

Pack	Cat.Nos	
1	8 330 76	Brushed stainless steel
1	8 332 76	Polished stainless steel
1	8 334 76	Glossy gold

2-gang - switched with blue LED power indicator
Nominal plate dimensions: 86 x 146 mm



Pack	Cat.Nos	
1	8 330 77	Brushed stainless steel
1	8 332 77	Polished stainless steel
1	8 334 77	Glossy gold

Single pole socket outlets 13 A - 250 V~ with USB charger

Conform to BS 1363-2
USB charger conform to IEC 60950-1

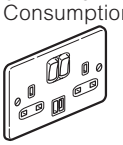
1-gang - switched - USB Type-A - 3 A - 5 V⎓ - 15 W
Consumption in passive mode < 0.07 W

Pack	Cat.Nos	
1	8 330 78A	Brushed Stainless steel
1	8 332 78A	Polished Stainless steel
1	8 334 78A	Glossy gold

1-gang - switched - USB Type-C - 18 W
Fast charge feature: Power Delivery
Consumption in passive mode < 0.07 W

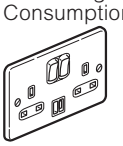
Pack	Cat.Nos	
1	8 330 73A	Brushed Stainless steel
1	8 332 73A	Polished Stainless steel
1	8 334 73A	Glossy gold

2-gang - switched - USB Type-A + Type-C - 3 A - 5 V⎓ - 15 W
Consumption in passive mode < 0.07 W



Pack	Cat.Nos	
1	8 330 79	Brushed Stainless Steel
1	8 332 79	Polished Stainless Steel
1	8 334 79	Glossy Gold

2-gang - switched - USB Type-A + Type-C - 27 W
Fast charge feature: Power Delivery
Consumption in passive mode < 0.07 W



Pack	Cat.Nos	
1	8 329 79	Brushed Stainless Steel
1	8 328 79	Polished Stainless Steel
1	8 327 79	Glossy Gold

Red catalogue numbers: New products

British standard socket outlets - Authentic (continued)

8 334 89

8 330 69

8 332 59

8 330 44

Slim front plate:
BSS: Plates made of austenitic Stainless Steel - non-magnetic - grade 304 L
PSS: Plates made of Stainless Steel + rust resistance
GG: Plates made of Stainless Steel + rust resistance
Terminal screws captive and backed off ready for cabling - large angled terminal entries
Compact mechanism for maximum wiring space

Double pole socket outlets 13 A - 250 V~

Conform to BS 1363: Part. 2
With safety shutter mechanism
For flush-mounting, back box to be min. 25 mm deep
ASTA licence

1-gang - switched
Nominal plate dimensions: 86 x 86 mm

Pack	Cat.Nos	
1	8 330 60	Brushed stainless steel
1	8 332 60	Polished stainless steel
1	8 334 60	Glossy gold

1-gang - switched with blue LED power indicator
Nominal plate dimensions: 86 x 86 mm

Pack	Cat.Nos	
1	8 330 61	Brushed stainless steel
1	8 332 61	Polished stainless steel
1	8 334 61	Glossy gold

2-gang - switched
Nominal plate dimensions: 86 x 146 mm

Pack	Cat.Nos	
1	8 330 70	Brushed stainless steel
1	8 332 70	Polished stainless steel
1	8 334 70	Glossy gold

2-gang - switched with blue LED power indicator
Nominal plate dimensions: 86 x 146 mm

Pack	Cat.Nos	
1	8 330 71	Brushed stainless steel
1	8 332 71	Polished stainless steel
1	8 334 71	Glossy gold

2-gang - switched outboard for standard and clean earth applications
Nominal plate dimensions: 86 x 146 mm

Pack	Cat.Nos	
1	8 330 74	Brushed stainless steel
1	8 332 74	Polished stainless steel
1	8 334 74	Glossy gold

Socket outlets 15 A - 250 V~

Conform to BS 546
Patented 3 pin safety shutter mechanism,
For flush-mounting, back box to be min. 35 mm deep
Nominal plate dimensions: 86 x 86 mm

1-gang - unswitched

Pack	Cat.Nos	
1	8 330 88	Brushed stainless steel
1	8 332 88	Polished stainless steel
1	8 334 88	Glossy gold

1-gang - switched - single pole

Pack	Cat.Nos	
1	8 330 89	Brushed stainless steel
1	8 332 89	Polished stainless steel
1	8 334 89	Glossy gold

Socket outlets 15 A - 127 V~

For flush-mounting, back box to be min. 35 mm deep

1-gang
Nominal plate dimensions: 86 x 86 mm

Pack	Cat.Nos	
1	8 330 99	Brushed stainless steel
1	8 334 99	Polished stainless steel
1	8 333 99	Glossy gold

2-gang
Nominal plate dimensions: 86 x 146 mm

Pack	Cat.Nos	
1	8 332 99	Brushed stainless steel
1	8 331 99	Polished stainless steel
1	8 335 99	Glossy gold

Socket outlets 5 A - 250 V~

Conform to BS 546
Patented 3 pin safety shutter mechanism,
For flush-mounting, back box to be min. 25 mm deep

1-gang - unswitched
Nominal plate dimensions: 86 x 86 mm

Pack	Cat.Nos	
1	8 330 68	Brushed stainless steel
1	8 332 68	Polished stainless steel
1	8 334 68	Glossy gold

1-gang - switched - single pole
Nominal plate dimensions: 86 x 146 mm

Pack	Cat.Nos	
1	8 330 69	Brushed stainless steel
1	8 332 69	Polished stainless steel
1	8 334 69	Glossy gold

Socket outlets 2 A - 250 V~

Conform to BS 546
For flush-mounting, back box to be min. 25 mm deep
Nominal plate dimensions: 86 x 86 mm

1-gang - unswitched

Pack	Cat.Nos	
1	8 330 59	Brushed stainless steel
1	8 332 59	Polished stainless steel
1	8 334 59	Glossy gold

Double USB sockets 2 x Type-A

For flush-mounting, back box to be min. 40 mm deep
Input voltage: 110 V/ 230 V
Comply with IEC 62684
5 V (output) - 3000 mA
Wiring with 1.5 mm^2 and 2.5 mm^2 (only live and neutral)

Pack	Cat.Nos	
1	8 330 44	Brushed stainless steel
1	8 332 44	Polished stainless steel
1	8 334 44	Glossy gold

Synergy™ - cooker control units and fused connection units - Authentic

8 332 29

8 334 37

Slim front plate:
BSS: Plates made of austenitic Stainless Steel - non-magnetic - grade 304 L
PSS: Plates made of Stainless Steel + rust resistance
GG: Plates made of Stainless Steel + rust resistance
Terminal screws captive and backed off ready for cabling - large angled terminal entries. Compact mechanism for maximum wiring space

Pack	Cat.Nos	
		Cooker control units - 250 V~
		Conform to BS 4177: 1992 For flush-mounting, back box to be min. 47 mm deep Nominal plate dimensions: 86 x 146 mm
		45 A DP switch + 13 A DP switched socket outlet with blue LED power indicator
1	8 330 29	Brushed stainless steel
1	8 332 29	Polished stainless steel
1	8 334 29	Glossy gold
		Fused connection units 13 A - 250 V~
		Conform to BS 1363: Part. 4 Front cable outlet with cord grip Fuse supplied Locked captive fuse carrier (padlockable) For flush-mounting, back box to be min. 25 mm deep
		Unswitched with cord outlet Nominal plate dimensions: 86 x 86 mm
1	8 330 32	Brushed stainless steel
1	8 332 32	Polished stainless steel
1	8 334 32	Glossy gold
		Unswitched without cord outlet Nominal plate dimensions: 86 x 86 mm
1	8 330 30	Brushed stainless steel
1	8 332 30	Polished stainless steel
1	8 334 30	Glossy gold
		Unswitched with blue LED power indicator Nominal plate dimensions: 86 x 86 mm
1	8 330 31	Brushed stainless steel
1	8 332 31	Polished stainless steel
1	8 334 31	Glossy gold
		Unswitched with blue LED power indicator + cord outlet Nominal plate dimensions: 86 x 86 mm
1	8 330 33	Brushed stainless steel
1	8 332 33	Polished stainless steel
1	8 334 33	Glossy gold
		DP switched without cord outlet Nominal plate dimensions: 86 x 86 mm
1	8 330 34	Brushed stainless steel
1	8 332 34	Polished stainless steel
1	8 334 34	Glossy gold
		DP switched with blue LED power indicator Nominal plate dimensions: 86 x 86 mm
1	8 330 35	Brushed stainless steel
1	8 332 35	Polished stainless steel
1	8 334 35	Glossy gold
		DP switched with blue LED power indicator + cord outlet Nominal plate dimensions: 86 x 86 mm
1	8 330 37	Brushed stainless steel
1	8 332 37	Polished stainless steel
1	8 334 37	Glossy gold

Synergy™ - shaver sockets, cable outlets, blanking plates and cord outlets - Authentic

8 332 90

8 330 19

8 334 95

Slim front plates:
BSS: Plates made of austenitic Stainless Steel - non-magnetic - grade 304 L
PSS: Plates made of Stainless Steel + rust resistance
GG: Plates made of Stainless Steel + rust resistance
Terminal screws captive and backed off ready for cabling - large angled terminal entries. Compact mechanism for maximum wiring space

Pack	Cat.Nos	
		Shaver sockets
		Conform to BS EN 61558-2-5 Suitable for use with European, British and Australian 2 pin plugs Rating: 20 VA IP 24 Screwless live and neutral terminals For flush-mounting, back box to be min. 45 mm deep Nominal plate dimensions: 146 x 86 mm
		230/120 V~ - 50/60 Hz
1	8 330 90	Brushed stainless steel
1	8 332 90	Polished stainless steel
1	8 334 90	Glossy gold
		Cable outlets
		Conform to BS 5733 Fitted clamp and outlet membrane With terminal block Nominal plate dimensions: 86 x 86 mm
		20 A - 250 V~
1	8 330 19	Brushed stainless steel
1	8 332 19	Polished stainless steel
1	8 334 19	Glossy gold
		45 A - 250 V~
1	8 330 26	Brushed stainless steel
1	8 332 26	Polished stainless steel
1	8 334 26	Glossy gold
		Blanking plates
		1-gang Nominal plate dimensions: 86 x 86 mm
1	8 330 95	Brushed stainless steel
1	8 332 95	Polished stainless steel
1	8 334 95	Glossy gold
		2-gang Nominal plate dimensions: 86 x 146 mm
1	8 330 96	Brushed stainless steel
1	8 332 96	Polished stainless steel
1	8 334 96	Glossy gold
		Cord outlets
		1-gang Nominal plate dimensions: 86 x 86 mm
1	8 330 52	Brushed stainless steel
1	8 332 52	Polished stainless steel
1	8 334 52	Glossy gold

Synergy™

single pole switches and dimmers - Sleek Design

8 321 31

8 323 32

8 325 33

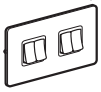
8 321 51

8 323 57

8 325 50

Sleek design. BSS: Plates made of austenitic Stainless Steel - non-magnetic - grade 304 L
PSS: Plates made of Stainless Steel + rust resistance. GG: Plates made of Stainless Steel + rust resistance
Terminal screws captive and backed off ready for cabling - large angled terminal entries. Compact mechanism for maximum wiring space

Pack	Cat.Nos	Single pole plate switches 10 AX - 250 V~	
		Conform to BS EN 60669-1 For flush-mounting, back box to be min. 35 mm deep Nominal plate dimensions: 86 x 86 mm	
		1-gang 2-way switch	
1	8 320 01		Brushed stainless steel
1	8 322 01		Polished stainless steel
1	8 324 01		Glossy gold
		2-gang 2-way switch	
1	8 320 02		Brushed stainless steel
1	8 322 02		Polished stainless steel
1	8 324 02		Glossy gold

Pack	Cat.Nos	Single pole plate switches 20 AX - 250 V~	
		Conform to BS EN 60669-1 For flush-mounting, back box to be min. 35 mm deep	
		1-gang 2-way switch Nominal plate dimensions: 86 x 86 mm	
1	8 321 31		Brushed stainless steel
1	8 323 31		Polished stainless steel
1	8 325 31		Glossy gold
		2-gang 2-way switch Nominal plate dimensions: 86 x 86 mm	
1	8 321 32		Brushed stainless steel
1	8 323 32		Polished stainless steel
1	8 325 32		Glossy gold
		3-gang 2-way switch Nominal plate dimensions: 86 x 86 mm	
1	8 321 33		Brushed stainless steel
1	8 323 33		Polished stainless steel
1	8 325 33		Glossy gold
		4-gang 2-way switch Nominal plate dimensions: 86 x 146 mm	
1	8 321 34		Brushed stainless steel
1	8 323 34		Polished stainless steel
1	8 325 34		Glossy gold

Pack	Cat.Nos	Single pole intermediate 10 AX - 250 V~	
		Conform to BS EN 60669-1 For flush-mounting, back box to be min. 35 mm deep	
1	8 320 05		Brushed stainless steel
1	8 322 05		Polished stainless steel
1	8 324 05		Glossy gold

Pack	Cat.Nos	Single pole push switches 10 A - 250 V~	
		Conform to BS EN 60669-1 For flush-mounting, back box to be min. 35 mm deep Nominal plate dimensions: 86 x 86 mm	
		1-gang 2-way push switch	
1	8 320 07		Brushed stainless steel
1	8 322 07		Polished stainless steel
1	8 324 07		Glossy gold

Pack	Cat.Nos	Push ON/OFF rotary universal dimmers 5 W/300 W 100 - 240 V~ - 50/60 Hz	
		1-gang 2-way push switch Conform to IEC 60669-2-1 For flush-mounting back box to be min. 40 mm deep Equipped with overvoltage and short-circuit protection Screw terminals For all types of lamps: - dimmable LEDs and CFL lamps : 5 to 75 W LED - halogen with ferromagnetic or electronic transformer: 5 to 300 VA - fluorescent tube - ballast: 5 to 300 VA - halogen and incandescent 230 V: 5 to 300 W When switched on, gradually (2 seconds) lights up at the level set before last switch-off Nominal plate dimensions: 86 x 86 mm	
1	8 321 51		Brushed stainless steel
1	8 323 51		Polished stainless steel
1	8 325 51		Glossy gold
		Active Power Bleeder	
1	0 401 49		Makes 2-wire electronic lighting control units without neutral compatible with all commercially-available loads (LED, compact fluorescent, ELV halogen with ferromagnetic or electronic ballast, 230 V halogen, fluorescent tube, incandescent) Consumption 0.4 W

Pack	Cat.Nos	Push ON/OFF rotary dimmers 400 W 100 - 240 V~ - 50/60 Hz	
		Conform to BS EN 60669-1 For flush-mounting, back box to be min. 35 mm deep Nominal plate dimensions: 86 x 86 mm	
		1-gang 2 way	
1	8 321 56		Brushed stainless steel
1	8 323 56		Polished stainless steel
1	8 325 56		Glossy gold
		2-gang 2 way	
1	8 321 57		Brushed stainless steel
1	8 323 57		Polished stainless steel
1	8 325 57		Glossy gold

Pack	Cat.Nos	Push ON/OFF rotary dimmers 1000 W 250 V~ - 50/60 Hz	
		Conform to BS EN 60669-1 - For flush-mounting back box to be min. 40 mm deep - 60-1000 W (230 V) - 60-500 W(127 V) for incandescent and halogen lamps 60-600 VA (230 V) - 60-300 VA (127 V) for halogen lamps with electronic transformers 60-100 VA (230 V) - 60-500 VA (127 V) for halogen lamps with ferromagnetic transformers Nominal plate dimensions: 86 x 86 mm	
		1-gang 2-way push switch	
1	8 321 50		Brushed stainless steel
1	8 323 50		Polished stainless steel
1	8 325 50		Glossy gold

Synergy™

double pole switches - Sleek Design

8 320 10

8 324 12

8 324 23

Sleek design
BSS: Plates made of austenitic Stainless Steel - non-magnetic - grade 304 L
PSS: Plates made of Stainless Steel + rust resistance
GG: Plates made of Stainless Steel + rust resistance
Terminal screws captive and backed off ready for cabling - large angled terminal entries
Compact mechanism for maximum wiring space

Pack	Cat.Nos	Double pole switches 20 A - 250 V~
		Conform to BS EN 60669-1 For flush-mounting, back box to be min. 35 mm deep Supplied with 1-gang side extension (3 mm thick) in case of extra wiring space needed Nominal plate dimensions: 86 x 86 mm
		DP switch + blue LED power indicator
1	8 320 10	Brushed stainless steel
1	8 322 10	Polished stainless steel
1	8 324 10	Glossy gold
		DP switch + cord outlet + blue LED power indicator
1	8 320 16	Brushed stainless steel
1	8 322 16	Polished stainless steel
1	8 324 16	Glossy gold
		DP switches + blue LED power indicator
1	8 320 12	Brushed stainless steel
1	8 322 12	Polished stainless steel
1	8 324 12	Glossy gold

Pack	Cat.Nos	Double pole switches 45 A - 250 V~
		Conform to BS EN 60669-1 For flush-mounting, back box to be min. 47 mm deep Red rocker Nominal plate dimensions: 86 x 86 mm
		DP switch + blue LED power indicator
1	8 320 23	Brushed stainless steel
1	8 322 23	Polished stainless steel
1	8 324 23	Glossy gold

Synergy™

British standard socket outlets and USB sockets - Sleek Design

8 320 75

Sleek design
BSS: Plates made of austenitic Stainless Steel - non-magnetic - grade 304 L
PSS: Plates made of Stainless Steel + rust resistance
GG: Plates made of Stainless Steel + rust resistance
Terminal screws captive and backed off ready for cabling - large angled terminal entries
Compact mechanism for maximum wiring space

Pack	Cat.Nos	Socket outlets 13 A - 250 V~
		Conform to BS EN 1363: Part. 2 With safety shutter mechanism For flush-mounting, back box to be min. 35 mm deep ASTA licence
		1-gang - unswitched Nominal plate dimensions: 86 x 86 mm
1	8 320 65	Brushed stainless steel
1	8 322 65	Polished stainless steel
1	8 324 65	Glossy gold
		2-gang - unswitched Nominal plate dimensions: 86 x 146 mm
1	8 320 75	Brushed stainless steel
1	8 322 75	Polished stainless steel
1	8 324 75	Glossy gold

Pack	Cat.Nos	Single pole socket outlets 13 A - 250 V~
		Conform to BS EN 1363: Part. 2 With safety shutter mechanism For flush-mounting, back box to be min. 35 mm deep
		1-gang - switched Nominal plate dimensions: 86 x 86 mm
1	8 320 66	Brushed stainless steel
1	8 322 66	Polished stainless steel
1	8 324 66	Glossy gold
		1-gang - switched with blue LED power indicator Nominal plate dimensions: 86 x 86 mm
1	8 320 67	Brushed stainless steel
1	8 322 67	Polished stainless steel
1	8 324 67	Glossy gold
		2-gang - switched Nominal plate dimensions: 86 x 146 mm
1	8 320 76	Brushed stainless steel
1	8 322 76	Polished stainless steel
1	8 324 76	Glossy gold
		2-gang - switched with blue LED power indicator Nominal plate dimensions: 86 x 146 mm
1	8 320 77	Brushed stainless steel
1	8 322 77	Polished stainless steel
1	8 324 77	Glossy gold

Synergy™

British standard socket outlets and USB sockets - Sleek Design (continued)

8 324 78A

8 322 73A

8 320 79

8 320 44

Sleek design
BSS: Plates made of austenitic Stainless Steel - non-magnetic - grade 304 L
PSS: Plates made of Stainless Steel + rust resistance
GG: Plates made of Stainless Steel + rust resistance
Terminal screws captive and backed off ready for cabling - large angled terminal entries
Compact mechanism for maximum wiring space

Single pole socket outlets 13 A - 250 V~ with USB charger

Conform to BS 1363-2
USB charger conform to IEC 60950-1

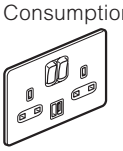
1-gang - switched - USB Type-A - 3 A - 5 V⎓ - 15 W
Consumption in passive mode < 0.07 W

Pack	Cat.Nos	
1	8 320 78A	Brushed Stainless Steel
1	8 322 78A	Polished Stainless Steel
1	8 324 78A	Glossy Gold

1-gang - switched - USB Type-C - 18 W
Fast charge feature: Power Delivery
Consumption in passive mode < 0.07 W

Pack	Cat.Nos	
1	8 320 73A	Brushed Stainless Steel
1	8 322 73A	Polished Stainless Steel
1	8 324 73A	Glossy Gold

2-gang - switched - USB Type-A + Type-C - 3 A - 5 V⎓ - 15 W
Consumption in passive mode < 0.07 W



Pack	Cat.Nos	
1	8 320 79	Brushed Stainless Steel
1	8 322 79	Polished Stainless Steel
1	8 324 79	Glossy Gold

2-gang - switched - USB Type-A + Type-C - 27 W
Fast charge feature: Power Delivery
Consumption in passive mode < 0.07 W

Pack	Cat.Nos	
1	8 319 79	Brushed Stainless Steel
1	8 318 79	Polished Stainless Steel
1	8 326 79	Glossy Gold

Double pole socket outlets 13 A - 250 V~

Conform to BS EN 1363: Part. 2
With safety shutter mechanism
For flush-mounting, back box to be min. 35 mm deep
Nominal plate dimensions: 86 x 86 mm (1-gang)
86 x 146 mm (2-gang)
ASTA licence

1-gang - switched

Pack	Cat.Nos	
1	8 320 60	Brushed stainless steel
1	8 322 60	Polished stainless steel
1	8 324 60	Glossy gold

1-gang - switched with blue LED power indicator

Pack	Cat.Nos	
1	8 320 61	Brushed stainless steel
1	8 322 61	Polished stainless steel
1	8 324 61	Glossy gold

Double pole socket outlets 13 A - 250 V~ (continued)

2-gang - switched

Pack	Cat.Nos	
1	8 320 70	Brushed stainless steel
1	8 322 70	Polished stainless steel
1	8 324 70	Glossy gold

2-gang - switched with blue LED power indicator

Pack	Cat.Nos	
1	8 320 71	Brushed stainless steel
1	8 322 71	Polished stainless steel
1	8 324 71	Glossy gold

Socket outlets 15 A - 250 V~

Conform to BS 546
Patented 3 pin safety shutter mechanism
For flush-mounting, back box to be min. 35 mm deep
Nominal plate dimensions: 86 x 86 mm

1-gang - switched - single pole

Pack	Cat.Nos	
1	8 320 89	Brushed stainless steel
1	8 322 89	Polished stainless steel
1	8 324 89	Glossy gold

Socket outlets 5 A - 250 V~

Conform to BS 546
Patented 3 pin safety shutter mechanism
For flush-mounting, back box to be min. 25 mm deep
Nominal plate dimensions: 86 x 86 mm

1-gang - switched - single pole

Pack	Cat.Nos	
1	8 320 69	Brushed stainless steel
1	8 322 69	Polished stainless steel
1	8 324 69	Glossy gold

Socket outlets 2 A - 250 V~

Conform to BS 546
For flush-mounting, back box to be min. 25 mm deep
Nominal plate dimensions: 86 x 86 mm

1-gang - unswitched

Pack	Cat.Nos	
1	8 320 59	Brushed stainless steel
1	8 322 59	Polished stainless steel
1	8 324 59	Glossy gold

Double USB sockets 2 x Type-A

Conform to IEC 62684
For flush-mounting, back box to be min. 40 mm deep
Input voltage: 110 V/ 230 V
5 V (output) - 3000 mA. Wiring with 1.5 mm² and 2.5 mm² (only live and neutral)

Pack	Cat.Nos	
1	8 320 44	Brushed stainless steel
1	8 322 44	Polished stainless steel
1	8 324 44	Glossy gold

Synergy™ - telephone, data sockets and television sockets - Sleek Design

8 320 50

8 324 57

8 322 41

Sleek design
BSS: Plates made of austenitic Stainless Steel - non-magnetic - grade 304 L
PSS: Plates made of Stainless Steel + rust resistance
GG: Plates made of Stainless Steel + rust resistance
Terminal screws captive and backed off ready for cabling - large angled terminal entries
Compact mechanism for maximum wiring space

Pack	Cat.Nos	
		Telephone sockets
		For flush-mounting, back box to be min. 35 mm deep Nominal plate dimensions: 86 x 86 mm
		UK master
1	8 320 50	Brushed stainless steel
1	8 322 50	Polished stainless steel
1	8 324 50	Glossy gold
		UK secondary
1	8 320 51	Brushed stainless steel
1	8 322 51	Polished stainless steel
1	8 324 51	Glossy gold
		RJ 11 / RJ 12 - single
1	8 320 54	Brushed stainless steel
1	8 322 54	Polished stainless steel
1	8 324 54	Glossy gold
		Data sockets
		Rapid cable connection For flush-mounting, back box to be min. 35 mm deep Nominal plate dimensions: 86 x 86 mm
		RJ 45 cat. 6 UTP - single
1	8 320 56	Brushed stainless steel
1	8 322 56	Polished stainless steel
1	8 324 56	Glossy gold
		RJ 45 cat. 6 UTP - twin
1	8 320 57	Brushed stainless steel
1	8 322 57	Polished stainless steel
1	8 324 57	Glossy gold
		Television sockets
		For flush-mounting, back box to be min. 35 mm deep Screened Nominal plate dimensions: 86 x 86 mm
		TV socket - single male
1	8 320 40	Brushed stainless steel
1	8 322 40	Polished stainless steel
1	8 324 40	Glossy gold
		SAT socket - single "F" type
1	8 320 41	Brushed stainless steel
1	8 322 41	Polished stainless steel
1	8 324 41	Glossy gold
		TV-R-SAT socket - "F" type
1	8 320 43	Brushed stainless steel
1	8 322 43	Polished stainless steel
1	8 324 43	Glossy gold

Synergy™ - cooker control units, fused connection units and cable outlets - Sleek Design

8 320 32

8 322 37

8 324 19

Sleek design
BSS: Plates made of austenitic Stainless Steel - non-magnetic - grade 304 L
PSS: Plates made of Stainless Steel + rust resistance
GG: Plates made of Stainless Steel + rust resistance
Terminal screws captive and backed off ready for cabling - large angled terminal entries
Compact mechanism for maximum wiring space

Pack	Cat.Nos	
		Cooker control units - 250 V~
		Conform to BS 4177: 1992 For flush-mounting, back box to be min 47 mm deep Nominal plate dimensions: 86 x 146 mm
		45 A DP switch + 13 A DP switched socket outlet - with blue LED power indicator
1	8 320 29	Brushed stainless steel
1	8 322 29	Polished stainless steel
1	8 324 29	Glossy gold
		Fused connection units unswitched 13 A - 250 V~
		Conform to BS 1363: Part. 4. Front cable outlet with cord grip. Fuses supplied. Locked captive fuse carrier (padlockable). For flush-mounting, back box to be min. 35 mm deep. Supplied with 1-gang side extension (3 mm thick) in case of extra wiring space needed Nominal plate dimensions: 86 x 86 mm
		Unswitched - with cord outlet
1	8 320 32	Brushed stainless steel
1	8 322 32	Polished stainless steel
1	8 324 32	Glossy gold
		Fused connection units switched 13 A - 250 V~
		Conform to BS 1363: Part. 4. Front cable outlet with cord grip. Fuses supplied. Locked captive fuse carrier (padlockable). For flush-mounting, back box to be min. 35 mm deep. Supplied with 1-gang side extension (3 mm thick) in case of extra wiring space needed Nominal plate dimensions: 86 x 86 mm
		DP switched - with blue LED power indicator - without cord outlet
1	8 320 35	Brushed stainless steel
1	8 322 35	Polished stainless steel
1	8 324 35	Glossy gold
		DP switched - with blue LED power indicator + cord outlet
1	8 320 37	Brushed stainless steel
1	8 322 37	Polished stainless steel
1	8 324 37	Glossy gold
		Cable outlets
		Conform to BS 5733. Fitted with clamp and outlet membrane. With terminal block Nominal plate dimensions: 86 x 86 mm
		20 A - 250 V~
1	8 320 19	Brushed stainless steel
1	8 322 19	Polished stainless steel
1	8 324 19	Glossy gold
		45 A - 250 V~
1	8 320 26	Anthracite grey colour (plastic)

Synergy™

hotel equipment - Sleek Design

8 320 90

8 323 00

8 325 01

Sleek design
BSS: Plates made of austenitic Stainless Steel - non-magnetic - grade 304 L
PSS: Plates made of Stainless Steel + rust resistance
GG: Plates made of Stainless Steel + rust resistance
Terminal screws captive and backed off ready for cabling - large angled terminal entries
Compact mechanism for maximum wiring space

Pack	Cat.Nos	
		Shaver sockets
		Conform to BS EN 61558-2-5 Suitable for use with European, British, American and Australian 2 pin plugs Rating: 20 VA IP 24 Screwless live and neutral terminals For flush-mounting, back box to be min. 45 mm deep Supplied with 2-gang side extension (3 mm thick) in case of extra wiring space needed Nominal plate dimensions: 146 x 86 mm
		230 V / 120 V - 50/60 Hz
1	8 320 90	Brushed stainless steel
1	8 322 90	Polished stainless steel
1	8 324 90	Glossy gold
		Key card switches 230 V~
		For energizing a circuit by inserting a key fob or a smart card (access card for hotel rooms) Example of use: Hotel room power supply only when guest is present Time delay of approx. 30 sec. after card removal to be equipped with a single pole latching relay or contactor
1	8 321 00	Brushed stainless steel
1	8 323 00	Polished stainless steel
1	8 325 00	Glossy gold
		Hotel call indicators DND/Please clean up
		Indicator for corridor Indicator lamp and bell push Installed in the corridor, displays calls
1	8 321 01	Brushed stainless steel
1	8 323 01	Polished stainless steel
1	8 325 01	Glossy gold
		Hotel call indicators - internal room control
		Internal Control Unit Allow the user to select the desired setting supplied with LED
1	8 321 02	Brushed stainless steel
1	8 323 02	Polished stainless steel
1	8 325 02	Glossy gold

Synergy™

blanking plates, cord outlets - Sleek Design

8 320 95

8 322 96

8 320 52

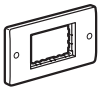
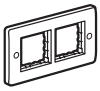
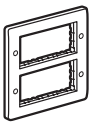
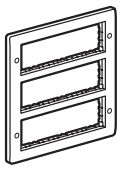
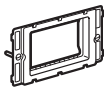
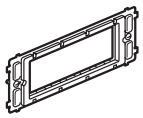
Sleek design
BSS: Plates made of austenitic Stainless Steel - non-magnetic - grade 304 L
PSS: Plates made of Stainless Steel + rust resistance
GG: Plates made of Stainless Steel + rust resistance
Terminal screws captive and backed off ready for cabling - large angled terminal entries

Pack	Cat.Nos	
		Blanking plates
		1-gang
		Nominal plate dimensions: 86 x 86 mm
1	8 320 95	Brushed stainless steel
1	8 322 95	Polished stainless steel
1	8 324 95	Glossy gold
		2-gang
		Nominal plate dimensions: 86 x 146 mm
1	8 320 96	Brushed stainless steel
1	8 322 96	Polished stainless steel
1	8 324 96	Glossy gold
		Cord outlets
		1-gang
		Nominal plate dimensions: 86 x 86 mm
1	8 320 52	Brushed stainless steel
1	8 322 52	Polished stainless steel
1	8 324 52	Glossy gold

IP 55 splash-proof cover **p. 721**

Synergy™

front plates for Arteor mechanisms

GRID SYSTEM	FRONT PLATES FOR ARTEOR MECHANISMS					
	1-gang for 1 Arteor module	1-gang for 2 Arteor modules	2-gang for 3 Arteor modules	2-gang for 4 Arteor modules	2 x 2-gang for 8 Arteor modules	3 x 3-gang for 18 Arteor modules
FRONT PLATES	**Clip-in carrier plate - No yoke required**				**Yoke required**	
						
Dimensions (mm)	**86 x 86**	**86 x 86**	**86 x 146**	**86 x 146**	**146 x 146**	**267 x 207**
White	7 300 91	7 300 92	7 300 93	7 300 94	7 301 88	7 301 90
Authentic Brushed stainless steel	8 330 91	8 330 92	8 330 93	8 330 94	8 331 88	8 331 90
Authentic Polished stainless steel	8 332 91	8 332 92	8 332 93	8 332 94	8 333 88	8 333 90
Authentic Glossy gold	8 334 91	8 334 92	8 334 93	8 334 94	8 335 88	8 335 90
Sleek Design Brushed stainless steel	8 320 91	8 320 92	8 320 93	8 320 94	-	-
Sleek Design Polished stainless steel	8 322 91	8 322 92	8 322 93	8 322 94	-	-
Sleek Design Glossy gold	8 324 91	8 324 92	8 324 93	8 324 94	-	-
Metalclad	7 338 91(1)	7 338 92(1)	7 338 93(1)	7 338 94(1)	-	-
GRID YOKES						
Grid yokes	**No yoke required**				 2 x 7 354 74	 3 x 7 354 76

Examples with Arteor mechanisms

Arteor mechanisms **(p. 558)**

1: Supplied with back box

Synergy™

Grid modules - decorative rockers, white and anthracite rockers without marking

8 326 00

8 326 06

8 326 12

7 355 00

7 354 21

7 354 50

7 353 65

Front plate selection charts **p. 734**

Single pole switches 10 AX - 250 V~ - decorative rockers

Pack	Cat.Nos	
		1-way switch
1	8 326 00	Brushed stainless steel
1	8 326 06	Polished stainless steel
1	8 326 12	Glossy gold
		2-way switch
1	8 326 01	Brushed stainless steel
1	8 326 07	Polished stainless steel
1	8 326 13	Glossy gold
		Intermediate switch
1	8 326 02	Brushed stainless steel
1	8 326 08	Polished stainless steel
1	8 326 14	Glossy gold

Single pole switches 20 AX - 250 V~ - decorative rockers

		1-way switch
1	8 326 03	Brushed stainless steel
1	8 326 09	Polished stainless steel
1	8 326 15	Glossy gold
		2-way switch
1	8 326 04	Brushed stainless steel
1	8 326 10	Polished stainless steel
1	8 326 16	Glossy gold
		2-way retractive centre off switch
1	8 326 05	Brushed stainless steel
1	8 326 11	Polished stainless steel
1	8 326 17	Glossy gold

Single pole switches 10 AX - 250 V~

Pack	White	Anthracite	
			Conform to BS EN 60669-1
10	7 354 00	7 355 00	1-way
10	7 354 01	7 355 01	1-way + neon
10	7 354 03	7 355 03	2-way
10	7 354 07	7 355 07	Intermediate
10	7 354 05	7 355 05	2-way push switch
10	7 354 06	7 355 06	2-way push switch marked "BELL"

Single pole switches 20 AX - 250 V~

Pack	White	Anthracite	
			Conform to BS EN 60669-1
10	7 354 10	7 355 10	1-way
10	7 354 11	7 355 11	1-way + neon
10	7 354 12	7 355 12	2-way
10	7 354 18	7 355 18	Intermediate
10	7 354 13	7 355 13	2-way centre off
10	7 354 14	7 355 14	2-way retractive centre off
10	7 354 15	7 355 15	2-way push switch

Single pole key switches 20 AX - 250 V~

Pack	White	Anthracite	
			Conform to BS EN 60669-1
			Key supplied
10	7 354 16	7 355 16	2-way
10	7 354 17	7 355 17	2-way retractive centre off

Double pole switches 20 AX - 250 V~

Pack	White	Anthracite	
			Conform to BS EN 60669-1
10	7 354 20	7 355 20	Switch
10	7 354 21	7 355 21	Switch + neon
10	7 354 22	7 355 22	Push to make
10	7 354 25	7 355 25	Push to break

Double pole key switches 20 AX - 250 V~

Pack	White	Anthracite	
			Conform to BS EN 60669-1
			Key supplied
10	7 354 23	7 355 23	Key switch
10	7 354 24	7 355 24	Key switch + neon

Dimmers 100 - 240 V~ - 50-60 Hz

Pack	White	Anthracite	
			Conform to BS EN 60669-2-1
1	7 354 46	7 355 46	2-way - 300 W - push dimmer

Time delay switches

Pack	White	Anthracite	
1	7 354 47	7 355 47	Time delay switch 300 W

Telephone sockets

Pack	White	Anthracite	
1	7 354 50	7 355 50	BT master
1	7 354 51	7 355 51	BT secondary

Data sockets

Pack	White	Anthracite	
10	7 352 56	7 353 56	RJ 45 cat. 6 UTP

Television sockets

Pack	White	Anthracite	
10	7 354 40	7 355 40	Screened TV single, male
10	7 354 41	7 355 41	Screened TV-SAT

Loudspeaker sockets

Pack	White	Anthracite	
10	7 352 65	7 353 65	Hi-Fi loudspeaker socket

Fuse carriers 13 A - 250 V~

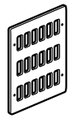
Pack	White	Anthracite	
10	7 350 30	7 351 30	Fuse carrier

Accessories

Pack	White	Anthracite	
10	7 350 62	7 351 62	Indicator - green neon
10	7 350 60	7 351 60	Indicator - red neon
20	7 354 36	7 355 36	Blanking plate

Synergy™

grid system for grid modules

GRID MODULES	ARCHITRAVES		FRONT PLATES WITH SMALL APERTURES					FRONT PLATES WITH SMALL APERTURES					
	1-gang	2-gang	1-gang		2-gang			2 x 2-gang		3 x 2-gang		3 x 3-gang	4 x 3-gang
	1 module	2 modules	1 module	2 modules	3 modules	4 modules		6 modules	8 modules	9 modules	12 modules	18 modules	24 modules
													
Dimensions (mm)	**86 x 36**	**146 x 36**	**86 x 86**	**86 x 86**	**86 x 146**	**86 x 146**		**146 x 146**	**146 x 146**	**207 x 146**	**207 x 146**	**267 x 206**	**267 x 206**
White	7 301 80	7 301 81	7 301 91	7 301 92	7 301 93	7 301 94		7 301 82	7 301 83	7 301 84	7 301 85	7 301 86	7 301 87
Authentic Brushed stainless steel	8 331 80	8 331 81	8 331 91	8 331 92	8 331 93	8 331 94		8 331 82	8 331 83	8 331 84	8 331 85	8 331 86	8 331 87
Authentic Polished stainless steel	8 333 80	8 333 81	8 333 91	8 333 92	8 333 93	8 333 94		8 333 82	8 333 83	8 333 84	8 333 85	8 333 86	8 333 87
Authentic Glossy gold	8 335 80	8 335 81	8 335 91	8 335 92	8 335 93	8 335 94		8 335 82	8 335 83	8 335 84	8 335 85	8 335 86	8 335 87
Sleek Design Brushed stainless steel	-	-	8 321 91(1)	8 321 92(1)	8 321 93(1)	8 321 94(1)		8 321 95(1)	8 321 96(1)	-	-	-	-
Sleek Design Polished stainless steel	-	-	8 323 91(1)	8 323 92(1)	8 323 93(1)	8 323 94(1)		8 323 95(1)	8 323 96(1)	-	-	-	-
Sleek Design Glossy gold	-	-	8 325 91	8 325 92	8 325 93	8 325 94		8 325 95	8 325 96	-	-	-	-
Metalclad	-	-	7 339 91	7 339 92	7 339 93	7 339 94		7 339 82	7 339 83	7 339 84	7 339 85	7 339 86	7 339 87
GRID YOKES													
For White, Authentic, Sleek Design and Metalclad	1 x 7 354 95	1 x 7 354 96	1 x 7 354 90	1 x 7 354 91	1 x 7 354 92	1 x 7 354 92		2 x 7 354 92	2 x 7 354 92	3 x 7 354 92	3 x 7 354 92	3 x 7 354 93	4 x 7 354 93
BOXES													
Flush-mounting	-	-	-	-	-	-		0 818 52	0 818 52	0 818 53	0 818 53	0 818 54	0 818 55
Flush-mounting with phase barriers	-	-	-	-	-	-		-	-	0 818 57	0 818 57	-	-
Surface-mounting, steel with knockouts	-	-	-	-	-	-		7 364 18	7 364 18	7 364 28	7 364 28	-	-
Surface-mounting, steel without knockouts	-	-	-	-	-	-		7 364 22	7 364 22	7 364 32	7 364 32	-	-
Surface-mounting, metal with knockouts	-	-	7 364 00	7 364 00	7 364 01	7 364 01		-	-	-	-	-	-

Example of association:

Authentic

Sleek Design

1: Yokes supplied with front plate

legrand

Synergy™

switches, television, telephone, data sockets, blanking plates and cable outlets - Metalclad

7 338 00

7 338 03

7 338 21

7 338 40

7 338 41

Front plates: grey epoxy coated steel
Terminal screws captive and backed off ready for cabling - large angled terminal entries
Supplied complete with close fit 43 mm deep surface-mounting back box

Pack	Cat.Nos	Single pole plate switches 10 AX - 250 V~
		Conform to BS EN 60669-1: 2000 Flush-mounting back box: min. 16 mm deep Nominal plate dimensions: 86 x 86 mm
5	7 338 00	1-gang 1-way
5	7 338 01	1-gang 2-way
5	7 338 05	1-gang intermediate
5	7 338 02	2-gang 2-way
5	7 338 03	3-gang 2-way

Pack	Cat.Nos	Double pole switches 20 A - 250 V~
		Conform to BS EN 60669-1: 2000 Flush-mounting back box: min. 25 mm deep Nominal plate dimensions: 86 x 86 mm
5	7 338 10	DP switch
5	7 338 16	DP switch with cord outlet + red LED power indicator
5	7 338 12	DP switch + red LED power indicator

Pack	Cat.Nos	Double pole switch 45 A - 250 V~
		Conforms to BS EN 60669-1: 2000 Red rocker Flush-mounting back box: min. 48 mm deep Nominal plate dimensions: 146 x 86 mm
5	7 338 21	DP switch + red power indicator

Pack	Cat.Nos	Television sockets
		Flush-mounting back box: min. 35 mm deep Nominal plate dimensions: 86 x 86 mm
5	7 338 40	Screened TV - single, male
1	7 338 41	Screened satellite - single, "F" type

Pack	Cat.Nos	Telephone sockets
		Flush-mounting back box: min. 35 mm deep Nominal plate dimensions: 86 x 86 mm
5	7 338 50	Single master
5	7 338 51	Single secondary

Pack	Cat.Nos	Data sockets cat. 6
		Rapid cable connection Flush-mounting back box: min. 35 mm deep Nominal plate dimensions: 86 x 86 mm
1	7 338 56	RJ 45 - single

Pack	Cat.Nos	Blanking plates
5	7 338 95	1-gang Nominal plate dimensions: 86 x 86 mm
5	7 338 96	2-gang Nominal plate dimensions: 86 x 146 mm

Pack	Cat.Nos	Cable outlet 20 A - 250 V~
		Conforms to BS 5733: 1995 Flush-mounting back box: min. 25 mm deep Nominal plate dimensions: 86 x 86 mm
5	7 338 19	20 A - with terminal block and outlet gland

Synergy™

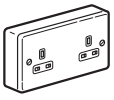
British standard socket outlets and fused connection units - Metalclad

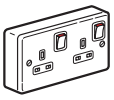
7 338 65

7 338 71

7 338 89

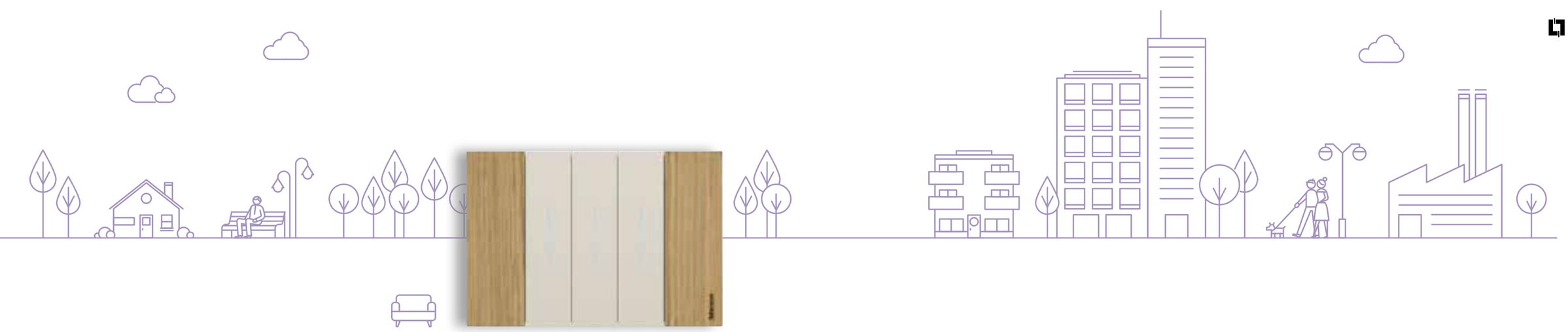
Front plates: grey epoxy coated steel. Terminal screws captive and backed off ready for cabling - large angled terminal entries
Supplied complete with close fit 43 mm deep surface-mounting back box

Pack	Cat.Nos	Socket outlets 13 A - 250 V~
		Conform to BS 1363 - Part 2: 1995 With safety shutter mechanism Flush-mounting back box: min. 25 mm deep
5	7 338 65	1-gang - unswitched Nominal plate dimensions: 86 x 86 mm
5	7 338 75	 2-gang - unswitched Nominal plate dimensions: 86 x 146 mm

Pack	Cat.Nos	Double pole socket outlets 13 A - 250 V~
		Conform to BS 1363 - Part 2: 1995 With safety shutter mechanism Flush-mounting back box: min. 25 mm deep
		Switched
5	7 338 60	1-gang Nominal plate dimensions: 86 x 86 mm
5	7 338 70	 2-gang Nominal plate dimensions: 86 x 146 mm
		Switched with red LED power indicator
5	7 338 61	1-gang Nominal plate dimensions: 86 x 86 mm
5	7 338 71	2-gang Nominal plate dimensions: 86 x 146 mm

Pack	Cat.Nos	Socket outlet 15 A - 250 V~
		Conform to BS 546: 1950 Patented 3 pin safety shutter mechanism Flush-mounting back box: min. 35 mm deep Nominal plate dimensions: 86 x 86 mm
5	7 338 89	1-gang - switched

Pack	Cat.Nos	Fused connection units 13 A - 250 V~
		Conform to BS 1363 - Part 4: 1995. Fused 13 A (fuse supplied). Fuse drawer retained by quarter turn catch, drawer padlockable in open position for safety. Flush-mounting back box: min. 25 mm deep Nominal plate dimensions: 86 x 86 mm
		Double pole switched
5	7 338 34	Without cord outlet
5	7 338 35	With red LED power indicator
5	7 338 36	With cord outlet
5	7 338 37	With cord outlet + red LED power indicator
		Unswitched
5	7 338 30	Without cord outlet
5	7 338 31	With red LED power indicator
5	7 338 32	With cord outlet
5	7 338 33	With cord outlet + red LED power indicator



GERMAN AND ITALIAN STANDARDS WIRING ACCESSORIES

▶ NEW PRODUCTS

P. 752 to 765
Living Now cover plates

P. 765 to 776
Living Now mechanisms

P. 777 to 779
Living Now boxes, supports and plates

KAPTIKA™ (GERMAN STANDARD)

P. 740
Switches and push-buttons

P. 740
2P socket outlets

P. 741
2P+E socket outlets

P. 741
Telephone and data sockets

P. 741
TV sockets

NILOÉ™ (GERMAN STANDARD)

P. 743
Switches and push-buttons

P. 744
Automatic switches and dimmers

P. 744
Shutter controls, keycard switches and thermostats

P. 745
2P and 2P+E socket outlets

P. 746
Passthrough and terminal TV sockets

P. 747
Star TV sockets

P. 748
USB charging sockets

P. 748
RJ 45 and telephone sockets

P. 749
Plates

LIVING NOW (ITALIAN STANDARD)

P. 766 N
Switches and push-buttons

P. 767 N
Dimmers and motion sensors

P. 768 N
Lighting and signaling

P. 768 N
Roller blinds controls

P. 769 N
Ventilation and heating controls

P. 770 N
International standards socket outlets

P. 772 N
Socket outlets with USB charger

P. 772 N
USB chargers

P. 773 N
TV sockets

P. 774 N
RJ 45, telephone and fiber optic sockets

P. 775 N
USB data socket, audio and video sockets

P. 775 N
Hotel functions

P. 776 N
Bells, buzzers and pilot lamp

P. 776 N
Blanking modules and accesories

P. 778 N
Plates

Kaptika™

flush-mounting switches and socket outlets

7 821 01

7 821 29

7 821 33

7 821 12

Conform to CE directive
Mechanisms supplied complete with cover plates and plates
Screw or claw mounting
2 finishes:
- White RAL R910 - Glossy finish
- Ivory RAL R113 - Glossy finish

Pack	Cat.Nos	Switches 10 AX- 250 V~	
		One-way switches	
20	7 821 00		○ White
20	7 821 30		● Ivory
		Two-way switches	
50	7 821 04		○ White
50	7 821 34		● Ivory
		One-way switches with indicator function	
		Supplied with a green LED 1 mA	
		Connection as a status indicator or locator function	
50	7 821 01		○ White
50	7 821 31		● Ivory
		Double one-way switches	
20	7 821 02		○ White
20	7 821 32		● Ivory
		Double two-way switches	
20	7 821 29		○ White
20	7 821 59		● Ivory
		Double one-way switches with indicator function	
		Supplied with a green LED 1 mA	
		Connection as a status indicator or locator function on one circuit	
50	7 821 03		○ White
50	7 821 33		● Ivory

Pack	Cat.Nos	Push-buttons 6 A - 250 V~	
		Push-buttons	
20	7 821 05		○ White
20	7 821 35		● Ivory
		Illuminated push-buttons	
		Supplied with a green LED - 1 mA	
20	7 821 06		○ White
20	7 821 36		● Ivory
		Push-buttons with "bell" symbol	
20	7 821 07		○ White
20	7 821 37		● Ivory

Pack	Cat.Nos	2P socket outlets 16 A - 250 V~	
		2P	
50	7 821 10		○ White
50	7 821 40		● Ivory
		2P with shutters for child safety	
20	7 821 20		○ White
20	7 821 50		● Ivory
		2 x 2P	
30	7 821 12		○ White
30	7 821 42		● Ivory

Introduction to Kaptika range

Kaptika™

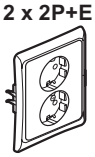
flush-mounting German and French standard socket outlets

7 821 11

7 821 41

7 821 13

Conform to CE directive
Mechanisms supplied complete with cover plates and plates
Screw or claw mounting
2 finishes:
- White RAL R910 - Glossy finish
- Ivory RAL R113 - Glossy finish

Pack	Cat.Nos	German standard socket outlets 16 A - 250 V~	
		2P+E	
20	7 821 11		○ White
20	7 821 41		● Ivory
		2 x 2P+E	
10	7 821 13		○ White
10	7 821 43		● Ivory
		French standard socket outlets 16 A - 250 V~	
		2P+E	
20	7 821 17		○ White
20	7 821 47		● Ivory
		2P+E with shutters for child safety	
20	7 821 27		○ White
20	7 821 57		● Ivory

Kaptika™

flush-mounting telephone, data and TV sockets

7 821 44

7 821 45

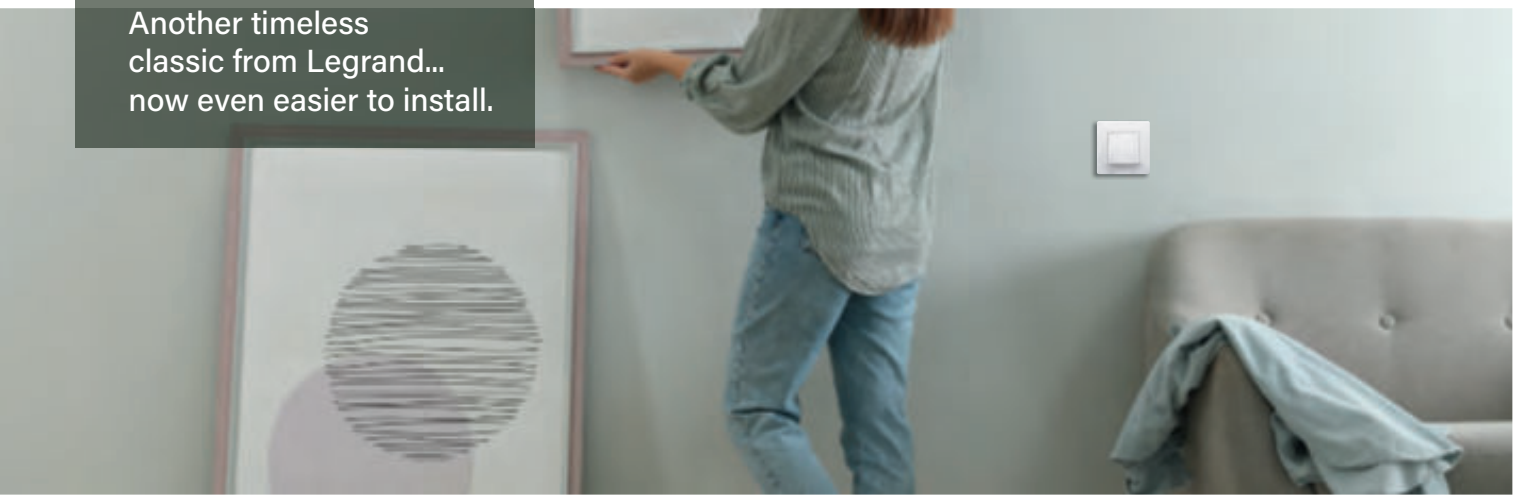
Conform to CE directive
Mechanisms supplied complete with cover plates and plates
Screw or claw mounting
2 finishes:
- White RAL R910 - Glossy finish
- Ivory RAL R113 - Glossy finish

Pack	Cat.Nos	RJ 11 telephone sockets	
		Automatic connection with perforation of the insulating material Supplied with a tool	
20	7 821 14		○ White
20	7 821 44		● Ivory
		RJ 45 UTP cat. 5e sockets	
		Supplied with a tool	
20	7 821 24		○ White
20	7 821 54		● Ivory
		Television sockets	
		Star TV sockets Male connector Ø9.52 mm Supplied with a connector to screw on the cable	
20	7 821 15		○ White
20	7 821 45		● Ivory
		Cable outlets	
		Supplied with cable ties	
50	7 821 16		○ White
50	7 821 46		● Ivory
		Universal flush-mounting boxes	
250	0 313 01		1 gang unit Can be fitted alongside one another Can be used as junction box with cover Cat.No 0 892 81
20	0 892 81		Square cover 80 x 80 mm, for 1 gang box Cat.No 0 313 01

NILOÉ™

Getting it just right

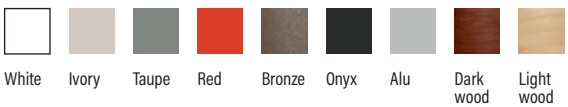
Another timeless classic from Legrand... now even easier to install.



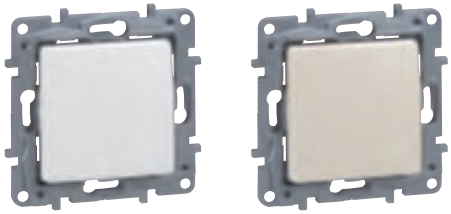
Perfect installation

- Timeless finishes: 9 colours
- Harmonious design for a light and modern look
- White or ivory glossy finish, to dress with a plate in the preferred colour

Plates, see p. 749



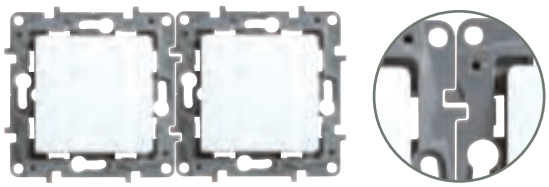
White Ivory Taupe Red Bronze Onyx Alu Dark wood Light wood



Mechanisms, see p. 743 to 748

Easy and cost effective to cut installation steps by half

1 - Fix the device without removing the cover
2 - Fit the plate



Multi-gang installation

PROTECTION COVERS (OPTIONAL)

FLOW PACK

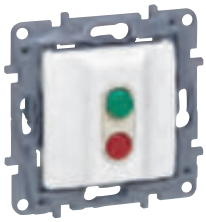
A useful protection to guarantee an excellent work

Niloé™

switches, push-buttons and accessories

7 645 03

7 645 09


7 645 18

7 645 22

Mechanisms supplied with cover plates and support frames in flow-pack
To be equipped with plates (p. 749)
Fixing with screws or claws (supplied)
Automatic or screw terminals

Pack	Cat.Nos	One-way switches - 10 AX - 250 V~
		Can be transformed into lighting function with accessory Cat.No 7 645 21/26 (except for 3-gang switches and switches with single live)
		1-gang
		Automatic terminals
20	7 645 00	○ White
20	7 646 00	● Ivory
		2-gang
		Automatic terminals
20	7 645 06	○ White
20	7 646 06	● Ivory
		3-gang
		Screw terminals
20	7 645 03	○ White
20	7 646 03	● Ivory
		2-gang - with single live
		Automatic terminals
20	7 645 05	○ White
20	7 646 05	● Ivory

Pack	Cat.Nos	Two-way switches 10 AX - 250 V~
		Can be transformed into lighting function with accessory Cat.No 7 645 21/26 (except for IP 44 switch)
		Automatic terminals
		1-gang
20	7 645 01	○ White
20	7 646 01	● Ivory
		2-gang
20	7 645 02	○ White
20	7 646 02	● Ivory

Pack	Cat.Nos	Intermediate switches 10 AX - 250 V~
		Enable you to add a third control point in a two-way switch installation. Automatic terminals
10	7 645 04	○ White
10	7 646 04	● Ivory

Pack	Cat.Nos	Two-way switch 10 AX + push-button 6 A 250 V~
		Automatic terminals
10	7 645 09	○ White
10	7 646 09	● Ivory

Pack	Cat.Nos	Double-pole switches - 16 A - 250 V~
		1-gang
		Automatic terminals
10	7 645 17	○ White
10	7 646 17	● Ivory

Pack	Cat.Nos	Dismatic switches
		Screw terminals
20	7 645 18	○ White - 15 A
20	7 646 18	● Ivory - 15 A
20	7 645 19	○ White - 20 A
20	7 646 19	● Ivory - 20 A

Pack	Cat.Nos	Push-buttons - 6 A - 250 V~
		NO-NC contact push-buttons
		Automatic terminals
		Can be transformed into lighting function with accessory Cat.No 7 645 21/26 (except IP44 switch)
		1-gang
20	7 645 07	○ White
20	7 646 07	● Ivory
		2-gang
20	7 645 08	○ White
20	7 646 08	● Ivory
		1-gang - illuminated
		Supplied with 230 V LED lamp - Cat.No 7 645 21/26
20	7 645 22	○ White
20	7 646 22	● Ivory

Pack	Cat.Nos	Accessories
		LED lamps
		To transform single controls into illuminated ones
10	7 645 21	Indicator LED lamp - 230 V
10	7 645 23	12/24 V
10	7 645 26	Illuminated LED lamp - 230 V low consumption
		Active Power Bleeder
1	0 401 49	Allows 2-wire electronic switches without neutral to be compatible with all loads (LED, fluocompact...)

Niloé™

automatic switches and dimmers

7 645 82A

7 645 88

Mechanisms supplied with cover plates and support frames in flow-pack
To be equipped with plates (p. 749)
Screw terminals
Fixing with screws or claws (supplied)

Pack	Cat.Nos	Motion sensors
		Compatible with any type of lamp IR detection. Detection field 170° Detection range 8 m Time delay setting from 5 s to 30 min Light level threshold setting from 5 to 1275 lux 4 levels of sensitivity setting Reduced depth: 25 mm
		Motion sensor, 2 wires, without neutral Standby consumption: 0.01W Accepted power by lamp type: - LEDs and CFL lamps: 2 to 100 W LED - Halogens, incandescent: 2 to 150 W - LEDs, CFLs, Halogen, fluo tube with ferromagnetic or electronic transformer: 2 to 150 VA If several sensors are installed on the same circuit, the minimum load changes: refer to the technical sheet Possibility to install up to 3 sensors in parallel Additional remote manual control possible with push button, 10 max. Can be associated with a modular time-lag switch (p. 106) Accepted power by lamp type will be power of the modular time-lag switch used Sensor without override
1	7 645 83A	○ White
1	7 646 83A	● Ivory
		Motion sensor, 3 wires, with neutral Standby consumption : 0.015 W Accepted power by lamp type: - LEDs and CFL lamps : 0 to 500 W LED - Compact fluorescent: 0 to 500W - Halogens, incandescent: 0 to 2000 W - LEDs, CFLs, Halogen, fluo tube with ferromagnetic or electronic transformer: 0 to 1000 VA Possibility to install up to 10 sensors in parallel Additional remote manual control possible with push button, 10 max. Master/Slave function available (10 slaves max. for 1 master) Sensor without override
1	7 645 82A	○ White
1	7 646 82A	● Ivory
		Rotary dimmers 300 W - 2-wire
		Equipped with overvoltage and short-circuit protection When switched on, gradually (2 seconds) light up at the level set before last switch-off Can be remotely controlled via non-illuminated push-buttons, with each push-button able to perform the ON/OFF and dimming function Screw terminals For all types of lamps : - dimmable LEDs: 5 to 75 W LED (10 lamps max.) - halogen with ferromagnetic or electronic transformer: 5 to 300 VA - fluorescent tube - ballast: 5 to 300 VA - halogen and incandescent 240 V~ : 5 to 300 W
1	7 645 88	○ White
1	7 646 88	● Ivory

Niloé™

shutter controls, keycard switches and thermostats

7 645 11

Mechanisms supplied with cover plates and support frames in flow-pack
To be equipped with plates (p. 749)
Screw terminals
Fixing with screws or claws (supplied)

Pack	Cat.Nos	Shutter controls
		Switches 3 positions (Raise / Stop / Lower) for direct motor control
10	7 645 11	○ White
10	7 646 11	● Ivory
		Push-buttons
10	7 645 12	○ White
10	7 646 12	● Ivory
		Keycard switches
		To operate the room's electrical circuits Turn off 30 seconds after the card is removed For cards of maximum 54 mm length Supplied without claws, add accessory Cat.No 6 650 99
1	6 647 93	○ White
1	6 648 93	● Ivory
		Electronic room thermostat
		For direct radiant ceiling panels and underfloor heating Adjustment range: from 10 °C to 30 °C Frost protection 7 °C Adjustment precision: 0.5 °C 1 potential free N/O contact Switching capacity: 8 A - 250 V~ - resistive circuit 2 A - 250 V~ - inductive circuit Power supply: 230 V~ 50/60 Hz Adjustable brightness of LEDs Can be associated with a clock for comfort and eco mode
1	7 645 87	○ White
1	7 646 87	● Ivory

Smarther connected thermostat
p. 867

Red catalogue numbers: New products

Niloé™

2P and German standard socket outlets

7 645 29

7 645 44

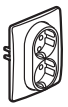
Mechanisms supplied with cover plates and support frames
To be equipped with plates (p. 749)
Fixing with screws or claws (supplied)

Pack	Cat.Nos	2P socket outlets with safety shutters
		Screw terminals
20	7 645 38	○ White
20	7 646 38	● Ivory

Pack	Cat.Nos	German standard socket outlets with safety shutters
		2P+E - screw terminals
20	7 645 29	○ White
20	7 646 29	● Ivory

		2P+E with flap cover - screw terminals
10	7 645 32	○ White
10	7 646 32	● Ivory

		2 x 2P+E - compact - screw terminals
		Supplied complete with plate
		Installation in 1 gang flush-mounting box
		Allow you to replace 1 socket with 2 sockets without changing the flush-mounting box
		Screw-mounting
10	7 645 44	○ White
10	7 646 44	● Ivory



Niloé™

German standard socket outlets and accessories

7 645 39

7 645 34

Mechanisms supplied with cover plates and support frames
To be equipped with plates (p. 749)
Fixing with screws or claws (supplied)

Pack	Cat.Nos	German standard socket outlets without safety shutters
		2P+E - screw terminals
20	7 645 39	○ White
20	7 646 39	● Ivory

		2 x 2P+E compact - screw terminals
		Supplied complete with plate
		Installation in 1 gang flush-mounting box
		Allow you to replace 1 socket with 2 sockets without changing the flush-mounting box
		Screw-mounting
10	7 645 34	○ White
10	7 646 34	● Ivory

Niloé™

accessories

7 646 46

7 645 89

Pack	Cat.Nos	Accessories
		Cable outlets Allow multi-gang installation
20	7 645 46	○ White
20	7 646 46	● Ivory
		Blanking plates
20	7 645 45	○ White
20	7 646 45	● Ivory
		Mosaic adaptor
10	7 645 89	○ White Allows the integration of 2-module Mosaic Programme mechanisms such as buzzers, Wi-Power 1-gang station, skirting lights...

Niloé™

television passthrough and terminal sockets

7 645 57

7 645 64

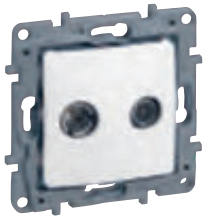
Mechanisms supplied with cover plates and support frames
To be equipped with plates (p. 749)
Fixing with screws or claws (supplied)
Installation in case of maintenance. An amplifier and a line balancing are recommended
TV: male connector (Ø9.5 mm)
R: female connector (Ø9.5 mm)
SAT: "F type" connector
Recommended coaxial cable: 17 VATC
Visual checking of the connection
TV: 5-68 / 120-862 MHz
R: 87.5-108 MHz
SAT: 950-2400 MHz

Pack	Cat.Nos	Passthrough sockets
		Attenuation: -14 dB **TV (male)**
10	7 645 52	○ White
10	7 646 52	● Ivory
		TV-SAT
10	7 645 57	○ White
10	7 646 57	● Ivory
		TV-R-SAT
10	7 645 64	○ White
10	7 646 64	● Ivory

		Terminal sockets
		1 input with 1 resistance cap socket Attenuation: -10 dB **TV (male)**
10	7 645 55	○ White
10	7 646 55	● Ivory
		TV-SAT
10	7 645 58	○ White
10	7 646 58	● Ivory
		TV-R-SAT
10	7 645 65	○ White
10	7 646 65	● Ivory
		TV-R-SAT cover plate 33 mm fixing centers for local adaptation
10	7 645 67	○ White
10	7 646 67	● Ivory

Niloé™

televison star sockets


7 645 59

7 645 63

7 645 66

Mechanisms supplied with cover plates and support frames
To be equipped with plates (p. 749)
Fixing with screws or claws (supplied)
For DVBT, Cablecast and satellite installation
UHD TV compatible
Class A shielded star sockets LTE Ready (4G protected)
Recommended coaxial cable: 17 VATC
Star cabling (1 socket = 1 cable to antenna, splitter or multiswitch)
Visual checking of the connection
Meet EN 50083-4 and EN 50083-2 European directive
Low attenuation: < 1 dB
TV: male connector (Ø9.5 mm)
R: female connector (Ø9.5 mm)
SAT: "F type" connector
TV: 5-68 / 120-862 MHz
R: 87.5-108 MHz
SAT: 950-2400 MHz

Pack	Cat.Nos	Multiple TV star sockets	
		TV-SAT	
		Low attenuation: 1 dB	
10	7 645 59		○ White
10	7 646 59		● Ivory
		TV-R-SAT	
		Low attenuation: 1.5 dB	
10	7 645 63		○ White
10	7 646 63		● Ivory
		TV-R-SAT-SAT	
		Low attenuation: 1.5 dB	
		In 1: TV-R-SAT 1 / In 2: SAT 2	
10	7 645 66		○ White
10	7 646 66		● Ivory

Pack	Cat.Nos	Single TV star sockets	
		Low attenuation: 1 dB	
		TV - 9.5 male	
10	7 645 51		○ White
10	7 646 51		● Ivory
		TV - "F type"	
10	7 645 50		○ White
10	7 646 50		● Ivory
		TV "F-F" feedthrough	
		Supplied with one F plug	
10	7 645 49		○ White
10	7 646 49		● Ivory

Niloé™

televison star sockets

High performance

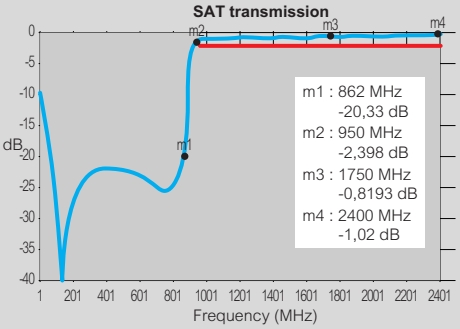
Visualization of connection
Cable holding > 12 kg
Central connection to optimize cable bend radius

Low attenuation (< 1 dB in DVBT and Satellite band)

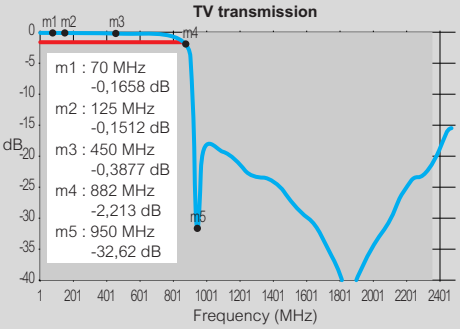
Above requirements of EN 50083-4 standard
Adapted to new UHD TV (Ultra High Definition)
Reduce the needs for amplification

Coupling attenuation

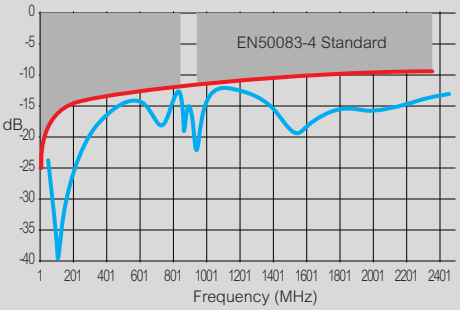
IN✦SAT



IN✦TV



Return loss input



Certification

Class A, LTE protected sockets
LTE protection is required to prevent interference of new signals used by mobile phones (3G/4G/5G signals)
Unwanted signals could cause pixelation, picture break-up and sound disturbance
Legrand uses the PKM Laboratory to certify its TV Class A sockets

Niloé™

USB charging sockets

7 645 94

7 645 97

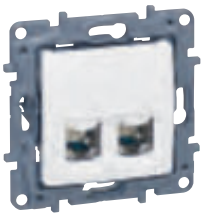
Mechanisms supplied with support frames and cover plates
To be equipped with plates (p. 749)
Fixing with screws or claws (supplied)
For installation in flush-mounting box depth 40 mm minimum
Supplied cordless

Pack	Cat.Nos	
		Double USB Type-A charging sockets 5 V - 3 A - 15 W For recharging portable device Surge protection > 1 kV Consumption in passive mode < 0.06 W Power supply AC/DC efficiency at highest Level (VI) 2x2.5 mm² screw terminals Class II SELV Supplied cordless **Double USB sockets** 2 modules For fast charging smartphones and tablet PC
1	7 645 94	○ White
1	7 646 94	● Ivory
		USB Type-C charging sockets Universal charger for smartphones and fast charging table PC Surge protection > 1 kV Consumption in passive mode < 0.07 W Power supply AC/DC efficiency at highest Level (VI) 2x2.5 mm² screw terminals Class II SELV Supplied cordless 2 modules **Single** 5 V - 1.5 A - 7.5 W
1	7 645 93	○ White
		Double 5 V - 3 A - 15 W
1	7 645 95	○ White
1	7 646 95	● Ivory
		Double USB Type-A / USB Type-C charging sockets 5 V - 3 A - 15 W Surge protection > 1 kV Consumption in passive mode < 0.07 W Power supply AC/DC efficiency at highest Level (VI) 2x2.5 mm² screw terminals Class II SELV Supplied cordless 2 modules For fast charging smartphones and tablet PC
1	7 645 97	○ White
1	7 646 97	● Ivory

Niloé™

RJ 45, telephone and loudspeaker sockets

7 645 75



7 645 76

7 645 70

Mechanisms supplied with support frames and cover plates
To be equipped with plates (p. 749)
Fixing with screws or claws (supplied)

Pack	Cat.Nos	
		Cat.6 sockets
		RJ 45 sockets
10	7 645 77	○ White - FTP
10	7 645 75	○ White - STP
10	7 645 73	○ White - UTP 9-contact
10	7 646 73	● Ivory - UTP 9-contact
		2xRJ 45 sockets
10	7 645 78	○ White - FTP
10	7 645 76	○ White - STP
10	7 645 74	○ White - UTP 9-contact
10	7 646 74	● Ivory - UTP 9-contact
		Cat.5 sockets
		RJ 45 sockets - 360° shielded
10	7 645 71	○ White - UTP
10	7 646 71	● Ivory - UTP
		Telephone sockets
		RJ 11 sockets
10	7 645 69	○ White
10	7 646 69	● Ivory
		RJ 11 + RJ 45 Cat.5 UTP sockets
10	7 645 70	○ White
10	7 646 70	● Ivory
		Double loudspeaker socket
10	7 645 81	○ White

Red catalogue numbers: New products

Niloé™

surface-mounting boxes, protection cover and special plates

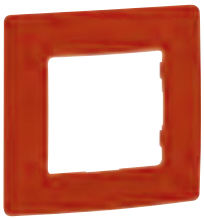
6 647 98

6 650 00

6 650 06

Pack	Cat.Nos	Surface-mounting boxes
		Can be used horizontally or vertically DL PLUS input 20 x 15.5 mm, 32 x 12.5 mm 40 x 20 mm and Ø20 tube
		1-gang Dimensions: 88.5 x 88.5 mm - height 40 mm
10	6 647 98	○ White
10	6 648 98	● Ivory
		2-gang Dimensions: 159.5 x 88.5 mm - height 40 mm
5	6 647 99	○ White
100	6 650 98	**Protection cover** To be clipped onto standard mechanisms You can bend or open it so as to access the mechanism
		Special plates
		1-gang
		IP 44 plate For IP 44 / IK 07 protection of Niloé mechanisms For exceptions: see the technical data sheet Cannot be surface mounted
10	6 650 00	○ White
		Plate with label-holder
10	6 650 06	○ White

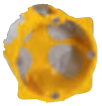
6 650 11



6 650 21

Pack	Cat.Nos	1-gang
20	6 650 01	○ White
20	6 650 11	● Ivory
10	6 650 31	● Taupe
10	6 650 21	● Red
10	3 970 31	● Bronze
10	3 970 51	● Onyx
10	3 970 41	● Aluminium
10	3 970 91	● Dark wood
10	3 970 95	● Light wood
		2-gang
10	6 650 02	○ White
10	6 650 12	● Ivory
10	6 650 32	● Taupe
10	6 650 22	● Red
10	3 970 32	● Bronze
10	3 970 52	● Onyx
10	3 970 42	● Aluminium
10	3 970 92	● Dark wood
10	3 970 96	● Light wood
		3-gang
5	6 650 03	○ White
5	6 650 13	● Ivory
5	6 650 33	● Taupe
5	6 650 23	● Red
10	3 970 33	● Bronze
10	3 970 53	● Onyx
10	3 970 43	● Aluminium
10	3 970 93	● Dark wood
10	3 970 97	● Light wood
		4-gang
1	6 650 04	○ White
1	6 650 14	● Ivory
1	6 650 34	● Taupe
1	6 650 24	● Red
		5-gang
1	6 650 05	○ White
1	6 650 15	● Ivory
1	6 650 35	● Taupe
1	6 650 25	● Red

Batibox boxes
p. 810-813



LIVING NOW

A timeless icon

The minimalist design, with attention to every detail, features a unique and distinctive shape, with perfect surface flatness and alignment between the various switch elements.

State-of-the-art design

Full touch controls: the light can be switched on or off by pressing any point of the surface of the keys. After being pressed, the keys return to their original position, perfectly aligned.

Complete modularity & simple installation

With Living Now you can choose from a wide range of standards and create 2, 3, 4 or 6-module products with the functions of your choice to get the solutions that best suit your projects!

The patented flexible frame, on the back of the plate, masks the defects of the wall works and hides any irregularities of imperfectly laid flush-mounting boxes as well as the external collar in the plasterboard boxes.

A wide range of finishes to blend in with any style of interior design

The Living Now devices feature an aesthetic component, the cover plates. They are available in 3 different colours (White, Sand and Black), with a satin finish surface for a pleasant feel.

Since their functionality is independent of their aesthetics, they can be easily replaced with a simple action!

The Living Now plate range includes **16 finishes made of different materials:** technopolymers, zamak or wood.

TECHNOPOLYMERS - For a beautiful depth effect

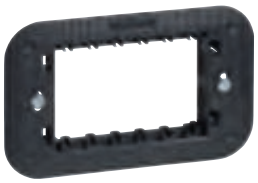
ZAMAK - For sophisticated aesthetic renditions

WOOD - For a more natural effect

Plates selection chart, see p. 778

INSTALLATION EXAMPLE (3 MODULES)

3-module box (also available in 2, 4 or 6-module versions)



3-module support frame (also available in 2, 4 or 6-module versions)

LED lamp (optional)

3 x 1-module mechanisms (also available in 2 or 3-module versions)

3-module plate (also available in 2, 4 or 6-module versions)

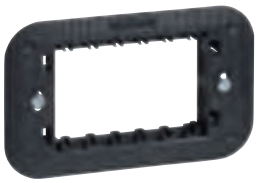
3 x 1-module cover plates (also available in 2 or 3-module versions)

MECHANISMS		COVER PLATES ○ White	COVER PLATES ● Black	COVER PLATES ◌ Sand		Pack
SWITCHES (p. 766)						
1-way switch	BT-K4001	BT-KW01	BT-KG01	BT-KM01		20
2-way switch	BT-K4003					
Intermediate switch	BT-K4004					
Push-button	BT-K4005					
Changeover push-button	BT-K4034					
1-way switch	BT-K4001	BT-KW01 + 2 x BT-K4949	BT-KG01 + 2 x BT-K4949	BT-KM01 + 2 x BT-K4949	(2 modules)	10
2-way switch	BT-K4003					
Intermediate switch	BT-K4004					
Push-button	BT-K4005					
Changeover push-button	BT-K4034					
Pull-cord push-button	○ White BT-KW4033 ● Black BT-KG4033 ◌ Sand BT-KM4033	BT-KW02	BT-KG02	BT-KM02		20
		BT-KW02M2 + 2 x BT-K4949	BT-KG02M2 + 2 x BT-K4949	BT-KM02M2 + 2 x BT-K4949	(2 modules)	10
Double pole switch	○ White BT-KW4002 ● Black BT-KG4002 ◌ Sand BT-KM4002	BT-KW02	BT-KG02	BT-KM02		20
		BT-KW02M2 + 2 x BT-K4949	BT-KG02M2 + 2 x BT-K4949	BT-KM02M2 + 2 x BT-K4949	(2 modules)	10
1-way switch - illuminated or with indicator	BT-K4001 + BT-LN4743/230T	BT-KW01	BT-KG01	BT-KM01		20
2-way switch - illuminated or with indicator	BT-K4003 + BT-LN4743/230T					
Push-button - illuminated or with indicator	BT-K4005 + BT-LN4743/230T					
Changeover push-button - illuminated or with indicator	BT-K4034 + BT-LN4743/230T					
Intermediate switch - illuminated or with indicator - white LED - 250 V~	BT-K4004L					
Intermediate switch - illuminated or with indicator - blue LED - 250 V~	BT-K4004LB					
Intermediate switch - illuminated or with indicator - white LED - 127 V~	BT-K4004V127L					
Intermediate switch - illuminated or with indicator - blue LED - 127 V~	BT-K4004V127LB					

Red catalogue numbers: New products

INSTALLATION EXAMPLE (3 MODULES)

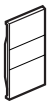
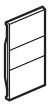
3-module box (also available in 2, 4 or 6-module versions)


3-module support frame (also available in 2, 4 or 6-module versions)

3 x 1-module mechanisms (also available in 2 or 3-module versions)

3-module plate (also available in 2, 4 or 6-module versions)

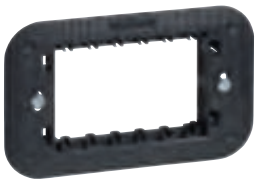
3 x 1-module cover plates (also available in 2 or 3-module versions)

MECHANISMS		COVER PLATES				Pack
		○ White	● Black	◌ Sand		
SWITCHES (CONTINUED) (p. 766)						
1-way switch - illuminated or with indicator	BT-K4001 + BT-LN4743/230T	BT-KW01M2	BT-KG01M2	BT-KM01M2	(2 modules)	10
2-way switch - illuminated or with indicator	BT-KW4003 + BT-LN4743/230T					
Push-button - illuminated or with indicator	BT-KW4005 + BT-LN4743/230T					
Push-button with label-holder and white LED - 250 V~	Supplied with a transparent cover plate	BT-K4040			 (2 modules)	1
Push-button with label-holder and white LED - 12 V~	Supplied with a transparent cover plate	BT-K4040V12			 (2 modules)	1
Double pole switch - illuminated or indicator	○ White ● Black ◌ Sand	BT-KW4002 + BT-LN4743/230T BT-KG4002 + BT-LN4743/230T BT-KM4002 + BT-LN4743/230T	BT-KW02	BT-KG02	BT-KM02		20
			BT-KW02M2 + 2 x BT-K4949	BT-KG02M2 + 2 x BT-K4949	BT-KM02M2 + 2 x BT-K4949	(2 modules)	10
SWITCHES FOR HIGH BRIGHTNESS LED LAMPS (p. 766)						
1-way switch	BT-K4001 + BT-K4743V230T	BT-KW01X	BT-KG01X	BT-KM01X		5
2-way switch	BT-K4003 + BT-K4743V230T					
Intermediate switch	BT-K4004 + BT-K4743V230T					
Push-button	BT-K4005 + BT-K4743V230T					
Changeover push-button	BT-K4034 + BT-K4743V230T					

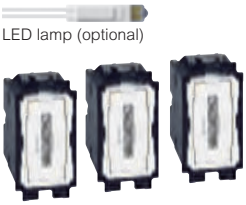
Red catalogue numbers: New products

INSTALLATION EXAMPLE (3 MODULES)

3-module box (also available in 2, 4 or 6-module versions)



3-module support frame (also available in 2, 4 or 6-module versions)

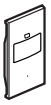


LED lamp (optional)

3 x 1-module mechanisms (also available in 2 or 3-module versions)

3-module plate (also available in 2, 4 or 6-module versions)

3 x 1-module cover plates (also available in 2 or 3-module versions)

MECHANISMS		COVER PLATES				Pack
		○ White	● Black	◌ Sand		
SWITCHES FOR HIGH BRIGHTNESS LED LAMPS (CONTINUED) (p. 766)						
1-way switch	BT-KW4001 + BT-K4743V230T	BT-KW01M2X	BT-KG01M2X	BT-KM01M2X	(2 modules)	5
2-way switch	BT-KW4003 + BT-K4743V230T					5
Push-button	BT-KW4005 + BT-K4743V230T					5
Intermediate switch - illuminated or with indicator - white LED - 250 V~	BT-K4004L + BT-K4743V230T	BT-KW01X	BT-KG01X	BT-KM01X		5
Intermediate switch - illuminated or with indicator - blue LED - 250 V~	BT-K4004LB + BT-K4743V230T					
Intermediate switch - illuminated or with indicator - white LED - 127 V~	BT-K4004V127L + BT-K4743V230T					
Intermediate switch - illuminated or with indicator - blue LED - 127 V~	BT-K4004V127LB + BT-K4743V230T					
DIMMERS & SENSORS (p. 767)						
Universal dimmer without neutral 2-wire	BT-K4411	BT-KW19	BT-KG19	BT-KM19	(2 modules)	10
Dimmer for 0-10 V ballast lamp	BT-K4410					1
3-wire motion sensor without override	BT-K4431	BT-KW16	BT-KG16	BT-KM16		1
2-wire motion sensor with override	BT-K4430	BT-KW17SL	BT-KG17SL	BT-KM17SL	(2 modules)	1
2-wire motion sensor without override	BT-K4430	BT-KW17	BT-KG17	BT-KM17	 (2 modules)	1
3-wire motion sensor without override	BT-K4432					

Red catalogue numbers: New products

Living Now

cover plates selection chart (continued)

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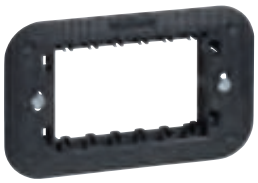
INSTALLATION EXAMPLE (3 MODULES)

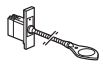
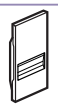
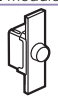
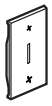
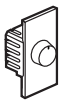
3-module box (also available in 2, 4 or 6-module versions)


3-module support frame (also available in 2, 4 or 6-module versions)

3 x 1-module mechanisms (also available in 2 or 3-module versions)

3-module plate (also available in 2, 4 or 6-module versions)

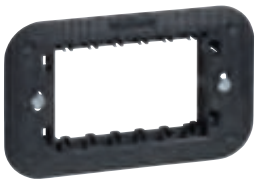
3 x 1-module cover plates (also available in 2 or 3-module versions)

MECHANISMS		COVER PLATES				Pack
		○ White	● Black	◌ Sand		
LIGHTING & SIGNALING (p. 768)						
Reading light	Supplied with a cover plate	BT-KW4362	BT-KG4362	BT-KM4362		1
Step marker - 127/230 V~	BT-K4382	BT-KW71	BT-KG71	BT-KM71	 (2 modules)	5
Step marker - 12/24 V~	BT-K4382V12V24					
Fan controller 110-220 V~	Supplied with a cover plate	BT-KW4018	BT-KG4018	BT-KM4018		1
VENTILATION CONTROLS (p. 769)						
Changeover switch for ventilation control	BT-K4027	BT-KW06M2VMC + 2 x BT-K4949	BT-KG06M2VMC + 2 x BT-K4949	BT-KM06M2VMC + 2 x BT-K4949	 (2 modules)	5
Push-button for ventilation control	BT-K4037N	BT-KW05M2VMC + 2 x BT-K4949	BT-KG05M2VMC + 2 x BT-K4949	BT-KM05M2VMC + 2 x BT-K4949	(2 modules)	5
Fan controller 240 V~	Supplied with a cover plate	BT-KW4017	BT-KG4017	BT-KM4017	 (2 modules)	1
Fan controller 110-220 V~	Supplied with a cover plate	BT-KW4018	BT-KG4018	BT-KM4018		1
ROLLER BLIND CONTROLS (p. 768)						
Roller blind switch for direct control	BT-K4027	BT-KW06	BT-KG06	BT-KM06		10
		BT-KW06M2 + 2 x BT-K4949	BT-KG06M2 + 2 x BT-K4949	BT-KM06M2 + 2 x BT-K4949	(2 modules)	10
Roller blind push-button for direct control	BT-K4037N	BT-KW05	BT-KG05	BT-KM05		10
		BT-KW05M2 + 2 x BT-K4949	BT-KG05M2 + 2 x BT-K4949	BT-KM05M2 + 2 x BT-K4949	(2 modules)	10
HEATING CONTROL (p. 769)						
Electronic thermostat	Supplied with a cover plate	BT-KW4441	BT-KG4441	BT-KM4441	(2 modules)	1

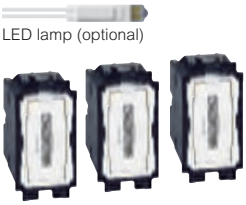
Red catalogue numbers: New products

INSTALLATION EXAMPLE (3 MODULES)

3-module box (also available in 2, 4 or 6-module versions)



3-module support frame (also available in 2, 4 or 6-module versions)



LED lamp (optional)

3 x 1-module mechanisms (also available in 2 or 3-module versions)

3-module plate (also available in 2, 4 or 6-module versions)

3 x 1-module cover plates (also available in 2 or 3-module versions)

MECHANISMS			COVER PLATES					Pack
			○ White	● Black	○ Sand	Specific finishes		
ITALIAN STANDARD SOCKET OUTLETS (p. 770)								
2P+E 10 A	○ White ● Black ○ Sand ● Red	BT-KW4113 BT-KG4113 BT-KM4113 BT-KR4113	BT-KW02	BT-KG02	BT-KM02	BT-KR02 (red)		20
			BT-KW02M2 + 2 x BT-K4949	BT-KG02M2 + 2 x BT-K4949	BT-KM02M2 + 2 x BT-K4949	-	(2 modules)	10
2P+E 16 A	○ White ● Black ○ Sand ● Red	BT-KW4180 BT-KG4180 BT-KM4180 BT-KR4180	BT-KW02	BT-KG02	BT-KM02	BT-KR02 (red)		20
			BT-KW02M2 + 2 x BT-K4949	BT-KG02M2 + 2 x BT-K4949	BT-KM02M2 + 2 x BT-K4949	-	(2 modules)	10
ITALIAN/GERMAN STANDARD SOCKET OUTLETS (p. 770)								
2P+E 16 A 250 V	○ White ● Black ○ Sand ● Red	BT-KW4140A16 BT-KG4140A16 BT-KM4140A16 BT-KR4140A16	BT-KW03	BT-KG03	BT-KM03	BT-KR03 (red)	(2 modules)	20
			BT-KW03M3 + 2 x BT-K4949	BT-KG03M3 + 2 x BT-K4949	BT-KM03M3 + 2 x BT-K4949	-	(3 modules)	10
Flat socket 2P+E 16 A 250 V	○ White ● Black ○ Sand ● Red	BT-KW4140A16F BT-KG4140A16F BT-KM4140A16F BT-KR4140A16F	BT-KW03	BT-KG03	BT-KM03	BT-KR03 (red)	(2 modules)	20
			BT-KW03M3 + 2 x BT-K4949	BT-KG03M3 + 2 x BT-K4949	BT-KM03M3 + 2 x BT-K4949	-	(3 modules)	10
GERMAN STANDARD SOCKET OUTLETS (p. 770)								
2P+E 16 A	○ White ● Black ○ Sand ● Red ● Green	BT-KW4141 BT-KG4141 BT-KM4141 BT-KR4141 BT-KV4141	BT-KW04 or BT-KW04P (with flap)	BT-KG04 or BT-KG04P (with flap)	BT-KM04 or BT-KM04P (with flap)	BT-KR04 (red) BT-KV04 (green)	(2 modules)	10
			BT-KW04M3 + 2 x BT-K4949	BT-KG04M3 + 2 x BT-K4949	BT-KM04M3 + 2 x BT-K4949	-	(3 modules)	5

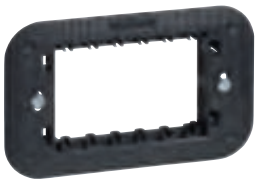
Red catalogue numbers: New products

Living Now

cover plates selection chart (continued)

INSTALLATION EXAMPLE (3 MODULES)

3-module box (also available in 2, 4 or 6-module versions)


3-module support frame (also available in 2, 4 or 6-module versions)

3 x 1-module mechanisms (also available in 2 or 3-module versions)

3-module plate (also available in 2, 4 or 6-module versions)

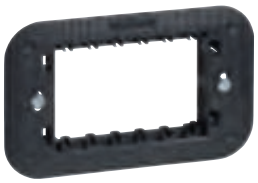
3 x 1-module cover plates (also available in 2 or 3-module versions)

MECHANISMS			COVER PLATES				Pack
			○ White	● Black	◌ Sand		
EUROPEAN/AMERICAN STANDARD SOCKET OUTLETS (p. 770)							
2P 16 A	○ White ● Black ◌ Sand	BT-KW4125 BT-KG4125 BT-KM4125	BT-KW51	BT-KG51	BT-KM51	(2 modules)	10
			BT-KW52 + 2 x BT-K4949	BT-KG52 + 2 x BT-K4949	BT-KM52 + 2 x BT-K4949	(3 modules)	10
2P+E 16 A - universal duplex	○ White ● Black ◌ Sand	BT-KW4126 BT-KG4126 BT-KM4126	BT-KW51	BT-KG51	BT-KM51	(2 modules)	10
			BT-KW52 + 2 x BT-K4949	BT-KG52 + 2 x BT-K4949	BT-KM52 + 2 x BT-K4949	(3 modules)	10
2P+E 15 A	○ White ● Black ◌ Sand	BT-KW4129 BT-KG4129 BT-KM4129	BT-KW51	BT-KG51	BT-KM51	(2 modules)	10
			BT-KW52 + 2 x BT-K4949	BT-KG52 + 2 x BT-K4949	BT-KM52 + 2 x BT-K4949	(3 modules)	10
2 x 2P+E 16 A - universal duplex	○ White ● Black ◌ Sand	BT-KW4185 BT-KG4185 BT-KM4185	BT-KW52	BT-KG52	BT-KM52	(3 modules)	10
2 x 2P+E 15 A - universal duplex	○ White ● Black ◌ Sand	BT-KW4188 BT-KG4188 BT-KM4188	BT-KW52	BT-KG52	BT-KM52	(3 modules)	10
THAI STANDARD SOCKET OUTLETS (p. 771)							
2P+E 16 A	○ White ● Black ◌ Sand	BT-KW4126T BT-KG4126T BT-KM4126T	BT-KW51	BT-KG51	BT-KM51	(2 modules)	10
			BT-KW52 + 2 x BT-K4949	BT-KG52 + 2 x BT-K4949	BT-KM52 + 2 x BT-K4949	(3 modules)	10
2 x 2P+E 16 A	○ White ● Black ◌ Sand	BT-KW4185T BT-KG4185T BT-KM4185T	BT-KW52	BT-KG52	BT-KM52	(3 modules)	10

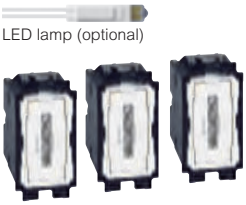
Red catalogue numbers: New products

INSTALLATION EXAMPLE (3 MODULES)

3-module box (also available in 2, 4 or 6-module versions)



3-module support frame (also available in 2, 4 or 6-module versions)

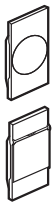
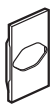
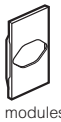


LED lamp (optional)

3 x 1-module mechanisms (also available in 2 or 3-module versions)

3-module plate (also available in 2, 4 or 6-module versions)

3 x 1-module cover plates (also available in 2 or 3-module versions)

MECHANISMS			COVER PLATES				Pack
			○ White	● Black	○ Sand		
MULTISTANDARD SOCKET OUTLET (p. 771)							
2P+E multistandard socket outlet		BT-K4139	BT-KW59	BT-KG59	BT-KM59	(2 modules)	10
ISRAELI STANDARD SOCKET OUTLET (p. 771)							
2P+E 10/16 A	○ White ● Black ○ Sand	BT-KW4183 BT-KG4183 BT-KM4183	BT-KW04 or BT-KW04P (with flap)	BT-KG04 or BT-KG04P (with flap)	BT-KM04 or BT-KM04P (with flap)	 (2 modules)	10
			BT-KW04M3 + 2 x BT-K4949	BT-KG04M3 + 2 x BT-K4949	BT-KM04M3 + 2 x BT-K4949	(3 modules)	5
SWISS STANDARD SOCKET OUTLETS (p. 771)							
2P+E 10 A	○ White ● Black ○ Sand	BT-KW4164T13 BT-KG4164T13 BT-KM4164T13	BT-KW64	BT-KG64	BT-KM64	 (2 modules)	1
2P+E 16 A	○ White ● Black ○ Sand	BT-KW4164T23 BT-KG4164T23 BT-KM4164T23	BT-KW64	BT-KG64	BT-KM64	 (2 modules)	1
BRITISH STANDARD SOCKET OUTLET (p. 771)							
2P+E 13 A		BT-K4150	BT-KW50	BT-KG50	BT-KM50	(2 modules)	1
AMERICAN STANDARD SOCKET OUTLET (p. 770)							
2P+E 15 A	○ White ● Black ○ Sand	BT-KW4188GFG6 BT-KG4188GFG6 BT-KM4188GFG6	BT-KW52	BT-KG52	BT-KM52	(3 modules)	10

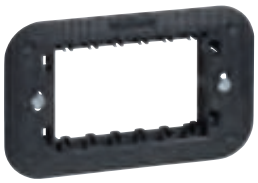
Red catalogue numbers: New products

Living Now

cover plates selection chart (continued)

INSTALLATION EXAMPLE (3 MODULES)

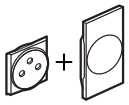
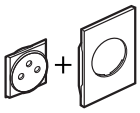
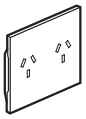
3-module box (also available in 2, 4 or 6-module versions)


3-module support frame (also available in 2, 4 or 6-module versions)

3 x 1-module mechanisms (also available in 2 or 3-module versions)

3-module plate (also available in 2, 4 or 6-module versions)

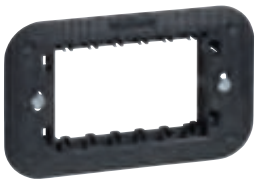
3 x 1-module cover plates (also available in 2 or 3-module versions)

MECHANISMS		COVER PLATES					Pack
		○ White	● Black	◌ Sand	Specific finishes		
FRENCH STANDARD SOCKET OUTLET (p. 771)							
2P+E 16 A	BT-K4142A	BT-KW55F	BT-KG55F	BT-KM55F	BT-KR55F (red) BT-KV55F (green)	 (2 modules)	5
		BT-KW55M3F	BT-KG55M3F	BT-KM55M3F	-	 (3 modules)	1
AUSTRALIAN STANDARD SOCKET OUTLETS (p. 771)							
2P+E 10 A	BT-K4132	BT-KW67	BT-KG67	-	-	(2 modules)	10
2 x 2P+E - 10 A	BT-K4134	BT-KW69	BT-KG69	-	-	 (3 modules)	10
CHINESE STANDARD SOCKET OUTLETS (p. 771)							
2P+E 10 A	BT-K4190N	BT-KW90N	BT-KG90N	BT-KM90N	-		20
2P+E 10 A Chinese standard + 2P+E Euro-US standard	BT-K4189N	BT-KW89N	BT-KG89N	BT-KM89N	-	(2 modules)	10
		BT-KW89S	BT-KG89S	-	-	(2 modules)	10
2P+E 16 A	BT-K4181	BT-KW81	BT-KG81	-	-	(2 modules)	10

Red catalogue numbers: New products

INSTALLATION EXAMPLE (3 MODULES)

3-module box (also available in 2, 4 or 6-module versions)



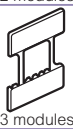
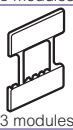
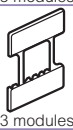
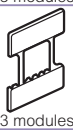
3-module support frame (also available in 2, 4 or 6-module versions)

LED lamp (optional)

3 x 1-module mechanisms (also available in 2 or 3-module versions)

3-module plate (also available in 2, 4 or 6-module versions)

3 x 1-module cover plates (also available in 2 or 3-module versions)

MECHANISMS			COVER PLATES				Pack
			○ White	● Black	◌ Sand		
SOCKET OUTLETS + USB CHARGER (p. 772)							
German standard socket outlet with USB charger Type-C	○ White ● Black ◌ Sand	BT-KW4141USB BT-KG4141USB BT-KM4141USB	BT-KW63	BT-KG63	BT-KM63	(2 modules)	5
French standard socket outlet with USB charger Type-C	○ White ● Black ◌ Sand	BT-KW4142USB BT-KG4142USB BT-KM4142USB	BT-KW62	BT-KG62	BT-KM62	(2 modules)	5
Euro-US standard socket outlet with USB chargers Type-A	○ White ● Black ◌ Sand	BT-KW4185AA BT-KG4185AA BT-KM4185AA	BT-KW52	BT-KG52	BT-KM52	 (3 modules)	10
Euro-US standard socket outlet with USB chargers Type-A / Type-C	○ White ● Black ◌ Sand	BT-KW4185AC BT-KG4185AC BT-KM4185AC	BT-KW52	BT-KG52	BT-KM52	 (3 modules)	10
American standard socket outlet with USB chargers Type-A	○ White ● Black ◌ Sand	BT-KW4188AA BT-KG4188AA BT-KM4188AA	BT-KW52	BT-KG52	BT-KM52	 (3 modules)	10
American standard socket outlet with USB chargers Type-A/Type-C	○ White ● Black ◌ Sand	BT-KW4188AC BT-KG4188AC BT-KM4188AC	BT-KW52	BT-KG52	BT-KM52	 (3 modules)	10
USB CHARGERS (p. 772)							
USB charger with 1 Type-A port 15 W	BT-K4191A		BT-KW11C	BT-KG11C	BT-KM11C		1
USB charger with 2 Type-A ports 15 W	BT-K4191AA		BT-KW13C	BT-KG13C	BT-KM13C		1
USB charger with 1 Type-A and 1 Type-C ports - 15 W	BT-K4191AC		BT-KW13C	BT-KG13C	BT-KM13C		1
USB charger with 2 Type-C ports 15 W	BT-K4191CC		BT-KW13C	BT-KG13C	BT-KM13C		1
USB charger with 1 Type-C port for quick charge Power Delivery - 20 W	BT-K4192C		BT-KW11C	BT-KG11C	BT-KM11C		1
USB charger with 1 Type-C port for quick charge Power Delivery - 30 W	BT-K4288C2		BT-KW12C	BT-KG12C	BT-KM12C	(2 modules)	5
USB charger with 1 Type-C port for quick charge Power Delivery - 45 W	BT-K4294C		BT-KW12C	BT-KG12C	BT-KM12C	(2 modules)	5

Red catalogue numbers: New products

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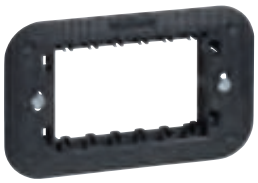
cover plates selection chart (continued)

INSTALLATION EXAMPLE (3 MODULES)

3-module box (also available in 2, 4 or 6-module versions)


3-module support frame (also available in 2, 4 or 6-module versions)

3 x 1-module mechanisms (also available in 2 or 3-module versions)

3-module plate (also available in 2, 4 or 6-module versions)

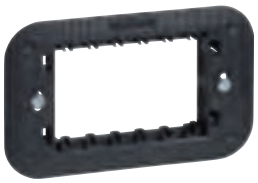
3 x 1-module cover plates (also available in 2 or 3-module versions)

MECHANISMS		COVER PLATES				Pack
		○ White	● Black	◌ Sand		
TV SOCKETS (p. 773)						
Male TV socket	BT-K4202D	BT-KW08	BT-KG08	BT-KM08		10
		BT-KW08M2 + 2 x BT-K4949	BT-KG08M2 + 2 x BT-K4949	BT-KM08M2 + 2 x BT-K4949	(2 modules)	10
Passthrough coaxial socket	BT-K4202P14	BT-KW08	BT-KG08	BT-KM08		10
		BT-KW08M2 + 2 x BT-K4949	BT-KG08M2 + 2 x BT-K4949	BT-KM08M2 + 2 x BT-K4949	(2 modules)	10
Terminal passthrough coaxial socket	BT-K4202P10	BT-KW08	BT-KG08	BT-KM08		10
		BT-KW08M2 + 2 x BT-K4949	BT-KG08M2 + 2 x BT-K4949	BT-KM08M2 + 2 x BT-K4949	(2 modules)	10
TV "F" type socket	BT-K4202F	BT-KW08	BT-KG08	BT-KM08		10
		BT-KW08M2 + 2 x BT-K4949	BT-KG08M2 + 2 x BT-K4949	BT-KM08M2 + 2 x BT-K4949	(2 modules)	10
TV-RD socket for cable operator	BT-4211M2C	BT-KW25M2	BT-KG25M2	BT-KM25M2	(2 modules)	10
Star demixed TV-SAT socket	BT-K4217M2D	BT-KW25M2	BT-KG25M2	BT-KM25M2	(2 modules)	10
Passthrough demixed TV-SAT socket	BT-K4217MP14	BT-KW25M2	BT-KG25M2	BT-KM25M2	(2 modules)	10
Terminal demixed TV-SAT socket	BT-K4217M2P10	BT-KW25M2	BT-KG25M2	BT-KM25M2	(2 modules)	10
TV-R-SAT DAB+ socket	BT-K4210M2D	BT-KW26M2	BT-KG26M2	BT-KM26M2	(2 modules)	10

Red catalogue numbers: New products

INSTALLATION EXAMPLE (3 MODULES)

3-module box (also available in 2, 4 or 6-module versions)



3-module support frame (also available in 2, 4 or 6-module versions)

LED lamp (optional)

3 x 1-module mechanisms (also available in 2 or 3-module versions)

3-module plate (also available in 2, 4 or 6-module versions)

3 x 1-module cover plates (also available in 2 or 3-module versions)

MECHANISMS			COVER PLATES				Pack
			○ White	● Black	◌ Sand		
TV SOCKETS (CONTINUED) (p. 773)							
TV male socket + TV "F" type socket	BT-K4214D		BT-KW09	BT-KG09	BT-KM09		10
	BT-K4214M2D		BT-KW25M2	BT-KG25M2	BT-KM25M2	(2 modules)	10
DATA SOCKETS (p. 774)							
RJ 45 socket Cat.5e UTP	○ White ● Black ◌ Sand	BT-KW4279C5E BT-KG4279C5E BT-KM4279C5E	BT-KW07	BT-KG07	BT-KM07		10
			BT-KW07M2 + 2 x BT-K4949	BT-KG07M2 + 2 x BT-K4949	BT-KM07M2 + 2 x BT-K4949	(2 modules)	10
RJ 45 socket Cat.6 UTP	○ White ● Black ◌ Sand	BT-KW4279C6 BT-KG4279C6 BT-KM4279C6	BT-KW07	BT-KG07	BT-KM07		10
			BT-KW07M2 + 2 x BT-K4949	BT-KG07M2 + 2 x BT-K4949	BT-KM07M2 + 2 x BT-K4949	(2 modules)	10
RJ 45 socket Cat.6 FTP	○ White ● Black ◌ Sand	BT-KW4279C6F BT-KG4279C6F BT-KM4279C6F	BT-KW07	BT-KG07	BT-KM07		10
			BT-KW07M2 + 2 x BT-K4949	BT-KG07M2 + 2 x BT-K4949	BT-KM07M2 + 2 x BT-K4949	(2 modules)	10
RJ 45 socket Cat.6 STP	○ White ● Black ◌ Sand	BT-KW4279C6S BT-KG4279C6S BT-KM4279C6S	BT-KW07	BT-KG07	BT-KM07		10
			BT-KW07M2 + 2 x BT-K4949	BT-KG07M2 + 2 x BT-K4949	BT-KM07M2 + 2 x BT-K4949	(2 modules)	10
RJ 45 socket Cat.6A UTP	○ White ● Black ◌ Sand	BT-KW4279C6A BT-KG4279C6A BT-KM4279C6A	BT-KW07	BT-KG07	BT-KM07		10
			BT-KW07M2 + 2 x BT-K4949	BT-KG07M2 + 2 x BT-K4949	BT-KM07M2 + 2 x BT-K4949	(2 modules)	10

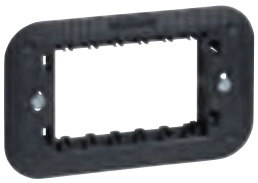
Red catalogue numbers: New products

Living Now

cover plates selection chart (continued)

INSTALLATION EXAMPLE (3 MODULES)

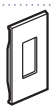
3-module box (also available in 2, 4 or 6-module versions)


3-module support frame (also available in 2, 4 or 6-module versions)

3 x 1-module mechanisms (also available in 2 or 3-module versions)

3-module plate (also available in 2, 4 or 6-module versions)

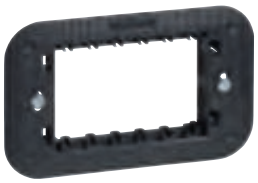
3 x 1-module cover plates (also available in 2 or 3-module versions)

MECHANISMS			COVER PLATES				Pack
			○ White	● Black	◌ Sand		
DATA SOCKETS (CONTINUED) (p. 774)							
RJ 45 socket Cat.6A STP	○ White ● Black ◌ Sand	BT-KW4279C6AS BT-KG4279C6AS BT-KM4279C6AS	BT-KW07	BT-KG07	BT-KM07		10
			BT-KW07M2 + 2 x BT-K4949	BT-KG07M2 + 2 x BT-K4949	BT-KM07M2 + 2 x BT-K4949	 (2 modules)	10
Optical fiber socket	BT-K4268SCA		BT-KW13M2	BT-KG13M2	BT-KM13M2	 (2 modules)	5
RJ 11 SOCKET (p. 774)							
RJ 11 socket for telephonic interconnections	○ White ● Black ◌ Sand	BT-KW4258RJ11 BT-KG4258RJ11 BT-KM4258RJ11	BT-KW07	BT-KG07	BT-KM07		10
			BT-KW07M2 + 2 x BT-K4949	BT-KG07M2 + 2 x BT-K4949	BT-KM07M2 + 2 x BT-K4949	 (2 modules)	10
TELEPHONE SOCKET BRITISH STANDARD (p. 774)							
Telephone socket	BT-K4238		BT-KW20	BT-KG20	BT-KM20		10
KEYSTONE ADAPTOR (p. 774)							
Keystone adaptor	○ White ● Black ◌ Sand	BT-KW07K BT-KG07K BT-KM07K	BT-KW07	BT-KG07	BT-KM07		10
			BT-KW07M2 + 2 x BT-K4949	BT-KG07M2 + 2 x BT-K4949	BT-KM07M2 + 2 x BT-K4949	 (2 modules)	10
USB DATA SOCKET, AUDIO AND VIDEO SOCKETS (p. 775)							
USB data socket - for data transfer	BT-K4285P		BT-KW10P	BT-KG10P	BT-KM10P		10
HDMI Type-A socket	BT-K4284P		BT-KW14	BT-KG14	BT-KM14		5
Loudspeaker socket	○ White ● Black ◌ Sand	BT-KW4294 BT-KG4294 BT-KM4294	BT-KW07	BT-KG07	BT-KM07		10
			BT-KW07M2 + 2 x BT-K4949	BT-KG07M2 + 2 x BT-K4949	BT-KM07M2 + 2 x BT-K4949	 (2 modules)	10

Red catalogue numbers: New products

INSTALLATION EXAMPLE (3 MODULES)

3-module box (also available in 2, 4 or 6-module versions)

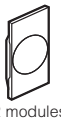


3-module support frame (also available in 2, 4 or 6-module versions)

3 x 1-module mechanisms (also available in 2 or 3-module versions)

3-module plate (also available in 2, 4 or 6-module versions)

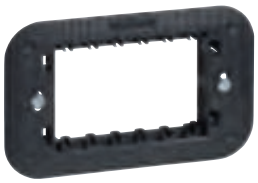
3 x 1-module cover plates (also available in 2 or 3-module versions)

MECHANISMS			COVER PLATES				Pack
			○ White	● Black	◌ Sand		
USB DATA SOCKET, AUDIO AND VIDEO SOCKETS (CONTINUED) (p. 775)							
Female 2 RCA socket	○ White ● Black ◌ Sand	BT-KW4269R BT-KG4269R BT-KM4269R	BT-KW07	BT-KG07	BT-KM07		10
			BT-KW07M2 + 2 x BT-K4949	BT-KG07M2 + 2 x BT-K4949	BT-KM07M2 + 2 x BT-K4949	 (2 modules)	10
BELLS AND BUZZERS (p. 776)							
Bell 230V 12VA	BT-K4351V230		BT-KW15	BT-KG15	BT-KM15		10
Bell 127V 12VA	BT-K4351V127						
Bell 12V 8VA	BT-K4351V12						
Electronic bell	BT-K4355V12		BT-KW15M2	BT-KG15M2	BT-KM15M2	 (2 modules)	10
Buzzer 230V 12VA	BT-4356V230		BT-KW15	BT-KG15	BT-KM15		10
Buzzer 127V 12VA	BT-4356V127						
Buzzer 12V 12VA	BT-4356V12						
PILOT LAMP (p. 776)							
Lampholder for pilot lamp	BT-K4371 + BT-K4743V230 or BT-K4743V230R		BT-KW08 (1 luminous signal) or BT-KW09 (2 luminous signals)	BT-KG08 (1 luminous signal) or BT-KG09 (2 luminous signals)	BT-KM08 (1 luminous signal) or BT-KM09 (2 luminous signals)		10
TORCH AND SAFETY LED LAMP (p. 768)							
Torch	BT-K4380		BT-KW04	BT-KG04	BT-KM04	 (2 modules)	10
Safety LED lamp	BT-K4381		BT-KW02	BT-KG02	BT-KM02		20
BLANKING MODULES (p. 776)							
Blanking module 1 module	BT-K4950		BT-KW00	BT-KG00	BT-KM00		20
Blanking module 2 modules	2 x BT-K4950		BT-KW00M2	BT-KG00M2	BT-KM00M2	 (2 modules)	10
Blanking module 1 module with output Ø9 mm	BT-K4953		BT-KW08	BT-KG08	BT-KM08		10

Red catalogue numbers: New products

INSTALLATION EXAMPLE (3 MODULES)

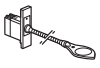
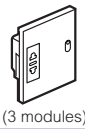
3-module box (also available in 2, 4 or 6-module versions)


3-module support frame (also available in 2, 4 or 6-module versions)

3 x 1-module mechanisms (also available in 2 or 3-module versions)

3-module plate (also available in 2, 4 or 6-module versions)

3 x 1-module cover plates (also available in 2 or 3-module versions)

MECHANISMS		COVER PLATES				Pack
		○ White	● Black	◌ Sand		
FUNCTIONS FOR HOTEL ROOM (p. 775)						
Key card switch	BT-K4549	BT-KW22M2	BT-KG22M2	BT-KM22M2	(3 modules)	5
		BT-KW22 + 2 x BT-K4949	BT-KG22 + 2 x BT-K4949	BT-KM22 + 2 x BT-K4949	(3 modules)	5
Key card switch with RFID technology recognition	BT-K4548	BT-KW22M2	BT-KG22M2	BT-KM22M2	(3 modules)	5
		BT-KW22 + 2 x BT-K4949	BT-KG22 + 2 x BT-K4949	BT-KM22 + 2 x BT-K4949	(3 modules)	5
Hotel bedroom indicator for corridor	BT-K4373 Supplied with lamp Cat.No BT-K4743V230RG	BT-KW11H	BT-KG11H	BT-KM11H		5
Hotel bedroom indicator - internal control unit - 250 V~	BT-K4027H	BT-KW06H	BT-KG06H	BT-KM06H		5
Hotel bedroom indicator - internal control unit - 127 V~	BT-K4027V127H	BT-KW06H	BT-KG06H	BT-KM06H		5
Reading light	Supplied with a cover plate	BT-KW4362	BT-KG4362	BT-KM4362		1
Shaver socket	Supplied with a cover plate	BT-KW4177	BT-KG4177	BT-KM4177	 (3 modules)	1

BT-K4001

BT-K4040

BT-KG4002

BT-K4004

BT-K4004LB

Cover plates selection chart **p. 752**
Plates selection chart **p. 778**

To be equipped with a support frame, a cover plate and a plate

1-way and 2-way switches - 10 A 250 V~

Can be equipped with white LED lamp Cat.No BT-LN4743/230T or blue LED lamp Cat.No BT-H4743/230B (p. 776) for illuminated or indicator function
For higher brightness, use LED lamp Cat.No BT-K4743V230T (p. 776)
Can be equipped with a 2-module cover plate by associating the mechanisms with 2 half-modules Cat.No BT-K4949 (p. 776)

Pack	Cat.Nos	
		1-way switch 1 module
10	BT-K4001	
		2-way switch 1 module
10	BT-K4003	

Push-buttons - 10 A - 250 V~

Pack	Cat.Nos	
		Changeover push-button - NO/NC contact 1 module Can be equipped with white LED lamp Cat.No BT-LN4743/230T or blue LED lamp Cat.No BT-H4743/230B (p. 776) for illuminated or indicator function. For higher brightness, use LED lamp Cat.No BT-K4743V230T (p. 776) Can be equipped with a 2-module cover plate by associating the mechanisms with 2 half-modules Cat.No BT-K4949 (p. 776)
10	BT-K4034	
		Push-button - NO contact Can be equipped with white LED lamp Cat.No BT-LN4743/230T or blue LED lamp Cat.No BT-H4743/230B (p. 776) for illuminated or indicator function. For higher brightness, use LED lamp Cat.No BT-K4743V230T (p. 776) Can be equipped with a 2-module cover plate by associating the mechanisms with 2 half-modules Cat.No BT-K4949 (p. 776)
10	BT-K4005	
		Push-buttons with label-holder 2 modules Supplied with a transparent cover plate Equipped with white LED lamp for illuminated function
1	BT-K4040	250 V~
1	BT-K4040V12	12 V~

Push-buttons - 10 A - 250 V~ (continued)

Pack	Cat.Nos	
		Pull-cord push-button 1 module Can be equipped with a 2-module cover plate by associating the mechanism with 2 half-modules Cat.No BT-K4949 (p. 776)
1	BT-KW4033	○ White
1	BT-KG4033	● Black
1	BT-KM4033	● Sand

Double pole switch - 16 AX

1 module
Can be equipped with white LED lamp Cat.No BT-LN4743/230T or blue LED lamp Cat.No BT-H4743/230B (p. 776) for illuminated or indicator function
Can be equipped with a 2-module cover plate by associating the mechanism with 2 half-modules Cat.No BT-K4949 (p. 776)

Pack	Cat.Nos	
10	BT-KW4002	○ White
10	BT-KG4002	● Black
10	BT-KM4002	● Sand

Intermediate switches - 10 A

1 module
For higher brightness, use LED lamp Cat.No BT-K4743V230T (p. 776)
Can be equipped with a 2-module cover plate by associating the mechanism with 2 half-modules Cat.No BT-K4949 (p. 776)

Pack	Cat.Nos	
10	BT-K4004	Intermediate switch
10	BT-K4004L	Intermediate switch with white LED lamp - 250 V~
10	BT-K4004LB	Intermediate switch with blue LED lamp - 250 V~
10	BT-K4004V127L	Intermediate switch with white LED lamp - 127 V~
10	BT-K4004V127LB	Intermediate switch with blue LED lamp - 127 V~

Red catalogue numbers: New products

Living Now

switches and push-buttons (continued)

BT-KW01A

BT-KG01M2D

BT-KM01F

Pack	Cat.Nos	Additional cover plates with symbols
		2-module cover plates can be mounted on a 1-module mechanism by associating the mechanism with 2 half-modules Cat.No BT-K4949 (p. 776) With transparent symbol allowing the backlighting of the function on the cover plate
		With light symbol - 1 module
10	BT-KW01A	○ White
10	BT-KG01A	● Black
10	BT-KM01A	◌ Sand
		With light symbol - 2 modules
10	BT-KW01M2A	○ White
10	BT-KG01M2A	● Black
10	BT-KM01M2A	◌ Sand
		With bell symbol - 1 module
10	BT-KW01D	○ White
10	BT-KG01D	● Black
10	BT-KM01D	◌ Sand
		With bell symbol - 2 modules
5	BT-KW01M2D	○ White
5	BT-KG01M2D	● Black
5	BT-KM01M2D	◌ Sand
		With key symbol - 1 module
10	BT-KW01F	○ White
10	BT-KG01F	● Black
10	BT-KM01F	◌ Sand
		With key symbol - 2 modules
5	BT-KW01M2F	○ White
5	BT-KG01M2F	● Black
5	BT-KM01M2F	◌ Sand

Living Now

dimmers and motion sensors

BT-K4411

BT-K4430

BT-K4431

Cover plates selection chart **p. 754**
Plates selection chart **p. 778**

To be equipped with a support frame, a cover plate and a plate

Pack	Cat.Nos	Dimmer push-button
		Can be remotely controlled via non-illuminated push-buttons, with each push-button able to perform the dimming function. When switched on, lightens at the level set before last switched off
1	BT-K4411	**Universal dimmer without neutral, 2-wire** 2 modules. For all types of lamps: - dimmable LEDs: 3 W to 75 W (10 lamps max.) - dimmable compact fluorescent lamps: 3 W to 75 W (10 lamps max.) - halogen with ferromagnetic or electronic transformer: 3 VA to 400 VA - fluorescent tube - ballast: 3 VA to 200 VA - halogen and incandescent: 3 W to 400 W Functionning: - dimming function - pre-set level mode (0%, 33%, 66% and 100%) - nightlight mode (dimming down of the lamp for 1 hour)
		Dimmer switch with neutral, for 0-10 V ballast
1	BT-K4410	2 modules For lamps with 0-10 V ballast Maximum loads: 20 VA to 600 VA
		Motion sensors
		IR detection. Compatible with all types of lamps Detection field: 120°. Detection range: 8 m
1	BT-K4430	**2-wire motion sensor, without neutral** 2 modules. Accepted power by lamp type: - LEDs and compact fluorescent: 3 to 100 W - LEDs, CFLs, halogen, fluo tubes with ferromagnetic or electronic transformer: 3 to 250 VA - Halogen 230 V, incandescent: 3 to 250 W If several sensors are installed on the same circuit, the minimum load changes; refer to technical sheet Possibility to install up to 3 sensors in parallel Time delay setting from 10 s to 10 min. Light level threshold setting from 5 lux to 1275 lux. Standby consumption: 0.02 W. Can be used with or without override depending on the cover plate selected
1	BT-K4432	**3-wire motion sensors, with neutral, without override** 2 modules. Accepted power by lamp type: - LEDs and compact fluorescent: 0 to 50 W - LEDs, CFLs, halogen with ferromagnetic or electronic transformer: 0 to 200 VA - Fluo tubes with ferromagnetic or electronic transformer: 0 to 150 VA - Halogen 230 V, incandescent: 0 to 400 W Only 1 sensor per circuit. Time delay setting from 10 s to 10 min. Light level threshold setting from 5 lux to 1275 lux. Standby consumption: 0.55 W
1	BT-K4431	1 module. Accepted power by lamp type: - LEDs and compact fluorescent: 0.5 to 50 W - LEDs, CFLs, halogen with ferromagnetic or electronic transformer: 2 to 460 VA - Fluo tubes with ferromagnetic or electronic transformer: 2 to 460 VA - Halogen 230 V, incandescent: 2 to 460 W Only 1 sensor per circuit. Time delay setting from 30 s to 10 min

Red catalogue numbers: New products

BT-KM4362

BT-K4380

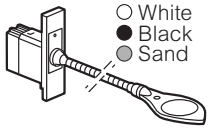
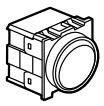
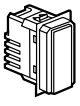
BT-K4382

BT-K4027

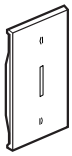
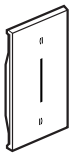
BT-K4037N

Cover plates selection chart **p. 755-764**
Plates selection chart **p. 778**

To be equipped with a support frame, a cover plate and a plate

Pack	Cat.Nos	
		Reading light
		Fitted with maintenance-free LEDs LED colours: 3000 K (neutral white) 230 V power supply - energy Class A Screw terminals For installation in the bedhead Offers directional lighting (on/off and dimming) Equipped with a flexible cable so the head can swivel Built-in dimmer Consumption: 3.3 W Luminous flux 110 lumen (equivalent to 15 W incandescent) Service life 40000 hours 1 module For installation in flush-mounting box
1	BT-KW4362	○ White
1	BT-KG4362	● Black
1	BT-KM4362	◌ Sand
		
		Torch and safety LED lamp
		Removable and rechargeable torch
1	BT-K4380	 Lights up automatically when there is a power cut Push&pull pull-out system complete with recharge base White LED light with high luminous efficiency On/off switch and Spot push-button to increase the brightness when necessary Interchangeable Ni-MH batteries without "memory" effect - 2-hour service life Standby consumption: 0.4 W 230 V~ power supply 2 modules
1	BT-4380NB	Spare batteries for removable torch
		LED safety lamp
1	BT-K4381	 With automatic operation when there is a power cut 230 VA 50/60 Hz Power consumption: 2.5 VA (0.1 W) Rechargeable non-replaceable NiMH 3.6 V 140 mAh battery - complete charge in 48 hours - 2-hour service life Maximum cable section 1 x 1.5 mm² Light intensity: 2400 mcd 1 module
		Step marker lamps
		2 modules Fitted with maintenance-free LEDs LED colours: 3000 K (neutral white) Energy Class A On/off switch - 0.15/0.5 W Screw terminals. For installation in flush-mounting box
10	BT-K4382	127/230 V~ power supply
10	BT-K4382V12V24	12/24 V~ power supply

Cover plates selection chart **p. 755**
Plates selection chart **p. 778**

Pack	Cat.Nos	
		Roller blind controls 6 A - 250 V~
		To be equipped with a support frame, a cover plate and a plate
		Switch
		For direct control of blind, awning or canopy motor
10	BT-K4027	1 module Can be equipped with a 2-module cover plate by associating the mechanism with 2 half-modules Cat.No BT-K4949 (p. 776)
		Push-button
		For direct control of roller blinds
10	BT-K4037N	1 module Can be equipped with a 2-module cover plate by associating the mechanism with 2 half-modules Cat.No BT-K4949 (p. 776)
		Additional cover plates for roller blind control Cat.No BT-K4027
		For vertical installation - 1 module
5	BT-KW06V	○ White
5	BT-KG06V	● Black
5	BT-KM06V	◌ Sand
		For vertical installation - 2 modules
5	BT-KW06M2V	○ White
5	BT-KG06M2V	● Black
5	BT-KM06M2V	◌ Sand
		
		Additional cover plates for roller blind control Cat.No BT-K4037N
		For vertical installation - 1 module
5	BT-KW05V	○ White
5	BT-KG05V	● Black
5	BT-KM05V	◌ Sand
		For vertical installation - 2 modules
5	BT-KW05M2V	○ White
5	BT-KG05M2V	● Black
5	BT-KM05M2V	◌ Sand
		

Red catalogue numbers: New products

Living Now

ventilation and heating controls

BT-K4027

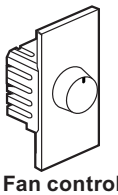
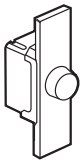
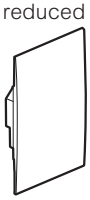
BT-K4037N

BT-KW4017

BT-KG4441

Cover plates selection chart **p. 755**
Plates selection chart **p. 778**

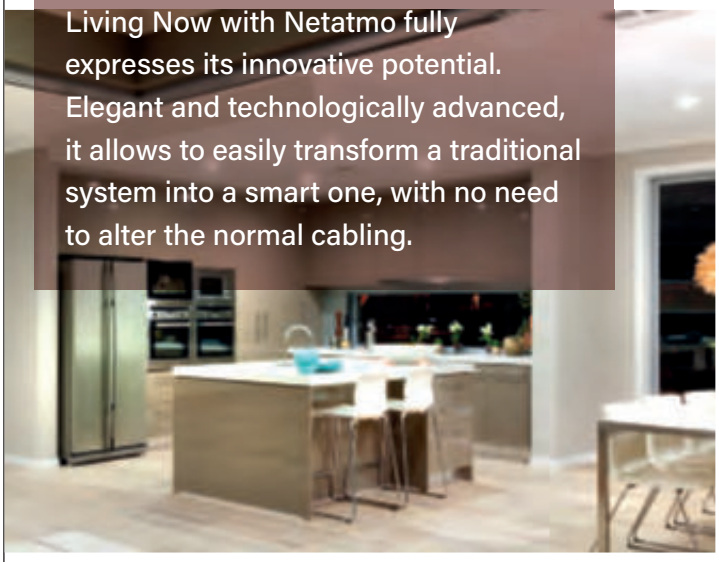
To be equipped with a support frame, a cover plate and a plate

Pack	Cat.Nos	
		Ventilation controls
10	BT-K4027	**Switch** For direct control of a controlled mechanical ventilation 1 module. Can be equipped with a 2-module cover plate by associating the mechanism with 2 half-modules Cat.No BT-K4949 (p. 776)
10	BT-K4037N	**Push-button** 2-position push-button Allow the opening and closing of humidity vents 1 module. Can be equipped with a 2-module cover plate by associating the mechanism with 2 half-modules Cat.No BT-K4949 (p. 776)
		Fan controllers
1 1 1	BT-KW4017 BT-KG4017 BT-KM4017	**Fan controller 240 V~ - 100 W - 50Hz** 2 modules  ○ White ● Black ● Sand
1 1 1	BT-KW4018 BT-KG4018 BT-KM4018	**Fan controller 110-220 V~ - 15-160 V~ - 50-60 Hz** 1 module  ○ White ● Black ● Sand
		Electronic room thermostat
1 1 1	BT-KW4441 BT-KG4441 BT-KM4441	230 V~ power supply. 2 modules Flush-mounted thermostat with backlit screen for room temperature display with +/- button for manual adjustment Allows to control the temperature of a zone Equipped with a sensor and an input for the connection of a 5 A contact The buttons allow: - temperature setting - activation and deactivation of heating - display of temperature and mode In standby, the brightness is automatically reduced  ○ White ● Black ● Sand

LIVING NOW WITH NETATMO

Simple & unique solutions for a connected home

Living Now with Netatmo fully expresses its innovative potential. Elegant and technologically advanced, it allows to easily transform a traditional system into a smart one, with no need to alter the normal cabling.



One offer, many advantages

With the Living Now with Netatmo offer, your client can:
- control lights
- control and centralise electric roller blinds/shutters
- control electrical appliances
- view and manage current consumption

Swipe, talk or touch!

All functions can be controlled:
- via a smartphone (with the Home + Control App),
- by voice using a voice assistant
- manually (by direct action on the controls) !

Swipe **Talk** **Touch**

Home + Control

Please, consult us for more information

Red catalogue numbers: New products

BT-KW4113

BT-KG4140A16F

BT-KM4141

BT-KM4126

BT-KW4188GFG6

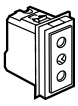
Cover plates selection chart **p. 756-757 and 758**
Plates selection chart **p. 778**

To be equipped with a support frame, a cover plate and a plate
Shuttered for child safety

Italian standard socket outlets 10/16 A - 250 V~

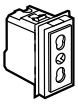
Conform to IEC 60884-1 and IEC 23-50 standards. 1 module. Can be equipped with a 2-module cover plate by associating the mechanism with 2 half-modules
Cat.No BT-K4949 (p. 776)

2P+E - 10 A



Pack	Cat.Nos	
10	BT-KW4113	○ White
10	BT-KG4113	● Black
10	BT-KM4113	○ Sand

2P+E - 16 A

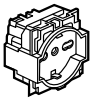


Pack	Cat.Nos	
10	BT-KW4180	○ White
10	BT-KG4180	● Black
10	BT-KM4180	○ Sand

Italian/German standard socket outlets - 16 A - 250 V~

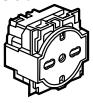
Conform to IEC 60884-1 and VDE 620-1 standards. Suitable for Italian standard 2P, 2 P+E 10/16 A and 2P+E 16A socket outlets, and German standard 2P+E 16 A socket outlets
2 modules. Can be equipped with a 3-module cover plate by associating the mechanism with 2 half-modules
Cat.No BT-K4949 (p. 776)

2P+E



Pack	Cat.Nos	
10	BT-KW4140A16	○ White
10	BT-KG4140A16	● Black
10	BT-KM4140A16	○ Sand
10	BT-KR4140A16	● Red

2P+E - flat socket outlet
When the plug is inserted, the socket surface slides inside the casing; it returns to its initial position when the plug is taken out

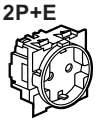


Pack	Cat.Nos	
10	BT-KW4140A16F	○ White
10	BT-KG4140A16F	● Black
10	BT-KM4140A16F	○ Sand
10	BT-KR4140A16	● Red

German standard socket outlet 16 A - 250 V~

Conform to IEC 60884-1 and VDE 620-1 standards. 2 modules. Can be equipped with a 3-module cover plate by associating the mechanism with 2 half-modules
Cat.No BT-K4949 (p. 776)

2P+E



Pack	Cat.Nos	
10	BT-KW4141	○ White
10	BT-KG4141	● Black
10	BT-KM4141	○ Sand
10	BT-KR4141	● Red
10	BT-KV4141	● Green

Euro-US standard socket outlets 15/16 A - 127/250 V~

Conform to IEC 60884-1 and NEMA WD-6 standards

2P - 16 A
2 modules. Can be equipped with a 3-module cover plate by associating the mechanism with 2 half-modules
Cat.No BT-K4949 (p. 776)

Pack	Cat.Nos	
10	BT-KW4125	○ White
10	BT-KG4125	● Black
10	BT-KM4125	○ Sand

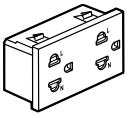
2P+E - 16 A
2 modules. Can be equipped with a 3-module cover plate by associating the mechanism with 2 half-modules
Cat.No BT-K4949 (p. 776)

Pack	Cat.Nos	
10	BT-KW4126	○ White
10	BT-KG4126	● Black
10	BT-KM4126	○ Sand

2P+E - 15 A
2 modules. Can be equipped with a 3-module cover plate by associating the mechanism with 2 half-modules
Cat.No BT-K4949 (p. 776)

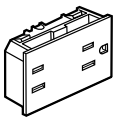
Pack	Cat.Nos	
10	BT-KW4129	○ White
10	BT-KG4129	● Black
10	BT-KM4129	○ Sand

2 x 2P+E - 16 A
3 modules



Pack	Cat.Nos	
5	BT-KW4185	○ White
5	BT-KG4185	● Black
5	BT-KM4185	○ Sand

2 x 2P+E - 15 A
3 modules

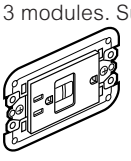


Pack	Cat.Nos	
5	BT-KW4188	○ White
5	BT-KG4188	● Black
5	BT-KM4188	○ Sand

American standard socket outlet 15 A - 127 V~

Conform to IEC 60884-1 and NEMA WD-6 standards

2P+E
3 modules. Supplied with a support frame



Pack	Cat.Nos	
1	BT-KW4188GFG6	○ White
1	BT-KG4188GFG6	● Black
1	BT-KM4188GFG6	○ Sand

Red catalogue numbers: New products

Living Now

international socket outlets (continued)

BT-KW4126T

BT-K4139

BT-KW4183

BT-KW4164T13

BT-K4150

BT-K4132

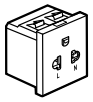
Cover plates selection chart **p. 757 to 759**
Plates selection chart **p. 778**

To be equipped with a support frame, a cover plate and a plate
Shuttered for child safety

Thai standard socket outlets - 16 A 127/250 V~

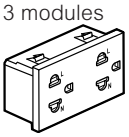
Conform to IEC 60884-1 and TIS 2162-2556 standards

2P+E
2 modules. Can be equipped with a 3-module cover plate by associating the mechanism with 2 half-modules
Cat.No BT-K4949 (p. 776)



Pack	Cat.Nos	
10	BT-KW4126T	○ White
10	BT-KG4126T	● Black
10	BT-KM4126T	● Sand

2 x 2P+E
3 modules



Pack	Cat.Nos	
5	BT-KW4185T	○ White
5	BT-KG4185T	● Black
5	BT-KM4185T	● Sand

Multistandard socket outlet - 15 A 127 V~

2P+E

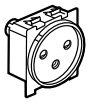
2 modules
Conform to IEC 60884-1 AS/FAR/AS Applicables standards

Pack	Cat.Nos
10	BT-K4139

Israeli standard socket outlet 10/16 A - 250 V~

Conform to IEC 60884-1 and SI 32 part. 1.1 standards

2P+E
2 modules. Can be equipped with a 3-module cover plate by associating the mechanism with 2 half-modules
Cat.No BT-K4949 (p. 776)



Pack	Cat.Nos	
10	BT-KW4183	○ White
10	BT-KG4183	● Black
10	BT-KM4183	● Sand

Swiss standard socket outlets 10/16 A - 250 V~

Conform to IEC 60884-1 and SEV 1011 standards
2 modules

2P+E - 10 A

Pack	Cat.Nos	
10	BT-KW4164T13	○ White
10	BT-KG4164T13	● Black
10	BT-KM4164T13	● Sand

2P+E - 16 A

Pack	Cat.Nos	
10	BT-KW4164T23	○ White
10	BT-KG4164T23	● Black
10	BT-KM4164T23	● Sand

British standard socket outlet - 13 A 250 V~

Conform to IEC 60884-1 and BS 1363-2 standards

2P+E

Pack	Cat.Nos	
10	BT-K4150	2 modules

French standard socket outlet - 16 A 250 V~

Conform to IEC 60884-1 and NFC 61-314 standards

2P+E

Pack	Cat.Nos	
10	BT-K4142A	2 modules Can be equipped with a 3-module cover plate by associating the mechanism with 2 half-modules Cat.No BT-K4949 (p. 776)

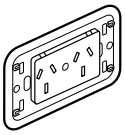
Australian standard socket outlets 10 A - 250 V~

Conform to IEC 60884-1 and ANZS 3112 standards

2P+E

Pack	Cat.Nos	
10	BT-K4132	2 modules

2 x 2P+E



Pack	Cat.Nos	
1	BT-K4134	3 modules

Chinese standard socket outlets 10/16 A - 127/250 V~

Conform to IEC 60884-1 and GB 1002 standards

2P+E - 10 A

Pack	Cat.Nos	
10	BT-K4190N	1 module

Pack	Cat.Nos	
10	BT-K4189N	2 modules 2P+E Chinese standard socket outlet + 2P 16 A Euro-US standard socket outlet

2P+E - 16 A

Pack	Cat.Nos	
10	BT-K4181	2 modules

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socket outlets with USB charger

BT-KW4141USB

Cover plates selection chart **p. 760**
Plates selection chart **p. 778**

To be equipped with a support frame, a cover plate and a plate
Socket outlets: shuttered for child safety

Pack	Cat.Nos	
		Socket outlets 16 A - 250 V~ + USB Type-C charger Conform to IEC 60884-3-1 and ETSI EN 301489-34 standards. For plugging and/or quick charging of devices USB Type-C charger, 1.5 A - 5 V - 7.5 W Automatic terminals, screw fixing Self-protected against power surges 2 modules. Supplied with a support frame
		2P+E German standard socket outlet
1	BT-KW4141USB	○ White
1	BT-KG4141USB	● Black
1	BT-KM4141USB	● Sand
		2P+E French standard socket outlet
1	BT-KW4142USB	○ White
1	BT-KG4142USB	● Black
1	BT-KM4142USB	● Sand
		Socket outlets 15 A/16 A - 127/250 V~ + USB Type-A chargers Conform to IEC 60884-3-1 and NEMA WD-6 standards For plugging and/or quick charging of devices 2 x USB Type-A charger, 3 A 5 V - 15 W. 3 modules
		2P+E Euro-US standard socket outlet 16 A
1	BT-KW4185AA	○ White
1	BT-KG4185AA	● Black
1	BT-KM4185AA	● Sand
		2P+E American standard socket outlet 15 A When the plug is inserted, the socket surface slides inside the casing; it returns to its initial position when the plug is taken out
1	BT-KW4188AA	○ White
1	BT-KG4188AA	● Black
1	BT-KM4188AA	● Sand
		Socket outlets 15 A/16 A - 127/250 V~ + USB Type-A and USB Type-C chargers Conform to IEC 60884-3-1 and NEMA WD-6 standards For plugging and/or quick charging of devices 1 USB Type-A charger and 1 USB Type-C charger, 3 A - 5 V - 15 W. 3 modules
		2P+E Euro-US standard socket outlet - 16 A
1	BT-KW4185AC	○ White
1	BT-KG4185AC	● Black
1	BT-KM4185AC	● Sand
		2P+E American standard socket outlet - 15 A
1	BT-KW4188AC	○ White
1	BT-KG4188AC	● Black
1	BT-KM4188AC	● Sand

Living Now

USB chargers

BT-K4288C2

BT-K4191CC

BT-K4191AC

Cover plates selection chart **p. 760**
Plates selection chart **p. 778**

To be equipped with a support frame, a cover plate and a plate
Conform to IEC 62368-1 (Safety) and ETSI EN 301489-34 standards

Pack	Cat.Nos	
		USB chargers Type-C - Power Delivery Conform to IEC 62368-1 standards For quick charging of devices such as smartphones, tablet PCs and Powerbanks Standby consumption: < 0.07 W - 230 V - 5 V⎓
		1 USB - Type-C - 3 A / 20 W Power Delivery
1	BT-K4192C	1 module
		1 USB - Type-C - 3 A / 30 W Power Delivery
1	BT-K4288C2	2 modules
		1 USB - Type-C - 3 A / 45 W Power Delivery
1	BT-K4294C	2 modules
		Double USB charger Type-C Conform to IEC 62368-1 standards For quick charging of devices such as smartphones, tablet PCs and Powerbanks Standby consumption: < 0.1 W 100-240 V~ - 5 V⎓
		2 USB - Type-C - 3 A / 15 W
1	BT-K4191CC	1 module
		USB chargers Type-A Conform to IEC 62368-1 standards For charging devices such as smartphones, tablet PCs and Powerbanks Standby consumption: < 0.1 W 100-240 V~ - 5 V⎓
		1 USB - Type-A - 3 A / 15 W
1	BT-K4191A	1 module
		2 USB - Type-A - 3 A / 15 W
1	BT-K4191AA	1 module
		Double USB charger Type-A + Type-C For charging devices such as smartphones, tablet PCs and Powerbanks Standby consumption: < 0.1 W 100-240 V~ - 5 V⎓
		1 USB Type-A + 1 USB Type-C - 3 A / 15 W
1	BT-K4191AC	1 module

Red catalogue numbers: New products

Living Now

TV sockets

BT-K4210M2D

BT-K4211M2C

BT-K4214M2D

BT-K4214D

BT-K4202D

BT-K4202F

Cover plates selection chart **p. 761-762**
Plates selection chart **p. 778**

To be equipped with a support frame, a cover plate and a plate
For DVB-T, Cablecast and satellite installation
UHD TV quality, 4GLTE compatible. For distribution of TV & Radio signals
Recommended coaxial cable: 17 VATC
TV: male connector (Ø9.5 mm) - 5-68/120-862 MHz
R: female connector (Ø9.5 mm) - 87.5 -108 MHz
SAT: F type connector - 950-2400 MHz
Conform to EN 50083 and EN 50083-2 European directive

Multi TV star sockets

Pack	Cat.Nos	
1	BT-K4210M2D	**TV-R-SAT socket - 2 modules** Star demixed socket - DAB+ Low attenuation: 1.5 dB
1	BT-K4217M2D	**TV-SAT sockets - 2 modules** Star demixed socket Low attenuation: 1.5 dB
1	BT-K4217M2P14	Passthrough demixed socket Attenuation: 14 dB
1	BT-K4217M2P10	Terminal demixed socket Attenuation: 14 dB
1	BT-K4211M2C	**TV-RD socket - 2 modules** Double coaxial shunted socket for TV and FM-LMC reception For cable operator (Belgium: Telenet operator)
1	BT-K4214M2D	**TV male socket + TV "F" type socket** For single-user aerial systems 2 modules
1	BT-K4214D	1 module

Single TV star sockets - 1 module

Pack	Cat.Nos	
		Can be equipped with a 2-module cover plate by associating the mechanism with 2 half-modules Cat.No BT-K4949 (p. 776)
1	BT-K4202D	**TV 9.5 mm male socket** Low attenuation: 1.5 dB
1	BT-K4202F	**TV "F" type socket** Low attenuation: 1.5 dB
1	BT-K4202P14	**Passthrough coaxial socket** Low attenuation: 14 dB
1	BT-K4202P10	**Terminal passthrough coaxial socket** Low attenuation: 10 dB

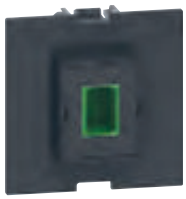
BT-KW4279C6AS

BT-KG4279C6F

BT-KM4258RJ11

BT-K4238

BT-KW07K


BT-K4268SCA

Cover plates selection chart **p. 762-763**
Plates selection chart **p. 778**

To be equipped with a support frame, a cover plate and a plate

Pack	Cat.Nos	RJ 45 sockets
		With LCS³ connector with fast connection thanks to integrated crimping Take from AWG 22 up to AWG 26 single-core cables and AWG 26 multicore cables Contacts marked with dual colour code and wiring schemes T568 A and T 568 B Conform to ISO/IEC 11801, EN 50173 and ANSI/TIA 568 standards 1 module To be equipped with a 1-module cover plate (or a 2-module cover plate by associating the mechanism with 2 half-modules Cat.No BT-K4949, p. 776)
		Cat. 6A STP shielded
1	BT-KW4279C6AS	○ White
1	BT-KG4279C6AS	● Black
1	BT-KM4279C6AS	○ Sand
		Cat. 6A UTP
1	BT-KW4279C6A	○ White
1	BT-KG4279C6A	● Black
1	BT-KM4279C6A	○ Sand
		Cat. 6 STP shielded
1	BT-KW4279C6S	○ White
1	BT-KG4279C6S	● Black
1	BT-KM4279C6S	○ Sand
		Cat. 6 FTP
1	BT-KW4279C6F	○ White
1	BT-KG4279C6F	● Black
1	BT-KM4279C6F	○ Sand
		Cat. 6 UTP
1	BT-KW4279C6	○ White
1	BT-KG4279C6	● Black
1	BT-KM4279C6	○ Sand
		Cat. 5e UTP
1	BT-KW4279C5E	○ White
1	BT-KG4279C5E	● Black
1	BT-KM4279C5E	○ Sand

Pack	Cat.Nos	RJ 11 socket
		1 module To be equipped with a 1-module cover plate (or a 2-module cover plate by associating the mechanism with 2 half-modules Cat.No BT-K4949, p. 776)
1	BT-KW4258RJ11	○ White
1	BT-KG4258RJ11	● Black
1	BT-KM4258RJ11	○ Sand
		British standard telephone socket
1	BT-K4238	1 module
		Adaptor for Keystone data sockets
		1 module To be equipped with a 1-module cover plate (or a 2-module cover plate by associating the mechanism with 2 half-modules Cat.No BT-K4949, p. 776)
1	BT-KW07K	○ White
1	BT-KG07K	● Black
1	BT-KM07K	○ Sand
		Fiber optic socket
1	BT-K4268SCA	Simplex SC/APC fiber optic socket

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USB data socket, audio and video sockets

BT-K4284P

BT-KM4294

BT-KW4269R

Cover plates selection chart **p. 763-764**
Plates selection chart **p. 778**

To be equipped with a support frame, a cover plate and a plate

Pack	Cat.Nos	
1	BT-K4285P	**USB data socket - for data transfer** For connecting USB devices (scanner-printer, external hard disk) Preterminated - USB Type-A Equipped with a 15 cm cord 1 module
1	BT-K4284P	**HDMI Type-A socket** Used to transmit high-definition digital audio/video streams between a source (computer, Blu-ray player...) and a compatible receiver (TV, videoprojector...) Maximum distance between 2 sockets: 10 m Preterminated HDMI 2.0 1 module Equipped with cord (length 15 cm) and 2 female connectors 1 module
1 1 1	BT-KW4294 BT-KG4294 BT-KM4294	**Loudspeaker socket** 1 module To be equipped with a 1-module cover plate (or a 2-module cover plate by associating the mechanism with 2 half-modules Cat.No BT-K4949, p. 776) Terminal 4 mm² ○ White ● Black ● Sand
1 1 1	BT-KW4269R BT-KG4269R BT-KM4269R	**Female 2 RCA socket** Provides the stereo audio link for any peripheral device such as a DVD drive, camera, video recorder 1 module To be equipped with a 1-module cover plate (or a 2-module cover plate by associating the mechanism with 2 half-modules Cat.No BT-K4949, p. 776) ○ White ● Black ● Sand

Living Now

hotel functions

BT-K4549

BT-K4373

BT-KW4362

Cover plates selection chart **p. 765**
Plates selection chart **p. 778**

To be equipped with a support frame, a cover plate and a plate

Pack	Cat.Nos	
1 1	BT-K4549 BT-K4548	**Key card switches** For energizing a circuit by inserting a key fob Time-delay of approx. 30 sec. after card removal 2 modules Can be equipped with a 3-module cover plate by associating the mechanism with 2 half-modules Cat.No BT-K4949 (p. 776) For ISO badge or card For RFID badge
1	BT-K4373	**Hotel bedroom call indicators** 1 module **Indicator for corridor** To be installed in the corridor, outside the room Supplied with green/red indicator Cat.No BT-K4743V230RG **Internal control unit** To be installed inside the room Enable the resident to inform hotel staff of the room status Two settings are possible: - Do not disturb - Please clean the room
1 1	BT-K4027H BT-K4027V127H	250 V~ power supply 127 V~ power supply
1 1 1	BT-KW4362 BT-KG4362 BT-KM4362	**Reading light** Fitted with maintenance-free LEDs LED colours: 3000 K (neutral white) 230 V power supply - energy Class A Screw terminals For installation in the bedhead Offers directional lighting (on/off and dimming) Equipped with a flexible cable so the head can swivel. Built-in dimmer Consumption: 3.3 W Luminous flux 110 lumen (equivalent to 15 W incandescent) Service life 40000 hours 1 module For installation in flush-mounting box ○ White ● Black ● Sand
1 1 1	BT-KW4177 BT-KG4177 BT-KM4177	**Shaver socket** 3 modules To be mounted on support frame Cat.No BT-K4703 and flush-mounting box Cat.No BT-PB503N Requires a 3-module plate ○ White ● Black ● Sand

Red catalogue numbers: New products

Living Now

bells, buzzers and pilot lamp

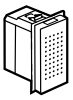
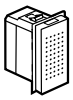
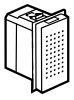
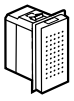
BT-K4351V230

BT-K4355V12

BT-K4371

Cover plates selection chart **p. 764**
Plates selection chart **p. 778**

To be equipped with a support frame, a cover plate and a plate

Pack	Cat.Nos	Bells and buzzer
		Bells - 1 module
10	BT-K4351V230	230 V~ bronze bell - 12 VA - 80 dB
10	BT-K4351V127	 127 V~ bronze bell - 8 VA - 80 dB
10	BT-K4351V12	 12 V~ bronze bell - 8 VA - 80 dB
		Bell - 2 modules
10	BT-K4355V12	Electronic bell 3 different sounds with front volume adjustment 12 Va.c.-d.c. power supply
		Buzzers - 1 module
10	BT-K4356V230	 230 V~ buzzer - 12 VA - 80 dB
10	BT-K4356V127	 127 V~ buzzer - 12 VA - 80 dB
10	BT-K4356V12	12 V~ buzzer - 12 VA - 80 dB
		Pilot lamp
1	BT-K4371	Lampholder for pilot lamp with transparent diffuser, to be completed with LED lamp Cat.No BT-K4743V230 (white) and/or BT-K4743V230R (red) Two operating modes: - 1 luminous signaling - 2 luminous signaling

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blanking modules and accessories

BT-K4949

BT-K4950

Pack	Cat.Nos	Installation accessory
10	BT-K4949	Half-module. For centering a 1-module mechanism when mounted with a 2-module cover plate or a 2-module mechanism when mounted with a 3-module cover plate. Set of 10
		Blanking modules To be mounted on support frame for protection against direct contacts
10	BT-K4950	Full
1	BT-K4953	With output Ø 9 mm
		Lamps for indicator or illuminated funtion **LED lamps for backlighting** To be wired at the back of the mechanisms
10	BT-LN4743/230T	White LED - 230 V~
10	BT-H4743/230B	Blue LED - 230 V~
10	BT-LN4743/12T	White LED - 12/24 V~
10	BT-H4743/12B	Blue LED - 12/24 V~
10	BT-K4743V230T	White LED high luminosity - 230 V~
10	BT-K4743V127T	White LED high luminosity - 127 V~
10	BT-K4743V230R	Red LED high luminosity - 230 V~
		Replacement LED lamps for hotel room controls
10	BT-K4743V230RG	Red/green LED - 230 V~ - for Cat.No BT-K4027H
10	BT-K4743V127RG	Red/green LED - 127 V~ - for Cat.No BT-K4027V127H
		Badge
10	0 767 11	Mifare contactless badge card 13.56 MHz
		Covers
10	BT-26603	**IP 44 protection cover** IP 44 guaranteed when closed Ideal for installation where an IP 44 protection degree is required
10	BT-503CG	**Protection cover** For flush-mounting box Cat.No BT503E To be used while finishing masonry works
		Finishing covers To be used when the flush-mounting box is used as a junction box
10	BT-503EC	For Cat.No BT-503E
10	BT-504EC	For Cat.No BT-504E
10	BT-506EC	For Cat.No BT-506E
		Internal resin separators
10	BT-503EV	For separating data and power circuits For Cat.No BT-503E
		Accessories
10	BT-503ED	Coupling for boxes Cat.Nos BT-502E, BT-503E, BT-504E (horizontal and vertical) and BT-506L (vertical only). Cannot be used with box extension
10	BT-500/00	Pair of 35 mm screws for fastening the supports of the boxes installed below the plaster work

Red catalogue numbers: New products

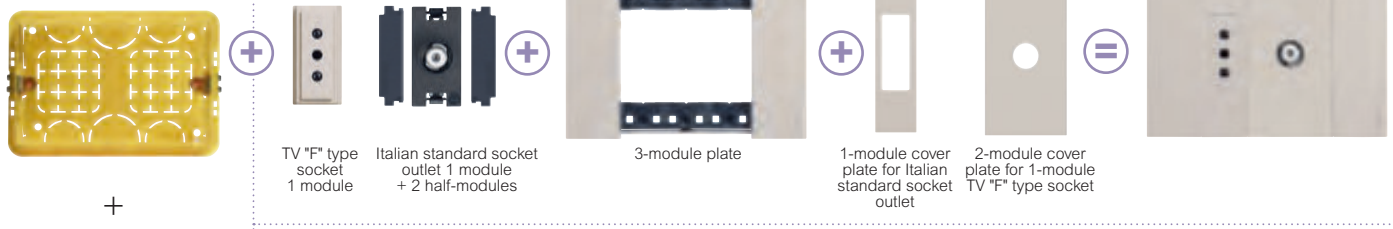
Living Now

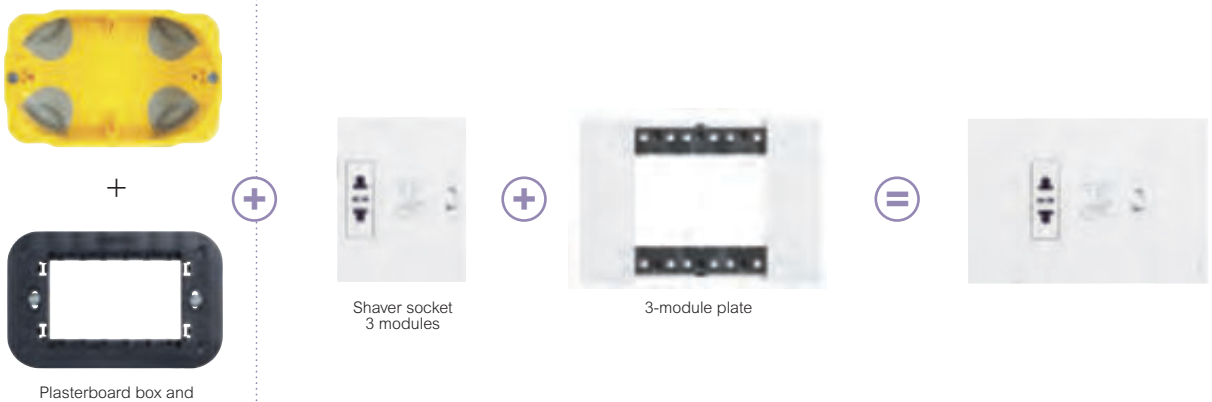
boxes and supports selection chart

	2 MODULES		3 MODULES		4 MODULES		6 MODULES	
	Cat.Nos	Pack	Cat.Nos	Pack	Cat.Nos	Pack	Cat.Nos	Pack
FLUSH-MOUNTING BOXES	BT-502E (70x70x50 mm)	50	BT-503E (108x74x53.5 mm)	15	BT-504E (133x74x53.5 mm)	5	BT-506L (183.5x90x53.5 mm)	1
PLASTERBOARD BOXES	BT-PB502N (Ø 71x50.5 mm)	5	BT-PB503N (110x71x52 mm)	5	BT-PB504N (132.5x71x52 mm)	5	BT-PB506N (183x71x52 mm)	5
SUPPORTS	BT-K4702*	10	BT-K4703 (with screws)	10	BT-K4704 (with screws)	5	BT-K4706 (with screws)	1

* Supplied without screws. Fastening using the screws supplied with boxes Cat.Nos BT-502E and BT-PB502N.

3-MODULES INSTALLATION EXAMPLES

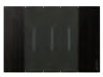




Red catalogue numbers: New products

Living Now

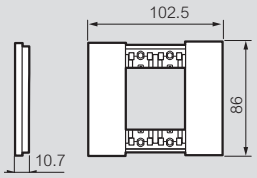
plates selection chart

			2 modules	3 modules	4 modules	6 modules
WHITE						
POLYMER	White		BT-KA4802KW	BT-KA4803KW	BT-KA4804KW	BT-KA4806KW
POLYMER	Ice		BT-KA4802DW	BT-KA4803DW	BT-KA4804DW	BT-KA4806DW
POLYMER	Sky		BT-KA4802DA	BT-KA4803DA	BT-KA4804DA	BT-KA4806DA
POLYMER	Pixel		BT-KA4802MW	BT-KA4803MW	BT-KA4804MW	BT-KA4806MW
ZAMAK	Gold		BT-KA4802ZW	BT-KA4803ZW	BT-KA4804ZW	BT-KA4806ZW
ZAMAK	Moon		BT-KA4802NW	BT-KA4803NW	BT-KA4804NW	BT-KA4806NW
SAND						
POLYMER	Sand		BT-KA4802KM	BT-KA4803KM	BT-KA4804KM	BT-KA4806KM
POLYMER	Aura		BT-KA4802DM	BT-KA4803DM	BT-KA4804DM	BT-KA4806DM
POLYMER	Optic		BT-KA4802MM	BT-KA4803MM	BT-KA4804MM	BT-KA4806MM
ZAMAK	Copper		BT-KA4802ZM	BT-KA4803ZM	BT-KA4804ZM	BT-KA4806ZM
WOOD	Oak		BT-KA4802LM	BT-KA4803LM	BT-KA4804LM	BT-KA4806LM
BLACK						
POLYMER	Black		BT-KA4802KG	BT-KA4803KG	BT-KA4804KG	BT-KA4806KG
POLYMER	Night		BT-KA4802DG	BT-KA4803DG	BT-KA4804DG	BT-KA4806DG
ZAMAK	Steel		BT-KA4802ZG	BT-KA4803ZG	BT-KA4804ZG	BT-KA4806ZG
ZAMAK	Space		BT-KA4802NG	BT-KA4803NG	BT-KA4804NG	BT-KA4806NG
WOOD	Walnut		BT-KA4802LG	BT-KA4803LG	BT-KA4804LG	BT-KA4806LG

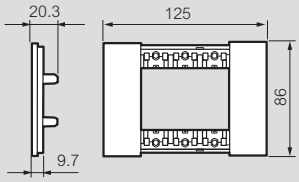
Red catalogue numbers: New products

Plates - dimensions (mm)

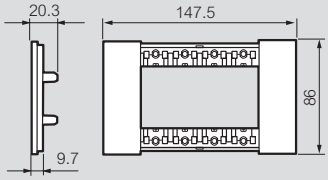
2 modules



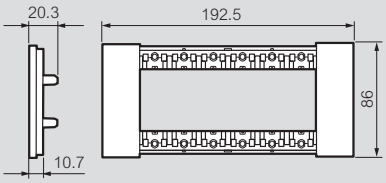
3 modules



4 modules

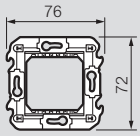


6 modules

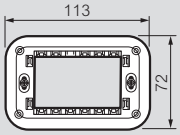


Support frames - dimensions (mm)

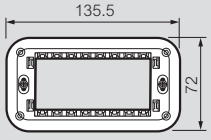
2 modules



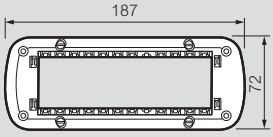
3 modules



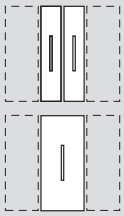
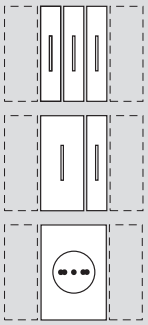
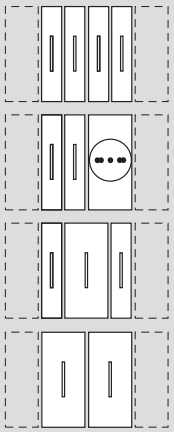
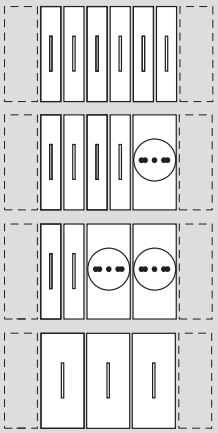
4 modules

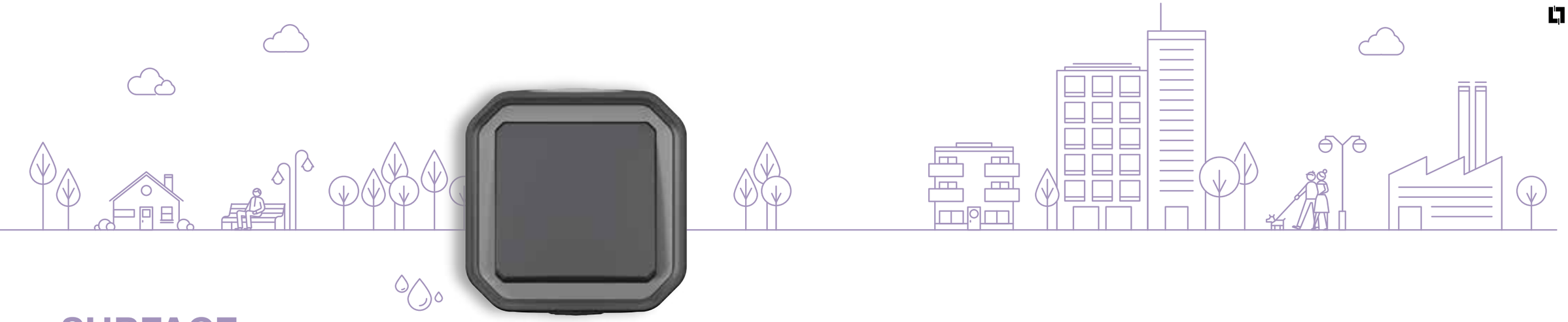


6 modules



Composition examples

2 modules	3 modules
	
4 modules	**6 modules**
	



SURFACE-MOUNTING AND WEATHERPROOF WIRING ACCESSORIES & INSTALLATION EQUIPMENT

▶ NEW PRODUCTS

P. 789 to 797
Plexo range

P. 827 to 835
Multifunction multi-outlet extensions

P. 835
Multi-outlet plugs and extensions for universal use

FORIX™

P. 782 Surface-mounting IP 2X switches

P. 782 Surface-mounting IP 2X socket outlets

P. 783 Surface-mounting IP 2X telephone, data and TV sockets

P. 784 Surface-mounting workstations

P. 785 IP 44 surface-mounting switches and socket outlets

PLEXO™

P. 789 N IP 55 surface-mounting complete mechanisms

P. 791 N IP 55 flush-mounting complete mechanisms

P. 792 N IP 55 mechanisms for surface and flush-mounting installation

P. 797 IP 66 flush-mounting complete mechanisms

P. 797 IP 66 surface-mounting complete mechanisms

SOLIROC™

P. 798 IK 10 control mechanisms

P. 800 IK 10 socket outlets and accessories

PLEXO™ AND BRITISH STANDARD BOXES

P. 801 Plexo IP 55/IK 07 boxes, with direct entry membrane glands - 650° C

P. 802 Plexo IP 55/IK 07 boxes, with direct entry membrane glands - 750° C

P. 802 Plexo IP 55/IK 07 boxes, with direct entry membrane glands - 960° C

P. 803 Plexo IP 55/IK 07 boxes, with pre-cut ISO type cable entries

P. 806 N British standard boxes IP 66 for wiring accessories

INSTALLATION EQUIPMENT & CONNECTION

P. 807 Plastic industrial boxes glands - 650° C

P. 809 Flexible conduits

P. 810 Flush-mounting boxes

P. 814 Rigid conduits and fixing accessories

P. 816 Colson cable ties

P. 818 Duplix marking system

P. 819 Nylbloc connection terminals and strips

P. 820 Equipotential bonding connectors

PLUGS AND MULTI-OUTLET EXTENSIONS

P. 821 USB chargers, USB Type-C/Type-A accessories

P. 823 Special plugs with sockets

P. 823 Spotlights, dimmable night lamps and night light

P. 824 Plugs and extensions

P. 826 N British standard multi-outlet extensions with cord

P. 826 N Multi-standard multi-outlet extensions with cord

P. 830 N Multifunction multi-outlet extensions

P. 835 N Multi-outlet plugs and extensions for universal use

P. 836 Travel adaptorsand TV plugs

P. 836 N Inspection lamps, lighting equipment and shaverlights

Forix™

IP 2X surface-mounting switches and socket outlets

7 824 00

7 824 02

7 824 20

Conform to IEC standard
Complete mechanisms supplied with rocker and cover plate - Screw terminals IP2X
2 finishes:
- White RAL R903 - Glossy finish
- Ivory RAL R113 - Glossy finish

Pack	Cat.Nos	Switches 10 AX - 250 V~
		Become illuminated with LED lamp Cat. No. 7 824 57
		One-way switches
20	7 824 00	○ White
20	7 824 30	● Ivory
		Two-way switches
20	7 824 04	○ White
20	7 824 34	● Ivory
		2 gang one-way switches
20	7 824 02	○ White
20	7 824 32	● Ivory
		2 gang two-way switches
20	7 824 06	○ White
20	7 824 36	● Ivory

Pack	Cat.Nos	Push-buttons 6 A - 250 V~
		Become illuminated with LED lamp Cat. No. 7 824 57
20	7 824 05	○ White
20	7 824 35	● Ivory

Pack	Cat.Nos	2P socket outlets 16 A - 250 V~
		2P without shutters
20	7 824 10	○ White
20	7 824 40	● Ivory
		2 x 2P without shutters
10	7 824 12	○ White
10	7 824 42	● Ivory

Pack	Cat.Nos	German standard socket outlets 16 A - 250 V~
		2P+E without shutters
20	7 824 11	○ White
20	7 824 41	● Ivory
		2 x 2P+E without shutters
		Inclined 45° - Horizontal or vertical mounting
10	7 824 13	○ White
10	7 824 43	● Ivory
		2P+E with shutters
20	7 824 20	○ White
20	7 824 50	● Ivory
		2 x 2P+E with shutters
		Inclined 45° - Horizontal or vertical mounting
10	7 824 23	○ White
10	7 824 53	● Ivory
		3 x 2P+E with shutters
10	7 824 18	○ White
10	7 824 48	● Ivory

Pack	Cat.Nos	French standard socket outlets 16 A - 250 V~
		2 x 2P+E with shutters
10	7 824 19	○ White
10	7 824 49	● Ivory

Forix, complete and versatile wall-mounting solution

Forix™

IP 2X surface-mounting socket outlets, telephone, data and TV sockets

7 824 17

7 824 24

7 824 15

7 824 29

Conform to IEC standard
Complete mechanisms supplied with rocker and cover plate. Screw terminals IP2X
2 finishes:
- White RAL R903 - Glossy finish
- Ivory RAL R113 - Glossy finish

French standard socket outlets 16 A - 250 V~

2P+E with shutters for child protection

Pack	Cat.Nos	
20	7 824 17	○ White
20	7 824 47	● Ivory

RJ 11 telephone sockets

Automatic connection by piercing the insulating material
Supplied with a tool

Pack	Cat.Nos	
20	7 824 14	○ White
20	7 824 44	● Ivory

RJ 11 telephone socket and RJ 45 cat. 5e - UTP socket

Automatic connection by piercing the insulating material
Supplied with a tool

Pack	Cat.Nos	
20	7 824 21	○ White
20	7 824 51	● Ivory

RJ 45 sockets cat. 5e - UTP

Automatic connection by piercing the insulating material
Supplied with a tool

1 x RJ 45

Pack	Cat.Nos	
20	7 824 24	○ White
20	7 824 54	● Ivory

2 x RJ 45

Pack	Cat.Nos	
20	7 824 28	○ White

RJ 45 keystone connector adaptor

Pack	Cat.Nos	
20	7 824 26	Double connector ○ White

Television sockets

Terminal TV socket
Male connector Ø9.52 mm

Pack	Cat.Nos	
20	7 824 15	○ White
20	7 824 45	● Ivory

Wire outlets

Supplied with cable ties

Pack	Cat.Nos	
20	7 824 16	○ White
20	7 824 46	● Ivory

Dismatic - 20 A

For protection and control of air-conditioning system
Single pole 220 V/380 V thermal MCB

Pack	Cat.Nos	
10	7 824 29	○ White

Lamp

Pack	Cat.Nos	
50	7 824 57	230 V - Consumption 3.4 mA

Forix™

workstations

7 824 94

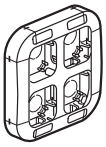
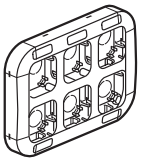
7 824 97 + 2 x RJ 45 sockets Cat. No. 7 824 24 (p. 783)

7 824 25

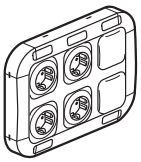
7 824 95

Conform to IEC standard
Ensure cable separation when fully equipped
Label marking areas
Pre-cut entries from 20 x 12.5 mm up to 40 x 12.5 mm
Take flush-mounting flexible conduits and surface-mounting mini-trunking
The workstations are composed of one plate and one cover plate
Workstations for integration of Forix IP2X surface mounting mechanisms or Mosaic™/Arteor™ mechanisms with adaptor Cat.No 7 824 25
White RAL R903 - Glossy finish

Workstations to be equipped

Pack	Cat.Nos	
2	7 824 94	Accept all mechanisms Forix IP2X surface-mounting range 4 gang 
2	7 824 96	Horizontal or vertical mounting 6 gang 

Equipped workstations

Pack	Cat.Nos	
2	7 824 97	Equipped with: - 4 x 2P+E German standard socket outlets with shutters - 2 blanking plates for integration of Forix mechanisms 

Mosaic™/Arteor™ adaptor

Pack	Cat.Nos	
10	7 824 25	Takes 2-module Mosaic™/Arteor™ mechanisms ○ White

Blanking plate

Pack	Cat.Nos	
20	7 824 95	Accessory to fill unused workstation spaces 1 gang

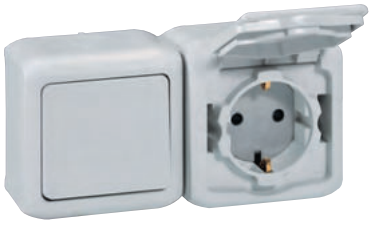
Forix - Complete and versatile wall mounting solution

Forix™

IP 44 switches and socket outlets

7 823 60

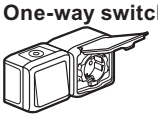
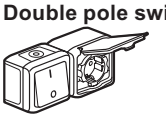
7 823 93

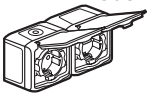
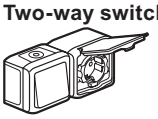

7 823 91

7 823 95

Conform to IEC standard: switches IEC 60669-1 (01-2007), socket outlets IEC 60884-1 (07-2006)
Mechanisms supplied complete with cover plates and plates
Surface mounting - screw terminals
2 finishes: White RAL R903 (Glossy finish); Grey RAL R735 (Glossy finish)
Mechanisms with single large rocker become illuminated with lamp Cat.No. 7 823 98

Pack	Cat.Nos	Switches 10 AX - 250 V~	
		One-way switches	
10	7 823 60		○ White
10	7 823 80		● Grey
		Two-way switches	
10	7 823 63		○ White
10	7 823 83		● Grey
		2 gang one-way switches	
10	7 823 62		○ White
10	7 823 82		● Grey
		2 gang two-way switches	
10	7 823 61		○ White
10	7 823 81		● Grey
		Double pole switches	
10	7 823 66		○ White
10	7 823 86		● Grey
		Intermediate switches	
10	7 823 65		○ White
10	7 823 85		● Grey
		Push-buttons 6 A - 250 V~	
10	7 823 64		○ White
10	7 823 84		● Grey
		Spare membrane glands	
5	7 823 79		○ White
5	7 823 99		● Grey
		Lamp	
50	7 823 98		230 V - Consumption 3.4 mA

Pack	Cat.Nos	German standard socket outlets 16 A - 250 V~ + switches	
		With shutters	
		2P+E socket	
10	7 823 73		○ White
10	7 823 93		● Grey
		2 x 2P+E socket	
5	7 823 74		○ White
5	7 823 94		● Grey
		One-way switch + 2P+E socket	
5	7 823 71		○ White
5	7 823 91		● Grey
		Double pole switch + 2P+E socket	
5	7 823 72		○ White
5	7 823 92		● Grey

Pack	Cat.Nos	French standard socket outlets 16 A - 250 V~	
		With shutters	
		2P+E socket	
10	7 823 75		○ White
10	7 823 95		● Grey
		2 x 2P+E socket	
5	7 823 77		○ White
5	7 823 97		● Grey
		Two-way switch + 2P+E socket	
5	7 823 76		○ White
5	7 823 96		● Grey

Forix - The evolutive solution for offices and commercial buildings

Plexo™

selection charts

Functions	COMPLETE VERSION for surface mounting			COMPLETE VERSION for flush-mounting			COMPLETE VERSION for flush-mounting with claws			MECHANISMS (to be equipped with a surface mounting box or support frame and a plate)		
	Grey	Anthracite	White	Grey	Anthracite	White	Grey	Anthracite	White	Grey	Anthracite	White
SWITCHES 10 AX - 250 V~												
1-gang 2-way switch	0 697 11L	0 697 61L	-	0 698 11L	0 698 81L	0 698 51L	-	-	-	0 695 11L	0 698 01L	0 696 11L
1-gang 2-way switch - with indicator	0 697 12L	0 697 21L	-	-	-	-	-	-	-	0 695 12L	0 698 02L	0 696 12L
Illuminated 1-gang 2-way switch	0 697 13L	0 697 36L	-	-	-	-	-	-	-	0 695 13L	0 698 03L	0 696 13L
2-gang 2-way switch/push-button	0 697 15L	0 697 75L	-	-	-	0 698 55L	-	-	-	0 695 25L	0 698 05L	0 696 25L
Double pole switch	-	-	-	-	-	-	-	-	-	0 695 30L	0 698 27L	0 696 27L
SWITCHES 16 AX - 250 V~												
1-gang 2-way switch	-	-	-	-	-	-	-	-	-	0 695 23L	-	-
Double pole switch	-	-	-	-	-	-	-	-	-	0 695 27L	-	-
Double pole switch - with indicator	-	-	-	-	-	-	-	-	-	0 695 28L	-	-
INTERMEDIATE SWITCH												
Intermediate switch	0 697 16L	-	-	-	-	-	-	-	-	-	-	-
PUSH-BUTTONS 10 A												
NO contact push-button	0 697 20L	0 697 90L	-	-	-	-	-	-	-	0 695 40L	0 698 10L	0 696 30L
Illuminated NO contact push-button	0 697 22L	0 697 82L	-	-	-	-	-	-	-	0 695 42L	0 698 13L	0 696 32L
Illuminated changeover push-button	-	-	-	-	-	-	-	-	-	0 695 36L	0 698 16L	0 696 16L
Illuminated changeover push-button with label-holder	-	-	-	0 698 24L	0 698 54L	0 698 64L	-	-	-	0 695 44L	0 698 14L	0 696 34L
KEY-OPERATED SWITCHES												
Keyswitch - 2 positions - 2 NO contacts	-	-	-	-	-	-	-	-	-	0 695 34L	-	-
Keyswitch - 3 positions - 2 NO contacts	-	-	-	-	-	-	-	-	-	0 695 35L	-	-
TIME LAG SWITCH												
Illuminated time lag switch	-	-	-	-	-	-	-	-	-	0 695 04L	0 698 04L	0 696 04L
LIGHT SENSITIVE SWITCH												
Light sensitive switch	-	-	-	-	-	-	-	-	-	0 695 17L	-	-
MOTION SENSORS												
Motion sensor without neutral - 2-wire	-	-	-	-	-	-	-	-	-	0 695 20L	-	-
Motion sensor with neutral - 3-wire	-	-	-	-	-	-	-	-	-	0 695 22L	-	-
EMERGENCY STOP FUNCTIONS - 3 A - 250 V												
Emergency stop button	-	-	-	-	-	-	-	-	-	0 695 47L	-	-
Emergency stop with key for reset	-	-	-	-	-	-	-	-	-	0 695 48L	-	-
Emergency stop with quarter-turn lock	-	-	-	-	-	-	-	-	-	0 695 49L	-	-
FRENCH STANDARD SOCKET OUTLETS - 16 A - 250 V												
2P+E - automatic terminals	0 697 31L	-	-	0 698 31L	0 698 60L	0 698 70L	-	-	-	0 695 51L	0 698 91L	0 696 21L
2P+E - screw terminals - tamperproof	-	-	-	-	-	-	-	-	-	0 695 53L	-	-
GERMAN STANDARD SOCKET OUTLETS - 16 A - 250 V												
2P+E - automatic terminals	-	-	-	-	-	-	-	-	-	0 695 70L	0 698 71L	0 696 40L
2P+E - screw terminals	0 697 33L	0 697 83L	-	0 698 33L	0 698 59L	0 698 69L	0 698 34L	-	0 698 68L	0 695 71L	0 698 39L	0 696 39L
2 x 2P+E prewired - horizontal	-	-	-	-	-	-	-	-	-	0 695 76L	-	-
2 x 2P+E prewired - vertical	-	-	-	-	-	-	-	-	-	0 695 77L	-	-
BRITISH STANDARD SOCKET OUTLETS - 13 A - 250 V												
2P+E - screw terminals	0 697 32L	-	-	-	-	-	-	-	-	0 695 85L	-	-
2 x 2P+E - screw terminals	0 697 39L	-	-	-	-	-	-	-	-	-	-	-
2P+E + 2-way switch - screw terminals	0 697 50L	-	-	-	-	-	-	-	-	-	-	-
SOCKET OUTLETS 20 A												
2P+E	0 916 55	-	-	-	-	-	-	-	-	-	-	-
3P+E	0 916 56	-	-	-	-	-	-	-	-	-	-	-
3P+N+E	0 916 57	-	-	-	-	-	-	-	-	-	-	-

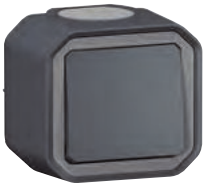
Red catalogue numbers: New products

legrand

Red catalogue numbers: New products

Functions	MECHANISMS (to be equipped with a surface mounting box or support frame and a plate)		
	Grey	Anthracite	White
RJ 45 SOCKETS			
RJ 45 socket Cat. 6A STP	0 695 59L	-	-
RJ 45 socket Cat. 6 FTP	0 695 69L	-	-
RJ 45 socket Cat. 6 UTP	0 695 61L	-	-
TV SOCKETS			
TV-R-SAT socket	0 695 58L	-	-
ADAPTORS			
Arteor/Mosaic adaptor with transparent flap	0 695 80L	0 698 80L	0 696 95L
Arteor/Mosaic adaptor with lockable transparent flap	0 695 79L	-	-
Arteor/Mosaic adaptor without flap	0 695 82L	-	-
SURFACE MOUNTING BOXES			
1-gang - with membrane glands	0 696 51L	0 696 01L	0 696 89L
1-gang - with cable gland ISO 20	0 696 56L	-	-
2-gang - horizontal or vertical mounting with membrane glands	0 696 72L	0 696 02L	0 696 90L
2-gang - vertical mounting - with 2 entries cable gland ISO 20	0 696 68L	-	-
SUPPORT FRAMES			
1-gang	0 696 81L	0 696 06L	0 696 92L
2-gang - horizontal or vertical mounting	0 696 83L	0 696 07L	0 696 94L
ACCESSORIES			
Standard claw + spacer	0 697 96L	-	-
Long claw + spacer	0 697 97L	-	-

Plexo™ complete surface mounting IP 55 - switches and push-buttons



0 697 61L

0 697 22L

Mechanisms supplied complete with non-clipped frame

Pack	Cat.Nos	Switches 10 AX - 250 V~
		IP 55 - IK 08. Automatic terminals
		Two-way switch
10	0 697 11L	○ Grey
10	0 697 61L	● Anthracite
		Two-way switch - with indicator
		Supplied with 230 V~ lamp to be wired with a terminal block
10	0 697 12L	○ Grey
10	0 697 21L	● Anthracite
		Illuminated two-way switch
		Supplied with 230 V~ lamp to be wired
10	0 697 13L	○ Grey
10	0 697 36L	● Anthracite
		Intermediate switch
5	0 697 16L	○ Grey

Pack	Cat.Nos	2-gang switch/push-button - 10 AX - 250 V~
		IP 55 - IK 08. Automatic terminals Supplied as a 2-gang push-button Allows to create 3 functions: - 2-gang two-way switch - 2-gang changeover push-button - two-way switch + changeover push-button
10	0 697 15L	○ Grey
10	0 697 75L	● Anthracite

Pack	Cat.Nos	Push-buttons 10 A
		IP 55 - IK 08. Automatic terminals
		NO contact push-button
10	0 697 20L	○ Grey
10	0 697 90L	● Anthracite
		Illuminated NO contact push-button
		Supplied with 230 V~ lamp to be wired
10	0 697 22L	○ Grey
10	0 697 82L	● Anthracite

Plexo™ complete surface mounting IP 55

motion sensors

0 697 40

Mechanisms supplied complete with non-clipped frame

Pack	Cat.Nos	Motion sensor
		IP 55 - IK 04 - 3-wire with neutral Automatic terminals Allows control of a lighting device as soon as the movement is detected Maximum load: - 2000 W for incandescent, halogen 230 V and halogen 12 V lamps, - 1000 VA for fluorescent tubes and compact fluorescent lamps Temporization between 12 s and 16 min. Detection angle: 360° Light level threshold : 5 à 1275 lux Detection range from 0 to 12 m with detector installed on wall at a height of 2.50 m. Minimum installation height: 1.70 m With directional head, can be removed without tools Dim. 90 x 91 mm (diameter: 91 mm)
1	0 697 40	● Grey
1	0 697 80	○ White
1	0 488 98	○ White - retail packaging

Red catalogue numbers: New products

Plexo™ complete surface mounting IP 55

socket outlets

0 697 83L

0 697 32L

0 697 31L

0 916 55

0 558 77

IP 55 - IK 08. Mechanisms supplied complete with non-clipped frame

Pack	Cat.Nos	German standard socket outlet - 16 A - 250 V~
		With shutters for child protection Supplied with 1 membrane gland - 2 outputs
		2P+E socket outlets - screw terminals
10	0 697 33L	● Grey
10	0 697 83L	● Anthracite

Pack	Cat.Nos	British standard socket outlets - 13 A - 250 V~
		Socket outlets - screw terminals
10	0 697 32L	● 2P+E - Grey
5	0 697 39L	● 2 x 2P+E - Grey
5	0 697 50L	● 2P+E + 2-way switch - Grey

Pack	Cat.Nos	French standard socket outlet - 16 A - 250 V~
		With shutters for child protection Supplied with 1 membrane gland - 2 outputs
		2P+E socket outlets - automatic terminals
10	0 697 31L	● Grey

Pack	Cat.Nos	Socket outlets 20 A and 32 A
		Screw terminals ● Grey
		20 A
		Compatible with membrane gland Cat.No 0 919 14
5	0 916 55	2P+E - 230 V~
5	0 916 56	3P+E - 400 V~
5	0 916 57	3P+N+E - 400 V~
		32 A
		Compatible with membrane gland Cat.No 0 919 15
5	0 558 72	2P+E - 230 V~
5	0 558 75	3P+E - 230 V~
5	0 558 77	3P+N+E - 230 V~

Pack	Cat.Nos	Membrane glands with marking of ∅ for tubes and cables
		● Grey (RAL 7035)
50	0 919 14	Up to Ø20
50	0 919 15	Up to Ø25

Red catalogue numbers: New products

Plexo™ complete flush-mounting IP 55 - switches, push-buttons and socket outlets

0 698 81L

0 698 31L

IP 55 - IK 08. Mechanisms supplied complete
Can be installed with claws Cat.Nos 0 697 96L and 0 697 97L (p. 795), except for cable outlet Cat.No 0 698 50L

Pack	Cat.Nos	
		Switch 10 AX - 250 V~
		Two-way switch - automatic terminals
10	0 698 11L	● Grey
10	0 698 81L	● Anthracite
10	0 698 51L	○ White
		2-gang switch/push-button - 10 AX - 250 V~
		Automatic terminals Supplied as a 2-gang changeover push-button Allows to create 3 functions: - 2-gang two-way switch - 2-gang changeover push-button - two-way switch + changeover push-button
10	0 698 55L	○ White
		Push-button 10 A
		Illuminated changeover push-button with label-holder NO + NC contact. Automatic terminals Supplied with 12 V~ lamp to be wired. Can be equipped with 230 V~ lamp Cat.No 0 694 96L
5	0 698 24L	● Grey
5	0 698 54L	● Anthracite
5	0 698 64L	○ White
		German standard socket outlets - 16 A - 250 V~
		2P+E - screw terminals
10	0 698 33L	● Grey
10	0 698 59L	● Anthracite
10	0 698 69L	○ White
		2P+E - with claws
10	0 698 34L	● Grey
10	0 698 68L	○ White
		French standard socket outlet - 16 A - 250 V~
		Automatic terminals 2P+E with shutters for child protection
10	0 698 31L	● Grey
10	0 698 60L	● Anthracite
10	0 698 70L	○ White
		Socket outlets 20 A
		Screw terminals ● Grey
10	0 557 03	2P+E - 230 V~
10	0 557 06	3P+E - 400 V~
10	0 557 08	3P+N+E - 400 V~
		Surface mounting box
10	0 903 59	For 20 A sockets Cat.Nos 0 557 03/06/08 Dimensions: 79 x 86 x 40 mm

PLEXO™ WITH NETATMO

Connected solutions making life easier

Wired and wireless solutions

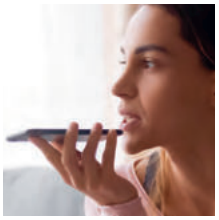
- Lighting controls
- Roller blinds/shutter controls
- Socket outlets 2P+E - 16 A (German and French standards)

...meeting essential needs

- Control lights
- Control and centralise electric roller blinds/shutters
- Control electrical appliances
- View and manage current consumption

All functions can be controlled manually (by direct action on the controls), with a smartphone using the Home + Control App, or by voice using a voice assistant!

Swipe | Talk | Touch



Home + Control

Please, consult us for more information

Red catalogue numbers: New products

Plexo™ mechanisms IP 55

switches

0 695 11L

0 696 25L

Mechanisms supplied with cover plate
Installation with surface mounting boxes or flush-mounting support frames (p. 795)

Pack	Cat.Nos	Switches 10 AX - 250 V
		IP 55 - IK 08. Automatic terminals
		Two-way switch
10	0 695 11L	Grey
10	0 698 01L	Anthracite
10	0 696 11L	White
		Two-way switch - with indicator
		Supplied with 230 V~ lamp to be wired with a terminal block
5	0 695 12L	Grey
5	0 698 02L	Anthracite
5	0 696 12L	White
		Illuminated two-way switch
		Supplied with 230 V~ lamp to be wired
5	0 695 13L	Grey
5	0 698 03L	Anthracite
5	0 696 13L	White
		Double pole switch
		Becomes illuminated with lamp Cat.No 0 694 96L (p. 795)
		Indicator version with lamp Cat.No 0 694 98L (p. 795) to be wired with terminal block
10	0 695 30L	Grey
5	0 698 27L	Anthracite
5	0 696 27L	White

Pack	Cat.Nos	Switches 16 A - 250 V~
		IP 55 - IK 08. Automatic terminals
		Two-way switch
5	0 695 23L	Grey
		Double pole switch
5	0 695 27L	Grey
		Double pole switch - with indicator
1	0 695 28L	Grey
		Supplied with 230 V~ lamp to be wired with a terminal block

Pack	Cat.Nos	2-gang switch/push-button - 10 AX - 250 V~
		IP 55 - IK 08. Automatic terminals Supplied as a 2-gang push-button Allows to create 3 functions: - 2-gang two-way switch - 2-gang changeover push-button - two-way switch + changeover push-button
10	0 695 25L	Grey
10	0 698 05L	Anthracite
10	0 696 25L	White

Plexo™ mechanisms IP 55

push-buttons

0 696 30L

0 695 44L

Mechanisms supplied with cover plate
Installation with surface mounting boxes or flush-mounting support frames (p. 795)

Pack	Cat.Nos	Push-buttons 10 A
		IP 55 - IK 08 Automatic terminals
		NO contact push-button
10	0 695 40L	Grey
10	0 698 10L	Anthracite
10	0 696 30L	White
		Illuminated NO contact push-button
		Supplied with 230 V~ lamp to be wired
5	0 695 42L	Grey
5	0 698 13L	Anthracite
5	0 696 32L	White
		Illuminated changeover push-button
		NO + NC contact Supplied with 230 V~ lamp to be wired
5	0 695 36L	Grey
5	0 698 16L	Anthracite
5	0 696 16L	White
		Illuminated changeover push-button with label-holder
		NO + NC contact Supplied with 12 V~ lamp to be wired Can be equipped with 230 V~ lamp Cat.No 0 694 96L (p. 795)
5	0 695 44L	Grey
5	0 698 14L	Anthracite
5	0 696 34L	White

Red catalogue numbers: New products

Plexo™ mechanisms IP 55 - keyswitches, emergency stop functions, time lag switch, sensitive switch

0 695 34L

0 695 47L

0 698 04L + surface mounting box 0 696 01L

Mechanisms supplied with cover plate
Installation with surface mounting boxes or flush-mounting support frames (p. 795)

Pack	Cat.Nos	Keyswitches 3 A - 250 V - Ronis n° 455
		Supplied with a set of 2 RONIS keys n° 455 Keys removable in all positions 2 NO contacts
1	0 695 34L	2 positions marked “0 – I” ● Grey
1	0 695 35L	3 positions marked “I – 0 – II” ● Grey

Pack	Cat.Nos	Emergency stop functions 3 A - 250 V∿
		IP 55 - IK 07 Supplied with "emergency stop" label in 4 languages Yellow cover plate, red button
1	0 695 47L	Emergency stop button 1 NC contact Single pole
1	0 695 48L	Emergency stop with key for reset NO + NC contact Supplied with a set of 2 RONIS keys n°455 Keys removable in 0 position
1	0 695 49L	Emergency stop - stay put 1/4 release NO + NC contact

Pack	Cat.Nos	Illuminated time lag switch 230 V∿
		IP 55 - IK 07 Without neutral - 2-wire - screw terminals Lighting or heating control with switch-off timer Possibility to install several time lag switches on the same circuit Supplied with lamp Temporization: 25 s to 15 min. Maximum loads: - 1000 W incandescent - 400 W halogen 130 V - 400 VA ELV halogen lamps - 400 VA fluorescent lamps - 1840 W resistive (heating)
1	0 695 04L	● Grey
1	0 698 04L	● Anthracite
1	0 696 04L	○ White

Pack	Cat.Nos	Light sensitive switch
		IP 55 - IK 08 Screw terminals Can be used to switch a lighting circuit “ON” and “OFF” based on light conditions (nightfall, daybreak) Supplied in one piece, including photoelectric cell Maximum loads: - 1400 W incandescent - 500 VA fluorescent tubes - 200 VA LEDs Adjustable light level threshold: 2 to 1500 lux
1	0 695 17L	Can be combined with all finishes of surface mounting boxes and support frames (p. 795)

Plexo™ mechanisms IP 55

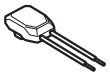
motion sensors

0 695 20L

0 401 49

Mechanisms supplied with cover plate
Installation with surface mounting boxes or flush-mounting support frames (p. 795)

Pack	Cat.Nos	Motion sensors
		Compatible with any type of lamp IR detection. Detection field 170° Detection range 8m Time delay setting from 5 s to 30min Light level threshold setting from 5 to 1275 lux 4 levels of sensitivity setting Reduced depth: 25mm
1	0 695 20L	**Motion sensor, 2 wires, without neutral** Stanby consumption: 0.01 W Accepted power by lamp type: - LEDs and CFL lamps: 2 to 100 W LED - Halogens, incandescent: 2 to 150 W - LEDs, CFLs, Halogen, fluo tube with ferromagnetic or electronic transformer: 2 to 150 VA If several sensors are installed on the same circuit, the minimum load changes: refer to the technical sheet Possibility to install up to 3 sensors in parallel Additional remote manual control possible with push button, 10 max. Can be associated with a modular time-lag switch (p. 106) Accepted power by lamp type will be power of the modular time-lag switch used
1	0 695 22L	**Motion sensor, 3 wires, with neutral** Stanby consumption: 0.015 W Accepted power by lamp type: - LEDs and CFL lamps: 0 to 500 W LED - Compact fluorescent: 0 to 500 W - Halogens, incandescent: 0 to 2000 W - LEDs, CFLs, Halogen, fluo tube with ferromagnetic or electronic transformer: 0 to 1000 VA Possibility to install up to 10 sensors in parallel Additional remote manual control possible with push button, 10 max. Master/Slave function available (10 slaves max. for 1 master)

Pack	Cat.Nos	Active Power bleeder
1	0 401 49	 Ensures compatibility of 2-wire electronic lighting controls without neutral with all available types of loads (LEDs, compact fluorescent lamps, ELV halogen lamps with electronic or ferromagnetic ballast, 230 V halogen lamps, fluorescent tubes, incandescent lamps) Standby consumption: 1.2 W

Plexo™ mechanisms IP 55

socket outlets

0 698 71L

0 695 51L

Mechanisms supplied with cover plate
Installation with surface mounting boxes or flush-mounting support frames (p. 795)

Pack	Cat.Nos	German standard socket outlet 16 A - 250 V~
		IP 55 - IK 08
		2P+E - automatic terminals
10	0 695 70L	Grey
10	0 698 71L	Anthracite
10	0 696 40L	White
		2P+E - screw terminals
10	0 695 71L	Grey
10	0 698 39L	Anthracite
10	0 696 39L	White

Pack	Cat.Nos	Prewired German standard socket outlets 16 A - 250 V~
		IP 55 - IK 08 - automatic terminals One-piece mechanism, only one connection required
		2 x 2P+E - horizontal mounting
5	0 695 76L	Grey
		2 x 2P+E - vertical mounting
5	0 695 77L	Grey

Pack	Cat.Nos	British standard socket outlet 13 A - 250 V~
		IP 55 - IK 08
10	0 695 85L	2P+E - screw terminals Grey

Pack	Cat.Nos	French standard socket outlets 16 A - 250 V~
		IP 55 - IK 08 Equipped with a flap
		2P+E with shutters - automatic terminals
10	0 695 51L	Grey
10	0 698 91L	Anthracite
10	0 696 21L	White
		2P+E tamperproof - screw terminals
5	0 695 53L	Grey

Pack	Cat.Nos	Tamperproof insert for Cat.No 0 695 53L
10	0 502 99	Tamperproof insert for socket Fits directly into the plug

Plexo™ mechanisms IP 55

data and TV sokets, adaptors

0 695 59L

0 695 80L

Mechanisms supplied with cover plate
Installation with surface mounting boxes or flush-mounting support frames (p. 795)

Pack	Cat.Nos	RJ 45 data socket
		IP 55 (with closed flap) - IK 08 Grey
5	0 695 59L	Cat. 6A - STP
5	0 695 69L	Cat. 6 - FTP
5	0 695 61L	Cat. 6 - UTP

Pack	Cat.Nos	TV socket
		IP 55 - IK 08 For DAB+, DVBT, Cablecast and satellite installation. UHD TV compatible Class A shielded star socket LTE Ready (4G protected) Recommended coaxial cable: 17 VATC Star cabling (1 socket = 1 antenna, splitter or multiswitch) Visual check of the connection Meets EN 50083-4 and EN 50083-2 European directive
		TV-R-SAT
1	0 695 58L	Grey

Pack	Cat.Nos	Adaptors for 2-module Arteor/Mosaic mechanisms
		Can be equipped with any 2-module Arteor or Mosaic functions (except for specific depths) in order to obtain an IP 55 wiring device
		Adaptor with transparent flap IP 55 - IK 08
10	0 695 80L	Grey
10	0 698 80L	Anthracite
10	0 696 95L	White
		Adaptor with lockable transparent flap IP 55 - IK 08 Lockable with special tool Cat.No 0 919 45
10	0 695 79L	Grey
		Adaptor without flap (IP 20)
1	0 695 82L	Grey

Red catalogue numbers: New products

Plexo™ mechanisms IP 55 - surface

mounting boxes and flush-mounting support frames

0 696 01L

0 696 72L

To be equipped with modular Plexo mechanisms (p. 792 to 794)

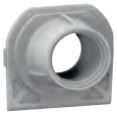
Pack	Cat.Nos	
		1-gang surface mounting box with membrane glands
		Equipped with removable membrane glands 2 membrane glands 1 entry
10	0 696 51L	● Grey
10	0 696 01L	● Anthracite
10	0 696 89L	○ White
		2-gang and 3-gang surface mounting box with membrane glands
		No separation between compartments in order to facilitate the cabling operations and to allow the installation of prewired socket outlets
		2-gang - horizontal or vertical mounting 3 membrane glands 1 entry 1 membrane gland 2 entries
5	0 696 72L	● Grey
5	0 696 02L	● Anthracite
5	0 696 90L	○ White
		3-gang - horizontal or vertical mounting 4 membrane glands 1 entry 1 membrane gland 2 entries
5	0 696 80L	● Grey
5	0 696 03L	● Anthracite
5	0 696 88L	○ White
		Surface mounting boxes for cable glands
		1-gang, 1 entry - ISO 20
10	0 696 56L	● Grey
		2-gang, 2 entries - ISO 20 For horizontal or vertical mounting The 2-entry cable gland can be positioned at different locations
5	0 696 68L	● Grey
		Flush-mounting support frames
		Used for flush-mounting version for German and French standard boxes only
		1-gang Can be equipped with claws Cat.Nos 0 697 96L/97L
10	0 696 81L	● Grey
10	0 696 06L	● Anthracite
10	0 696 92L	○ White
		2-gang - horizontal or vertical mounting 71 mm fixing centers
5	0 696 83L	● Grey
5	0 696 07L	● Anthracite
5	0 696 94L	○ White
		Claws
		Sets of 2 claws + 1 spacer
50	0 697 96L	Standard claws
25	0 697 97L	Long claws

Plexo™ mechanisms IP 55

membrane glands, cable glands and accessories

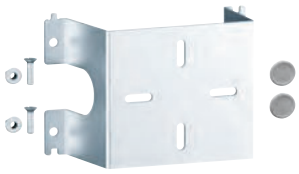
0 695 96L

0 696 65L



0 696 60L

0 694 96L



0 694 92L

0 695 97L

Pack	Cat.Nos	
		Membrane glands
		1 entry - ∅ up to 25 mm
10	0 695 96L	● Grey
		2 entries - ∅ up to 12.5 mm
10	0 695 99L	● Grey
		For pairing Allows to combine surface mounting boxes with one another
10	0 696 65L	● Grey
		Cable glands
		For installation in place of a membrane gland
		1 entry ISO 20
10	0 696 60L	● Grey
10	0 696 63L	● Anthracite
10	0 696 62L	○ White
		2 entries ISO 20
10	0 696 70L	● Grey
10	0 696 73L	● Anthracite
10	0 696 71L	○ White
		Lamps to be wired
5	0 694 96L	230 V∿ - 0.2 mA - blue - locator
5	0 694 98L	230 V∿ - 2 mA - blue - indicator
5	0 694 95L	12 to 48 V∿ - 2.6 mA (48 V∿) - blue
		Fixing accessories
		1-gang stainless steel height spacer for sandwich panel
5	0 694 92L	Supplied with screw for fixing the product on the height spacer and double insulated caps (Class II) for the wiring accessory
		For thin walls
10	0 695 97L	Does not require a flush-mounting box
		Set of 4 caps
		For sealing fixing holes when installing a surface mounting box on a metal support
10	0 695 98L	● Grey

Red catalogue numbers: New products

CHARGING SOLUTIONS FOR ELECTRIC VEHICLES

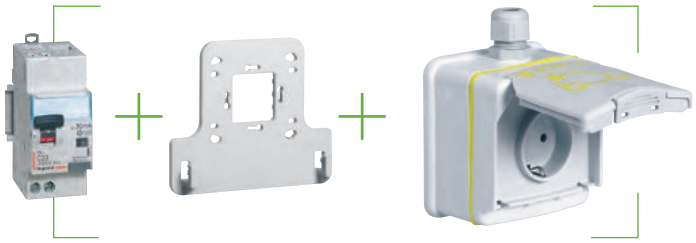
Green'Up

Control your vehicle charging locally or remotely

Green'Up Access sockets & ready to install kit:

The inexpensive, adaptable and safe solution.
With the Green'up Access socket, Legrand makes it easy to charge vehicles at home.

See p. 513



DETECTION SYSTEM PATENTED BY LEGRAND

Vehicles detect the secure Green'up infrastructure and select the maximum power that can be supplied via the socket, resulting in a shorter charging time.

Green'Up One charging stations:

Particularly adapted for individual home installation. Elegant, safe, and easy to use charging stations with fixed charging cables. Remote control via CHARGER CONTROL App.

See p. 515

Green'Up Premium charging stations:

The local or remote control solution for home, collective housing or commercial areas with public access (p. 516-517). Remote control of charging (optional) via EV CHARGE App.

See p. 516-517

Plexo™ 66 complete flush-mounting

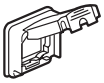
IP 66 - IK 08

6 845 53

6 845 56

6 845 70

White RAL 9010
Polypropylene/ABS housing
Supplied without back boxes, can mount directly on to standard metal flush boxes
Stainless steel captive terminal screws supplied in backed-off position
Supplied with flush-mounting gasket
Supplied without lamps

Pack	Cat.Nos	20 A - 250 V~ switches
		Flush-mounting gasket is not required when fitting these mechanisms on to back boxes Cat.Nos 6 845 89/90/91
1	6 845 53	1 gang 2 way switch - SP
1	6 845 54	2 gang 2 way SP
1	6 845 56	1 gang 1 way DP + indicator
		6 A - 250 V~ push-button
1	6 845 60	1 gang 2 way SP retractive switch
		13 A - 250 V~ socket outlet
1	6 845 70	1 gang unswitched
		Arteor/Mosaic adaptor
1	6 845 85	 2 modules with opaque lid

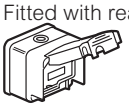
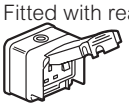
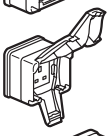
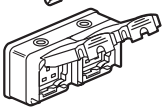
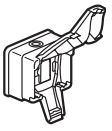
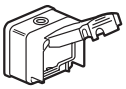
Plexo™ 66 complete surface-mounting

IP 66 - IK 08

6 846 19

0 904 67

Grey RAL 7016/TO 29
Supplied with ISO 20 membrane glands and caps for rear cabling
For top or down cabling, plastic membrane glands (p. 803) have to be used
Stainless steel captive terminal screws supplied in backed-off position

Pack	Cat.Nos	20 A - 250 V~ switches
		Fitted with rear gasket with groove to deposit silicone
1	6 846 03	1 gang Two-way switch - SP
1	6 846 02	1 gang One way switch - DP
1	6 846 04	2 gang Two-way switch - SP
		6 A - 250 V~ push-buttons
1	6 846 11	1 gang Two-way switch - SP with "Bell"
		13 A - 250 V~ fused spur unit
1	6 846 45	Fitted with rear gasket with groove to deposit silicone  1 gang - DP switched
		13 A - 250 V~ socket outlets
1	6 846 22	Fitted with rear gasket with groove to deposit silicone  1 gang Switched socket with opaque lid
1	6 846 20	1 gang Unswitched socket with opaque lid
1	6 846 19	 1 gang unswitched Accepts moulded plugs with side outlet
1	6 846 28	 2 gang unswitched
		RJ 45 socket
1	0 904 67	 Cat.6 - FTP
		Arteor/Mosaic adaptors
1 1	6 846 36 6 846 38	 2 module adaptor - semi-transparent lid 3 module adaptor - semi-transparent lid

Soliroc™

control mechanisms IK 10

0 778 11 + 0 778 51

0 778 24A

Suitable for public buildings, unsupervised passageways, car parks, communal areas in buildings
High resistance to IK 10 impacts and humidity
4 fixing points by plugging the plate directly on the wall and 4 blanking plates to be force-mounted on the plate (can only be removed by drilling)
Mechanisms supplied with cover plates, to be equipped with support frames (p. 1198) and plates (p. 800)

Switches 10 AX - 250 V~

Pack	Cat.Nos	
1	0 778 11	2-way switch
1	0 778 21	Intermediate switch
1	0 778 12	Illuminated 2-way switch Supplied with lamp Cat.No 0 676 86
1	0 778 14	2-way indicator switch Supplied with lamp Cat.No 0 676 86
1	0 778 13	2-way switch with label holder
1	0 778 22	Double pole switch

Motion sensors

Compatible with any type of lamp
IR detection. Detection field 170°
Detection range 8 m
Time delay setting from 5 s to 30 min
Light level threshold setting from 5 to 1275 lux
4 levels of sensitivity setting
Reduced depth: 25 mm

Pack	Cat.Nos	
1	0 778 26A	**Motion sensor, 2 wires, without neutral** Stanby consumption: 0.01 W Accepted power by lamp type: - LEDs and CFL lamps: 2 to 100 W LED - Halogens, incandescent: 2 to 150 W - LEDs, CFLs, Halogen, fluo tube with ferromagnetic or electronic transformer: 2 to 150 VA If several sensors are installed on the same circuit, the minimum load changes: refer to the technical sheet Possibility to install up to 3 sensors in parallel Additional remote manual control possible with push button, 10 max. Can be associated with a modular time-lag switch (p. 106) Accepted power by lamp type will be power of the modular time-lag switch used
1	0 778 24A	**Motion sensor, 3 wires, with neutral** Stanby consumption: 0.015 W Accepted power by lamp type: - LEDs and CFL lamps: 0 to 500 W LED - Compact fluorescent: 0 to 500 W - Halogens, incandescent: 0 to 2000 W - LEDs, CFLs, Halogen, fluo tube with ferromagnetic or electronic transformer: 0 to 1000 VA Possibility to install up to 10 sensors in parallel Additional remote manual control possible with push button, 10 max. Master/Slave function available (10 slaves max. for 1 master)

Push-buttons 6 A - 230 V~ - IK 10 - IP 55

Pack	Cat.Nos	
1	0 778 41	Two-way push-button NO-NC contact
1	0 778 42	Illuminated two-way push-button NO-NC contact Supplied with lamp Cat.No 0 676 66
1	0 778 44	One-way push-button + indicator light NO contact with potential free terminal Supplied with lamp Cat.No 0 676 68
1	0 778 43	Two-way push-button with label-holder NO-NC contact

Red catalogue numbers: New products

Soliroc™

control mechanisms IK 10 (continued)

0 778 23

0 778 74

Suitable for public buildings, unsupervised passageways, car parks, communal areas in buildings
High resistance to IK 10 impacts and humidity
4 fixing points by plugging the plate directly on the wall and 4 blanking plates to be force-mounted on the plate (can only be removed by drilling)
Mechanisms supplied with cover plates, to be equipped with support frames (p. 1198) and plates (p. 800)

Pack	Cat.Nos	Time-delayed switch - IK 10 - IP 55
1	0 778 23	Without neutral, 2-wire - 1000 W For controlling 1000 W incandescent and halogen lighting 230 V∿, 400 VA ELV halogen fluo lighting For controlling a motor (eg: Ventilation) - 250 VA Time delay from 25 s to 15 mins

Pack	Cat.Nos	Keyswitches - IK 10 - IP 54
		To be equipped with European key barrel Cat.No 0 697 95
1	0 778 74	2-position keyswitch 1 contact - 2 poles - 6 A - 230 V Key extracted in central position without changing the status of the contacts (on/off)
1	0 778 75	3-position key-operated push-button Changeover switch with off position - 6 A - 230 V Key extracted in off position

Pack	Cat.Nos	Illuminated sign 230 V∿ - IK 10 - IP 55
1	0 778 68	Mechanism incorporating white LEDs and a pivoting window which can take preprinted labels 2 choices of power rating (0.2 W or 1 W)

Pack	Cat.Nos	Passage lighting - IK 10 - IP 55
1	0 778 67	For lighting a staircase, etc 250 V∿ Supplied complete with: - Soliroc plate 5 modules - 1 set of 4 blanking plates that can be removed by drilling Mechanism: screw fixing in flush-mounting boxes, depth 40 mm Supplied with: - 16 white LEDs (2 W) - 1 x 5 modules Batibox support

Soliroc™

sockets and mounting accessories IK 10

0 778 31

0 778 91

0 778 51

0 778 90

Suitable for public buildings, unsupervised passageways, car parks, communal areas in buildings
High resistance to IK 10 impacts and humidity
4 fixing points by plugging the plate directly on the wall and 4 blanking plates to be force-mounted on the plate (can only be removed by drilling)
Mechanisms supplied complete with cover plates

Pack	Cat.Nos	Socket outlets - IK 10
		German standard 16 A - 250 V
1	0 778 35	2P+E with safety shutters, screw terminals and cover IP 55
1	0 778 36	2P+E with safety shutters, screw terminals, no cover IP 20
1	0 778 37	2P+E with safety shutters, screw terminals and locked cover IP 55
		French standard 16 A - 250 V
1	0 778 31	2P+E with automatic terminals and cover IP 55
1	0 778 33	2P+E with automatic terminals and locked cover IP 55
1	0 778 32	2P+E with automatic terminals, no cover IP 20
		TV socket - IK 10 - IP 20
1	0 778 82	Male TV socket 0-2400 MHz Class A (Lte compatible)
		RJ 45 socket - IK 10 - IP 20
1	0 778 99	Cat. 6_A - STP
1	0 778 91	Cat. 6 - FTP
		Cable outlet - IK 10 - IP 55
1	0 778 50	Supplied with cable grip

Pack	Cat.Nos	Plates - IK 10
1	0 778 51	1-gang plate 110 x 110 mm
1	0 778 52	2-gang plate 110 x 181 mm Horizontal or vertical mounting 71 mm fixing centres
1	0 778 53	3-gang plate 110 x 252 mm Horizontal or vertical mounting 71 mm fixing centres
		Surface-mounting boxes
		Cannot be used for Cat.Nos 0 778 74/75 Supplied with 4 blanking plugs Take ISO 20 protective conductors
1	0 778 90	1-gang 110 x 110 x 45 mm
1	0 778 92	2-gang 110 x 181 x 45 mm Horizontal or vertical mounting 71 mm fixing centres
		Accessories
		Adaptors for Arteor/Mosaic functions Take 2-module Arteor/Mosaic mechanisms (except special surface-mounting type)
1	0 778 84	Adaptor with lockable cover - IP 55 - IK 10
1	0 778 80	Adaptor with cover - IP 55 - IK 10
1	0 778 81	Adaptor without cover - IP 20
		Replacement blanking plugs
5	0 778 96	Can only be removed by drilling Set of 4
		Seals for surface correction Made of foam to compensate for unevenness of the wall
1	0 778 85	For 1-gang plate
1	0 778 86	For 2-gang plate
1	0 778 87	For 3-gang plate
		Blanking plate
1	0 778 66	2 modules
		Fixing accessory
1	0 778 83	Fits on Batibox boxes for masonry and concrete, for fixing directly in the wall The Soliroc plate can be fixed onto this accessory with no need for drilling or using plugs in the wall 1-gang, can be joined to create 2-gang

Green'Up Access socket outlets for electric vehicles, **p. 513**

Plexo™ boxes IP 55 - IK 07

with direct entry membrane glands - 650° C

0 920 01

0 920 04

0 920 13

0 920 22

IP 55 - IK 07
Resistance to incandescent wire 650°C
For use as junction boxes in any type of normal installation circuit
Operating temperature: -25 to +40°C
Interchangeable membrane glands with direct entries for IRL tubes up to Ø16 and R02V cables, with marked cut-out for IRL tube Ø >16
Captive cover with tie. Space for marking on both sides of the cover. Fixing with vertical level adjustment. Class II is ensured by protective caps (supplied) for the fixing screws
Boxes without halogenated flame retardants (European Directive RoHS 2002/95/EC)

Pack	Cat.Nos	
		Round boxes
	Grey RAL 7035 / White RAL 9010	Clippable covers 4 membrane glands Accepted cable and tube Ø: 4 to 20 mm
100	0 920 01	Ø60 - height 40
100	0 920 02	Ø70 - height 45
20	0 920 03	Ø70 - height 45
		Rectangular compact box
200	Grey RAL 7035 0 920 04	**80 x 43 x 34 mm** Ideal for small spaces Clippable cover 10 membrane glands Accepted cable and tube Ø: 7 to 16 mm
		Square boxes
		Can be fixed using a tool such as a Pulsa 700 E nail gun 7 membrane glands
100	Grey RAL 7035 0 920 05	**65 x 65 x 40 mm** Accepted cable and tube Ø: 4 to 20 mm Clippable covers
	Grey RAL 7035 / White RAL 9010	
120	0 920 12	Accepted cable and tube Ø: 4 to 20 mm Clippable covers
20	0 920 13	Accepted cable and tube Ø: 4 to 20 mm Clippab:le covers
50	0 920 22	**105 x 105 x 55 mm** Accepted cable and tube Ø: 4 to 25 mm Cover closed with a 1/4 turn
20	0 920 23	Accepted cable and tube Ø: 4 to 25 mm Cover closed with a 1/4 turn
50	Grey RAL 7035 0 920 11	**80 x 80 x 45 mm** Clippable covers Fixed using 2 internal points (screws with max. Ø5 mm) or on plug Cat.No. 0 319 57 Smooth faces

Pack	Cat.Nos	**Accessories**
1	0 312 10	Strip with four 4 mm² terminal for junctions For fitting in Plexo boxes Cat.Nos 0 920 01/02/03/05/12/13
1	0 395 98	Black felt tip pen Indelible for marking
10	0 343 98	Nylbloc auto terminal support For up to 3 screwless connection terminals Nylbloc auto (Cat.Nos 0 343 22/23/25/28) Direct fixing: - in top of Plexo boxes and industrial plastic cabinets ≥ 130 x 130 mm - on flat bar 12 x 2 mm - in bottom of fully assembled, adaptable and aluminium DLP trunkings (from 50 x 80 mm) Screw fixing: - in bottom of Plexo boxes ≥ 105 x 105 mm and industrial plastic cabinets - universal Fixing on rail with accessory Cat.No 0 048 11 (p. 298) Accessible test socket Marking zone with felt tip pen Cat.No 0 395 98 (p. 451)

Red catalogue numbers: New products

Plexo™ boxes IP 55 - IK 07

with direct entry membrane glands - 750 °C

0 920 32

0 920 52

Dimensions **p. 804**
Technical characteristics **p. 805**

Resistance to glow wire test: 750 °C (EN 60695 2-11)
Operating temperature: – 25 °C to + 40 °C
Interchangeable membrane glands with direct entry
Captive cover with clippable tie between box and cover except boxes 310 x 240 and 360 x 270
Cover opens/closes with a 1/4 turn of a regular screwdriver, marking 0 and I
Class II is ensured by protection caps (supplied) for the attachment screws
Can be associated with Nylbloc auto terminal suppport Cat.No 0 343 98

Pack	Cat.Nos	Square boxes
		Grey RAL 7035
1	0 920 32	**130 x 130 x 74 mm** 10 glands Ø cables and tubes accepted 4 to 25 mm
		Rectangular boxes
		Grey RAL 7035
20	0 920 42	**155 x 110 x 74 mm** 10 glands Ø cables and tubes accepted 4 to 25 mm
10	0 920 52	**180 x 140 x 86 mm** 10 glands Ø cables and tubes accepted 4 to 32 mm
10	0 920 62	**220 x 170 x 86 mm** 14 glands Ø cables and tubes accepted 4 to 32 mm
2	0 920 82	**310 x 240 x 124 mm** 24 glands Ø cables and tubes accepted 4 to 40 mm
1	0 920 92	**360 x 270 x 124 mm** 24 glands Ø cables and tubes accepted 4 to 40 mm

Plexo™ boxes IP 55 - IK 07

with direct entry membrane glands - 960 °C

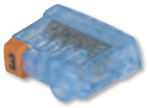
0 920 15

Dimensions **p. 804**
Technical characteristics **p. 805**

Resistance to incandescent wire: 960°C
Junction boxes for safety circuit installations in buildings open to the public and work premises
Operating temperature: -25 to +40°C
Interchangeable membrane glands with direct entry for IRL tubes up to Ø16 and R02V cables. Marked cut-out for IRL tubes Ø >16
Captive cover with clippable tie between box and cover
Space for marking on both sides of the cover of 80 x 80 and 105 x 105 boxes
Fixing with vertical level adjustment
Class II is ensured by protective caps (supplied) for the fixing screws

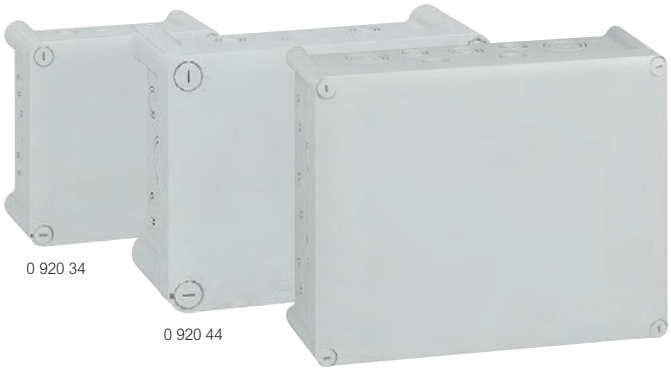
Pack	Cat.Nos	Square boxes
		Grey/red RAL 7037/3000
10	0 920 15	**80 x 80 x 45 mm** Clippable covers 7 membrane glands (Cat.No 0 919 09) Accepted cable and tube Ø: 4 to 20 mm
10	0 920 25	**105 x 105 x 55 mm** Cover closed with a 1/4 turn Fixed using 2 internal points (screws with max. Ø5 mm) or 3 points outside the wiring space (screws with max. Ø4 mm) 7 membrane glands (Cat.No 0 919 01) Accepted cable and tube Ø: 4 to 25 mm

Nylbloc auto terminal support
p. 819



Plexo™ boxes IP 55 - IK 07

with pre-cut knock-out ISO type cable entries



Dimensions **p. 804**
Technical characteristics **p. 805**

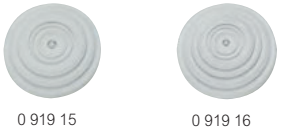
Resistance to glow wire test: 750 °C (EN 60695 2-11)
Operating temperature: – 25 °C to + 40 °C
Knock-out entries
Captive cover with clippable tie between box and cover except boxes 310 x 240 and 360 x 270
Cover opens/closes with a 1/4 turn of a regular screwdriver, marking 0 and I
Fixing with level adjustment
• At 2 or 4 internal points (screw Ø5 mm max.)
• At the four corners out of wiring volume (screw Ø4 mm max.)
• With brackets Cat.No 0 358 02
Class II is ensured by protection caps (supplied) for the attachment screws

Pack	Cat.Nos	**Square boxes**
		Grey RAL 7035
10	0 920 34	**130 x 130 x 74 mm** 16 knock-out entries for ISO 12/16 4 knock-out entries for ISO 20/25

Pack	Cat.Nos	**Rectangular boxes**
		Grey RAL 7035
10	0 920 44	**155 x 110 x 74 mm** 16 knock-out entries for ISO 12/16 4 knock-out entries for ISO 20/25
5	0 920 54	**180 x 140 x 86 mm** 16 knock-out entries for ISO 16/20 4 knock-out entries for ISO 20/25
5	0 920 64	**220 x 170 x 86 mm** 12 knock-out entries for ISO 16/20 8 knock-out entries for ISO 20/25 4 knock-out entries for ISO 25/32
2	0 920 84	**310 x 240 x 124 mm** 2 knock-out entries for ISO 16/20 22 knock-out entries for ISO 20/25 6 knock-out entries for ISO 25/32 6 knock-out entries for ISO 32/40
1	0 920 94	**360 x 270 x 124 mm** 2 knock-out entries for ISO 16/20 18 knock-out entries for ISO 20/25 10 knock-out entries for ISO 25/32 6 knock-out entries for ISO 32/40

Plexo™ boxes

accessories



0 358 02 mounted on box

0 358 00 mounted on box

Pack	Cat.Nos	**Direct entry membrane glands**
		With marking of Ø for tubs and cables Direct entry for tubes (up to 16 mm) and cables
50	0 919 14	**Up to Ø20** Grey (RAL 7035)
50	0 919 15	**Up to Ø25** Grey (RAL 7035)
50	0 919 16	**Up to Ø32** Grey (RAL 7035)
50	0 919 17	**Up to Ø40** Grey (RAL 7035)

		Membrane glands
		Grey (RAL 7035) With marking of Ø for tubes and cables
50	0 919 10	Up to Ø20
50	0 919 11	Up to Ø25

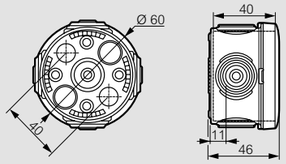
		Fixing accessories
1	0 358 02	**Set of 4 lugs** For wall fixing supplied with screws

		Equipment accessories
		Set of 2 hinges (RAL 7016)
1	0 358 00	For boxes 130 x 130 mm up to 220 x 170 mm included
1	0 358 01	For boxes 310 x 240 and 360 x 270 mm

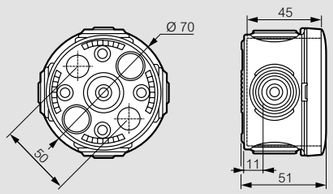
Plexo™ boxes IP 55 - IK 07

Dimensions

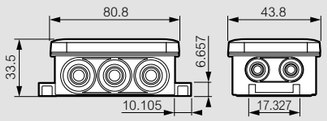
Round box ∅60 mm Cat.No 0 920 01



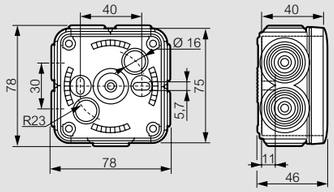
Round box ∅70 mm Cat.Nos 0 920 02/03



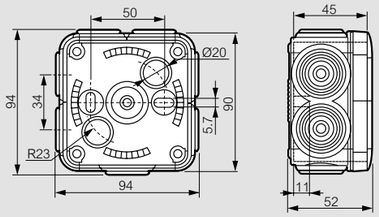
Rectangular box 80 x 43 mm Cat.No 0 920 04



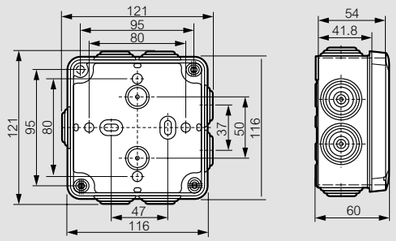
Square box 65 x 65 mm Cat.No 0 920 05



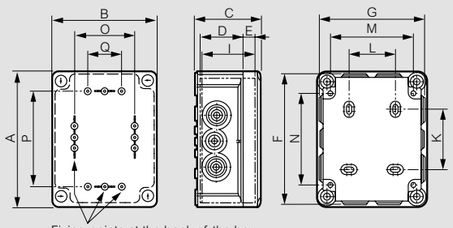
Square boxes 80 x 80 mm Cat.Nos 0 920 12/13/15



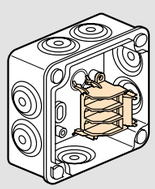
Square boxes 105 x 105 mm Cat.Nos 0 920 22/23/24/25



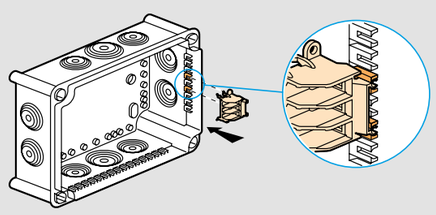
Square boxes 130 x 130 mm Cat.Nos 0 920 32/34, rectangular boxes Cat.Nos 0 920 42/44/52/54/62/64/82/84/92/94



Fixing points at the back of the box



105 x 105 mm

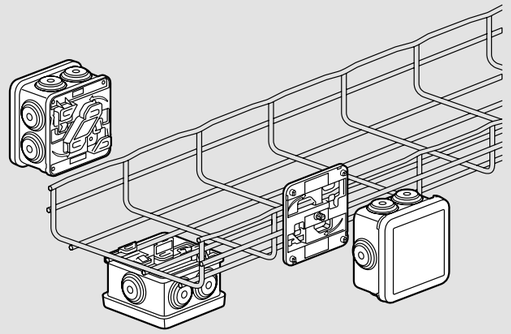


155 x 110 mm

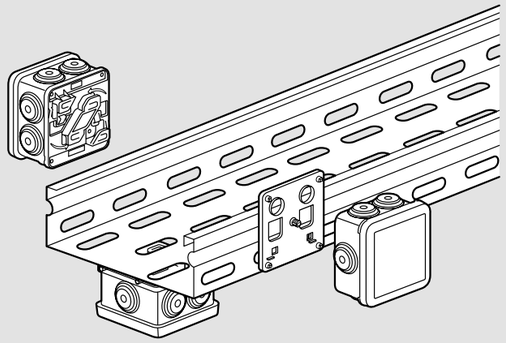
Cat.Nos	Dim.	A	B	F	G	C	D	E	I	Fixing of box				Fixing of accessories (screw ∅4 mm)			Useful surface	
										K	L	M	N	O	P	Q	R	S
0 920 32/34	130 x 130	150	150	149	149	81	56	18	67	54	70	120	103	106	106	84	102	87
0 920 42/44	155 x 110	175	130	173	128	81	56	18	67	79	50	100	128	86	131	64	112	88
0 920 52/54	180 x 140	200	160	205	165	94	69	18	80	104	50	130	153	116	156	94	137	112
0 920 62/64	220 x 170	240	190	245	195	94	69	18	80	144	80	160	193	146	196	124	226	142
0 920 82/84	310 x 240	332	262	340	270	132	97	27	116	220	160	222	276	200	260	150	248	198
0 920 92/94	360 x 270	382	292	390	300	132	97	27	116	270	190	252	326	230	210	150	298	228

Implementation on cable trays

Fixing of 80 x 80 mm Plexo boxes on wire mesh cable trays



Fixing of 80 x 80 mm Plexo boxes on metal cable trays



Technical characteristics

Additional regulation

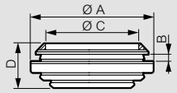
In accordance with European directive RoHS (2002/95/CE modified by decision 2005/618/CE) and with its FAQ "guidance for EEE directives", widened to all halogenated flame retardants, Plexo boxes (Cat.Nos mentioned below) don't contain halogenated flame retardant:
0 920 32/0 920 42/0 920 44/0 920 52/0 920 62/0 920 82

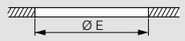
Equipment with terminal blocks

Boxes (mm)	Bare terminal blocks on support and IP 2X blocks						
	4 holes	8 holes	13 holes	17 holes	22 holes	35 holes	Max. number of Nylbloc auto terminal support
130 x 130 x 74	•	•					4
155 x 110 x 74	•	•	•				4
180 x 140 x 86	•	•	•				6
220 x 170 x 86	•	•	•	•	•		10
310 x 240 x 124	•	•	•	•	•	•	10
360 x 270 x 124	•	•	•	•	•	•	10

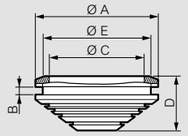
Spare membrane glands for Plexo boxes

• Direct entry





• To be cut



	A (mm)	B (mm)	C (mm)	D (mm)	E (mm)
ø20	ø27.6	2	ø20	10	ø22
ø25	ø33.8	2	ø25	12.8	ø27.5
ø32	ø42	2	ø32.2	14.5	ø34.6
ø40	ø50	2	ø40.2	16.2	ø42.5

	A (mm)	B (mm)	C (mm)	D (mm)	E (mm)
ø20	ø27.6	2,4	ø20.2	15.5	ø22
ø25	ø33.8	2,4	ø25.6	18	ø27.5

User of membrane glands per type of boxes

Boxes	Membrane glands			
	∅20	∅25	∅32	∅40
Round				
∅60	4			
∅70	4			
Square				
65 x 65 x 40	7			
80 x 80 x 45	7			
105 x 105 x 55		7		
130 x 130 x 74	2	8		
Rectangular				
155 x 110 x 74	2	8		
180 x 140 x 86		4	6	
220 x 170 x 86		8	6	
310 x 240 x 124			18	6
360 x 270 x 124			16	8

British standard boxes - IP 66

6 846 31

6 846 32

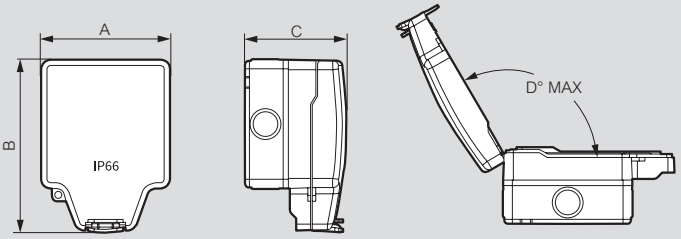
Conform to IEC 60526 standard
Surface mounting, to be equipped with British standard wiring accessory ranges
Grey RAL 7035

Pack	Cat.Nos	IP 66 boxes	
1	6 846 31		1-gang
1	6 846 32		2-gang

British standard boxes - IP 66

technical characteristics

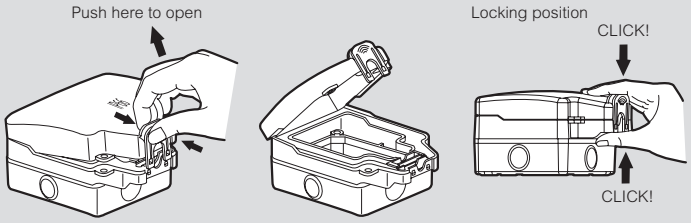
Dimensions (mm)



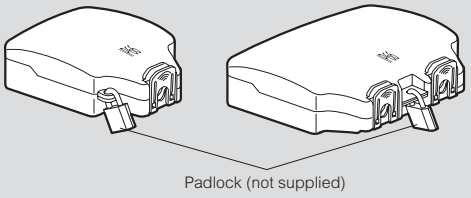
Cat.Nos	A	B	C	D (max)
6 846 31	113.6	151.8	89	120°
6 846 32	169	151.8	89	120°

Principle of use

Easy to install, intuitive opening and closing position



Possibility of adding a padlock



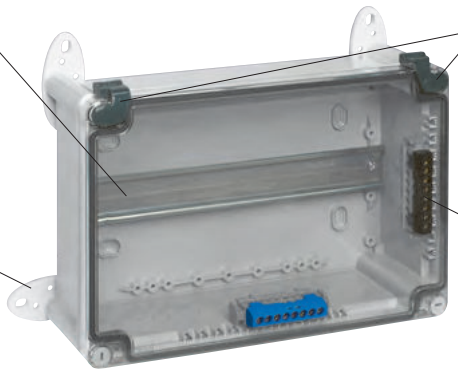
Red catalogue numbers: New products

Plastic industrial boxes

Can be equipped with a rail for fixing equipment

Hinges Cat.No 0 358 01

Wall mounting lugs Cat.No 0 358 02 for horizontal or vertical installation



0 359 71

IP 2X terminal blocks fixed at the top from 130 x 130 mm

Technical characteristics **p. 808**

Smooth surfaces
Choice of fixing:
- Internal: 4 oblong holes at back of box
- At the 4 corners outside the wiring space, with Ø4 screws
- Using wall mounting lugs Cat.No 0 358 02 (except boxes 130 x 75 x 74 mm)

IP 55 - IK 07 grey RAL 7035

Class II provided by protective caps for the fixing screws (supplied)
Equipment can be fixed on rail or solid plate
IP 2X terminal blocks fixed at the top from 130 x 130 mm size (p. 298)
Cover opened/closed with 1/4 turn of a flat screwdriver. Indication of closed/open position: I/O
Captive covers with ties, except boxes 310 x 240 mm and 360 x 270 mm

Pack	Cat.Nos		Internal dimensions Height x Width x Depth (mm)
	Opaque cover	Transparent cover	
1	0 359 00		141 x 86 x 80
1	0 359 30		150 x 150 x 81
1	0 359 40		175 x 130 x 81
1	0 359 50		200 x 160 x 94
1	0 359 60	0 359 61	240 x 190 x 94
1	0 359 70	0 359 71	290 x 190 x 94
1	0 359 80		382 x 292 x 132

IP 55 - grey RAL 7035 - increased depth

Pack	Cat.Nos	
	Opaque cover	
		Box depth 140 mm IK 07
2	0 921 22	220 x 170 x 240 mm with 4 locks
		Box depth 154 mm IK 08
1	0 350 58	359 x 265 x 154 mm with hinges and 2 locks
		Box depth 160 mm IK 08
1	0 922 84	310 x 240 x 160 mm with 4 locks

Accessories for IP 55 - IK 07 grey RAL 7035

Pack	Cat.Nos	
		Hinges RAL 7016 - set of 2
1	0 358 00	For boxes 130 x 130 up to 270 x 170 mm included
1	0 358 01	For boxes 310 x 240 mm and 360 x 270 mm
		Metal mounting plates Galvanized steel 15/10 thick
5	0 358 10	For boxes 150 x 150 mm
5	0 358 11	For boxes 175 x 130 mm
5	0 358 12	For boxes 200 x 160 mm
5	0 358 13	For boxes 240 x 190 mm
5	0 358 14	For boxes 290 x 190 mm
10	0 358 15	For boxes 382 x 292 mm
		Wall mounting lugs
1	0 358 02	Set of 4 lugs for boxes from width 110 mm For wall fixing supplied with screws

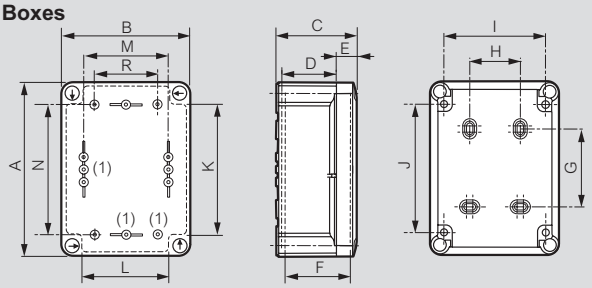
Weatherproof cabinets, **p. 416**

Characteristics - IP 55 - IK 07 boxes

Box: - IP 55: polypropylene
Cover: - opaque: polypropylene (except 0 359 80: polycarbonate)
- transparent: polycarbonate
Operating temperature: - 25 °C to + 40 °C
Self-extinguishing: 750 °C (EN 60695-2-11)
For indoor use

Dimensions

Boxes

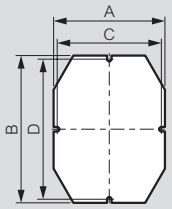


1: Fixing for accessories (rail, mounting plates)

Cat.Nos	Dimensions (mm)							Box fixing (mm)				Accessories fixing (Ø4 mm screw supplied)				
	A	B	C	D	E²	E	F	G	H	I	J	K	L	M	N	R
0 359 00	141	86	80	56	19	18	67	70	-	65	120	-	-	51	106	-
0 359 30	150	150	81	56	20	18	68	54	70	120	103	87	103	106	106	84
0 359 40	175	130	81	56	20	18	68	79	50	100	128	84	112	86	131	64
0 359 50	200	160	94	69	20	18	81	104	50	130	153	137	113	116	156	94
0 359 60/61	240	190	94	69	20	18	81	144	80	160	193	177	143	146	196	124
0 359 70/71	290	190	94	69	20	18	81	194	80	160	243	227	143	146	246	122
0 359 80	382	292	132	97	30	27	116	220	160	222	276	249	199	200	260	150

2: With material thickness

Metal mounting plates



Cat.Nos	A	B	C	D
0 358 10	112	112	105.5	105.5
0 358 11	93	138	85.5	130.5
0 358 12	124	164	114	154
0 358 13	154	204	144	194
0 358 14	154	254	144	244
0 358 15	209	269	199	259

Maximum length of terminals

Box dimensions (mm)	Number of holes
130 x 130 x 74	8
155 x 110 x 74	13
180 x 140 x 86	13
220 x 170 x 86	22
310 x 240 x 124	28

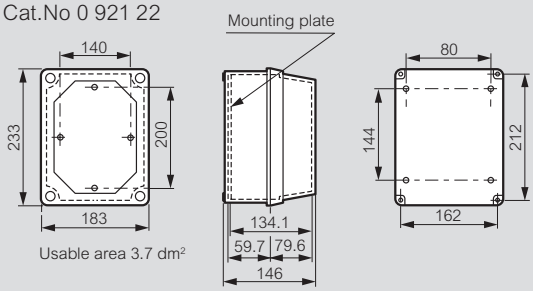
Characteristics - IP 55 - increased depth boxes

Operating temperature: - 20 °C to + 50 °C
Self-extinguishing: 960 °C (EN 60695-2-11)
For indoor use

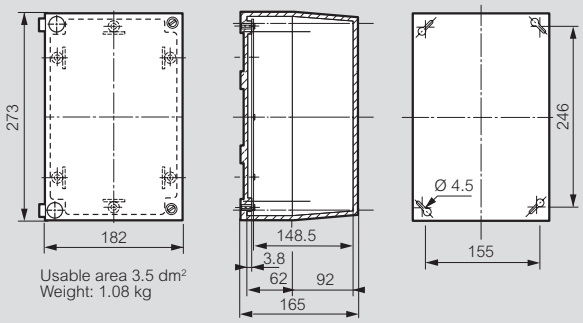
Dimensions

Boxes

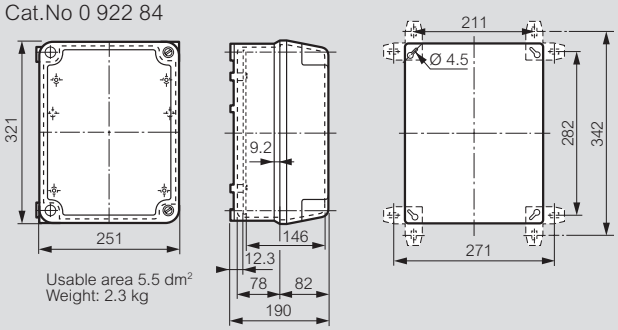
Cat.No 0 921 22



Cat.No 0 350 43



Cat.No 0 922 84



Flexible conduits

6 510 16

Accessories for conduits **p. 814**

Non flame propagating
Conform to standard EN/IEC 61386-22
Crush resistance: 750 Newtons
Supplied wrapped in film, the coil acts as a pay-out reel
The various diameters are identified by coloured ties
Surface-mounting or flush-mounting

Medium impact (ICA 3321)

Material: PVC without Pb, Sn, Cd (RoHS compliant)
Light grey (RAL 7035)
Impact resistance: 2 joules at - 5 °C
Min operating t°: - 5 °C
Max operating t°: + 60 °C
IK 07
Flush-mounted in certain cases before construction of the masonry

Pack	Cat.Nos	Ø exterior (mm)	Ø interior (mm)	colour of ties on coil
100	6 510 16	16	10.7	blue
100	6 510 20	20	14.1	red
100	6 510 25	25	18.3	green
50	6 510 32	32	24.3	white
50	6 510 40	40	31.2	white
50	6 510 50	50	39.6	white

High impact with draw wire (ICTA 3422)

Material: Polyolefin additives
Dark grey (RAL 7024)
Impact resistance: 6 joules at - 5 °C
Min operating t°: - 5 °C
Max operating t°: + 90 °C
IK 08
Prelubricated inner surface for easy pulling of the wires
Nylon-coated steel wire puller for a better resistance to corrosion
Surface mounting not recommended outside
Suitable for prefabricated concrete

Pack	Cat.Nos	Ø exterior (mm)	Ø interior (mm)	colour of ties on coil
100	6 512 16	16	10.7	blue
100	6 512 20	20	14.1	red
100	6 512 25	25	18.3	green
50	6 512 32	32	24.3	white
50	6 512 40	40	31.2	white
50	6 512 50	50	39.6	white
25	6 512 63	63	52.6	white

Characteristics

Wire cross-section in mm²	Occupation cross-section in mm²	Number of external ∅ of ducts to be used		
		Conductor(1)	Flexible(1)	Rigid(1)
1.5	8.55	2	16	16
		3	16	16
		4	20	16
		5	20	16
2.5	11.9	2	16	16
		3	20	16
		4	20	20
		5	25	20
4	15.2	2	20	16
		3	20	20
		4	25	20
		5	25	25
6	22.9	2	20	20
		3	25	20
		4	32	25
		5	32	25
10	36.32	2	25	20
		3	32	25
		4	32	32
		5	40	32
16	50.3	2	32	25
		3	32	32
		4	40	32
		5	40	40
25	75.4	2	32	32
		3	40	40
		4	50	40
		5	50	50
35	95.03	2	40	32
		3	50	40
		4	50	50
		5	63	50
50	132.7	2	50	40
		3	50	50
		4	63	63
		5	63	63
70	176.7	2	50	50
		3	63	63
		4	63	63
		5		
95	227	2	63	63
		3	63	63
		4		
		5		
120	283.5	2	63	63
		3		63
		4		
		5		
150	346.3	2	63	63
		3		
		4		
		5		

1: Based on H 07 V - U/R

Use

Surface-mounting or flush-mounting for electrical installations in residential buildings

			High impact	Medium impact
			Flexible	Flexible and rigid
Surface-mounting	Exterior		Not recommended	Possible
	Interior		Possible	Possible
Flush-mounting	Before construction	Walls	Possible	Possible
		Floors	Possible	Prohibited
	After construction		Possible	Possible

Possible · Not recommended · Prohibited

Batibox™

flush-mounting boxes for dry partitions

0 800 51

0 800 42

0 801 93

0 801 95

Installation **p. 811**

1-gang boxes

Pack	Cat.Nos Depth 40	Cat.Nos Depth 50	
20	0 800 40		**For 1 module** Drilling diameter 32 mm
50	0 800 41	0 800 51	**For 1 gang or 2 modules** Drilling diameter 67 mm For wiring accessories using screws or claws

Multi-gang boxes

Pack	Cat.Nos Depth 40	Cat.Nos Depth 50	
15	0 800 49		For wiring equipment using screws Drilling diameter 67 mm Supplied with 1 removable divider for accommodating extended functions **For 83.5 mm fixing centres** Compatible with: Arteor and Mosaic ranges 3 modules horizontal mounting
30	0 800 42	0 800 52	**For 71 mm fixing centres** Compatible with: Arteor, Mosaic, Valena Life/Allure, Niloé, Kaptika 2-gang or 4/5 modules Horizontal or vertical use
30	0 800 43	0 800 53	3-gang or 6/8 modules Horizontal or vertical use
30 | 15	0 800 44	0 800 54	4-gang or 8/10 modules Horizontal or vertical use

Universal covers

For converting wiring devices boxes into junction boxes or for closing up an existing box
Supplied without fixing screws
For one-gang or multi-gang boxes

Pack	Cat.Nos	
20	0 801 80	Round cover, Ø85 mm, for 1-gang box
20	0 892 81	Square cover, 80 x 80 mm, for 1-gang box
10	0 801 82	Cover for Batibox and Ecobatibox 2-gang box

Accessory

Pack	Cat.Nos	
20	0 801 97	Long screw Ø3 mm length 40 mm

Junction boxes

Supplied with cover and screws
Knockout base

Pack	Cat.Nos	Box ext. dim. (mm)	Cover dim. (mm)
10	0 893 72	115 x 115 x 40 mm	135 x 135 mm
10	0 893 73	160 x 105 x 40 mm	190 x 135 mm
10	0 893 74	170 x 170 x 50 mm	195 x 195 mm
10	0 893 75	230 x 170 x 50 mm	225 x 210 mm

Batibox multimedia boxes

Multi-material flush-mounting boxes for connecting wall-mounted LCD or plasma screens
Supplied with 2 Mosaic programme 5-module supports for flush-mounting high/low current functions (e.g.: 2P+E, TV sockets, HDMI, RCA sockets, etc.)
Supplied without sockets
Can be installed in advance to reserve the future space for a screen
Extra-slim cover with cut-out panel for cable outlet
Equipped with a site protective cover
Storage space for cords
Supplied with retaining bar for cords
Suitable for solid or cavity walls. Depth: 50 mm

Pack	Cat.Nos	
1	0 801 93	Max. capacity: 1 x 5 modules Dimensions: 142 x 142 mm
1	0 801 95	Max. capacity: 2 x 5 modules Dimensions: 285 x 142 mm

Box for residential environments

Pack	Cat.Nos	
5	0 893 11	4-face box: - 2 faces with 7 x Ø16, 5 x Ø20 and 1 x Ø25 - 2 faces with 6 x Ø16, 3 x Ø20, 1 x Ø25 and 1 x Ø32 Dimensions: 200 x 200 x 85 mm Autoextinguibility: 850°/5 s Fixing with screws, pins or staples Closing of lid by ¼ turn Can also be used with false ceiling and raised floors

Junction box depth 40 mm

Pack	Cat.Nos Depth 40	
10	0 800 84	For 1-gang mechanisms Drilling diameter: 85 mm Supplied with square lid 100 x 100 mm

Installation

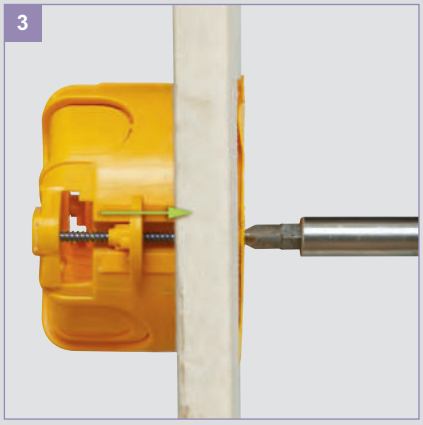
1

Hole cutter saw Ø67
Box Ø67 mm, more space for cabling

2

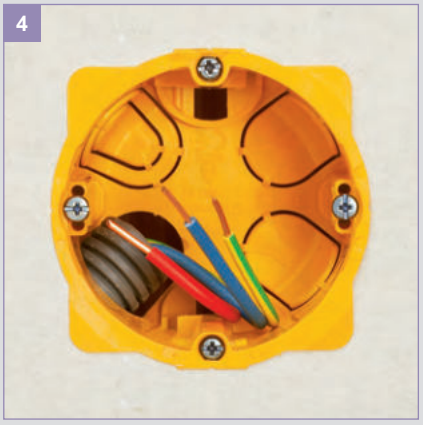
Retractable fixing claws for a better comfort during installation

3



Fixing claws adapted to the thickness of the wall
Automatic positioning, even with an electric screwdriver

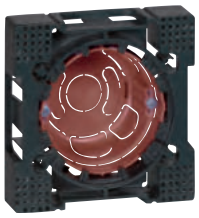
4



Large space to improve fixing (according to the drilling Ø67 to 68 mm)

Universal box and flush-mounting boxes for masonry

0 801 08 + 0 778 83



0 801 41

2 x 0 801 08 (back to back joining)

Pack	Cat.Nos	**Universal 1-gang box**
		For screw or claw mounting Supplied without screws Can be used with Arteor, Galea Life, Mosaic, Vela, Valena, Niloé and Kaptika ranges, Horizontal and vertical mounting
250	0 313 01	1-gang unit Can be fitted alongside one another Can be used as junction box with cover Cat.No 0 892 81

Pack	Cat.Nos	**1-gang boxes for masonry**
		For 1 module
10	0 801 40[1]	Depth 40 mm - Width 32 mm
		Square boxes for joining together For wiring accessories using screws or claws 1-gang boxes can be used to make up multi-gang boxes by joining Can be used horizontally or vertically 71 mm fixing centres Cutting out of internal partitions for mounting extended functions Supplied with screws fitted with protective shield Knockout cable entries, Ø16-20-255
100	0 801 41[1]	Depth 40 mm
100	0 801 51[1]	Depth 50 mm
		Round for joining together back to back Upper flange can be cut to obtain a depth of 30 mm (for controls, 2-way switches, push-buttons, etc.) Boxes can be joined back to back by 1/4 of a turn Adjustable dimensions (80, 70 or 60 mm) by cutting the flange With screws
100	0 801 08[1]	Depth 40 mm - Ø67 mm

Pack	Cat.Nos	**Multi-gang boxes for masonry**
		Batibox
10	0 801 49	For 3 module Arteor, Vela, Mosaic ranges Supplied with screws Depth 40 mm Knockout cable entries, Ø16-20-25
		Italian type boxes for masonry For screw or claw mounting devices Arteor, Mosaic, Vela ranges Supplied without screws Horizontal mounting Depth 50 mm
15	0 892 39	For 3 modules - 106 x 71 mm
5	0 892 49	For 4 modules - 130 x 71 mm
1	0 892 50	For 6 modules - 186 x 71 mm

Pack	Cat.Nos	**Multi-gang boxes for multi-material**
		For Arteor, Mosaic Depth 50 mm
1	0 801 24	2 x 2 gang or 2 x 4/5 modules Dimensions: 142 x 142 mm
1	0 801 26	2 x 3 gang or 2 x 6/8 modules Dimensions: 213 x 142 mm
1	0 801 28	2 x 10 modules Dimensions: 284 x 142 mm

Pack	Cat.Nos	**Box for 20 A and 32 A sockets**
		1-gang 85 x 85 mm
5	0 801 85	For cable outlets Cat.No 0 314 90, 20 A sockets and 32 A sockets Depth 50 mm Vertical positioning of the screws for fixing 20 A and 32 A sockets

Pack	Cat.Nos	**Box for shaver socket**
5	0 801 55	For Mosaic shaver socket Cat.No 0 775 86 (p. 1181), and Arteor shaver sockets (p. 591) Depth 50 mm

Pack	Cat.Nos	**Luminaire box with cover**
		For striplights
50	0 892 46	Ø40 mm - depth 40 mm

Pack	Cat.Nos	**Universal covers**
		For converting wiring devices boxes into junction boxes or for closing up an existing box Supplied without fixing screws For one-gang or multi-gang boxes
20	0 801 80	Round cover, Ø85 mm, for 1-gang box
20	0 892 81	Square cover, 80 x 80 mm, for 1-gang box
10	0 801 82	Cover for Batibox 2-gang box, 71 mm fixing centres

1: Box made from plastic material from the recycling of electrical products and post-consumer waste

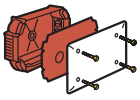
Batibox™

flush-mounting boxes for masonry

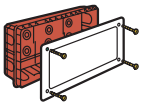
0 819 40

0 819 60

Pack	Cat.Nos	Complete junction boxes
		Rectangular with knockout cable entries Boxes supplied with cover and screws Supplied with plaster shield (except for Cat.No 0 892 71)
		Box ext. dim. (mm) / Cover dim. (mm)
10	0 892 71[1]	85 x 85 x 40 / 100 x 100
10	0 892 72[1]	120 x 120 x 40 / 140 x 140
10	0 892 73[1]	165 x 115 x 40 / 190 x 135
10	0 892 74[1]	175 x 175 x 40 / 195 x 195
10	0 892 75[1]	230 x 180 x 50 / 255 x 210



		Large capacity Accept Ø25 and 32 tubes
2	0 892 77	400 x 180 x 70 mm
2	0 892 78	390 x 245 x 70 mm

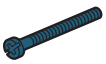


		Box for concrete walls
		One-gang box
50	0 819 40	For mounting - in wooden casing alone, - with blanking cover Cat.No 0 819 72 Fixing of screw or claw-mounting wiring accessories with ring Cat.No 0 819 60 Can be combined side by side with cover Cat.No 0 819 71 (consult us)

		Cover for concrete boxes
20	0 819 72	Installation/blanking cover used for installation on wooden casing or for blanking in back to back mounting

		Ring
20	0 819 60	Ø64 mm ring for 1-gang box Cat.No 0 819 40 Supplied with screws

		Accessory
		Screw
20	0 801 97	Long screw Ø3 mm length 40 mm for all Batibox boxes



		Fixing accessory
1	0 778 83	Fits on Batibox boxes for masonry and concrete, for fixing directly in the wall The Soliroc plate can be fixed onto this accessory with no need for drilling or using plugs in the wall 1-gang, can be joined to create 2-gang

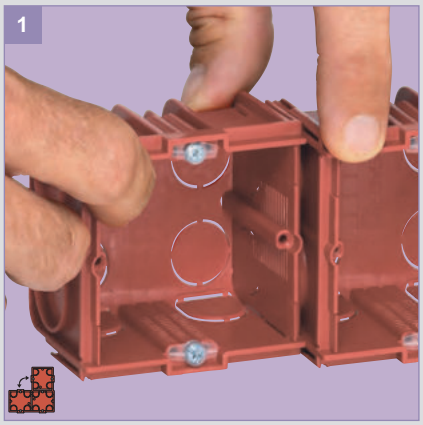
1: Box made from plastic material from the recycling of electrical products and post-consumer waste

Batibox™

flush-mounting boxes for masonry

Installation

1

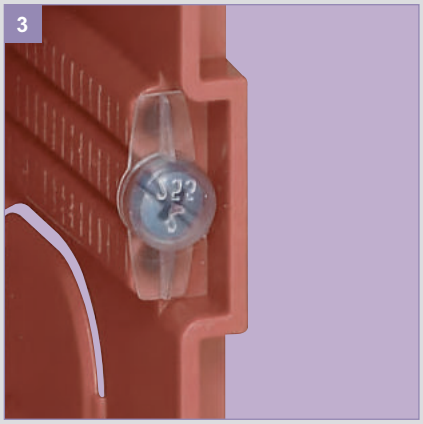


Horizontal or vertical joining of 1 gang boxes (Cat.No 0 801 41)

2

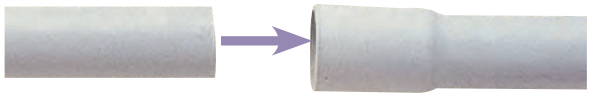
The sides can be removed before or after joining

3



The screws are supplied with protection cap (against plaster)

Rigid conduits



6 514 16

0 319 06

0 319 00

0 313 82

0 313 83

Conduit supports installation **p. 815**

Pack	Cat.Nos	
		Medium impact rigid conduits with integrated coupling
		PVC without Pb, Sn, Cd (RoHS compliant) Non flame propagating Surface-mounting or flush-mounting Suitable for prefabricated concrete Conforming to European standard: EN/IEC 61386-21 Crush resistance: 750 Newtons Impact resistance: 2 joules at - 5 °C Min operating t°: - 5 °C Max operating t°: + 60 °C IK 07 Can be used outside Supplied wrapped in film. Light grey (RAL 7035) Length of tubes: 3 m

Pack	Cat.Nos	Ø exterior (mm)	Ø interior (mm)	thickness (mm)
30	6 514 16	16	13	1.50
30	6 514 20	20	16.9	1.55
30	6 514 25	25	21.4	1.80
15	6 514 32	32	27.8	2.10

Pack	Cat.Nos			
		Clipsotubes		
		Fixing by Ø7 mm thread 150 mm pin, screw-in wall plugs Cat.No 0 319 57, screw Ø5 mm or nail For interior use Holding of flexible and rigid conduits		
	Grey RAL 7035		Ø mini (mm)	Ø maxi (mm)
100	0 319 03	For IRL Ø16 mm	15	16
100	0 319 04	For IRL Ø20 mm	18.4	20.6
100	0 319 06	For IRL Ø25 mm	22.3	25

Pack	Cat.Nos	
		Cable ties with base
		Adjustable for conduits IRL Ø16 to 32 mm or for cable Ø13 to 38 mm Fixing by Ø7 mm thread 150 mm pin, screw in wall plugs Cat.No 0 319 57, screw Ø5 mm Can be fixed using Pulsa 700 E staple gun
100	0 319 02	For interior and exterior use - U.V. protected Black colour
1000	0 319 00	For interior use - Light grey RAL 7035

Pack	Cat.Nos	
		Conduit supports with screw-in wall plug
		Conduit supports
100	0 313 80	For conduit Ø16
100	0 313 81	For conduit Ø20
50	0 313 82	For conduit Ø25
		Conduit supports accessory
200	0 313 83	For fixing in plasterboard plate

Accessories for flexible and rigid conduits

060 01

6 516 09

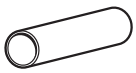
6 516 11

6 516 18

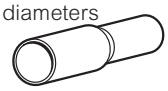
6 516 32

Light grey (RAL 7035)

Pack	Cat.Nos	
		Couplings
		For connecting conduits of the same diameter
100	060 01	Ø16 mm
100	060 02	Ø20 mm
50	060 03	Ø25 mm
25	060 04	Ø32 mm



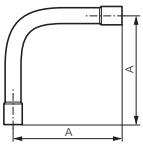
Pack	Cat.Nos	
		Reducers
		For connecting conduits of different diameters
50	6 516 09	Ø25 x 20 mm



Pack	Cat.Nos	
		Elbows
		Used to change direction even after the wires have been installed. 2-part assembly to save time and simplify installation
50	6 516 11	Ø16 mm
50	6 516 12	Ø20 mm
25	6 516 13	Ø25 mm

Pack	Cat.Nos	
		Tees
		Used to join conduits together and to change direction even after the wires have been installed 2-part assembly to save time and simplify installation
50	6 516 18	Ø16 mm
25	6 516 19	Ø20 mm
25	6 516 20	Ø25 mm

Pack	Cat.Nos	
		Bends
		90° curves
20	060 42	Ø20 mm - length: 130 mm
10	060 43	Ø25 mm - length: 160 mm
25	060 44	Ø32 mm - length: 200 mm



Pack	Cat.Nos			
		Bending springs		
		Used to bend rigid conduits		
		Ø (mm)	Length (mm)	
1	6 516 32	16	600	
1	6 516 33	20	800	
1	6 516 34	25	800	

Pack	Cat.Nos	
		Nylon draw tape
		Flexible cable which can be used to guide the wires into an unwired conduit. 2 metal end caps End cap diameter: 6 mm at both ends for attaching the wires
1	060 82	Length: 20 m

Plexo mechanisms and boxes
p. 797 to 805

Fixing devices for conduits

0 315 78

0 315 35

Cable clips come packaged so as to allow for unit distribution and storage of unused clips

Pack	Cat.Nos	Screw-in wall plugs
100	Black 0 319 57	For use with cable ties with base, clipsotube, conduit supports For fixing screw-on base and cable ties with base Ø8 mm drilling (Ø7 mm smooth material) Threaded head Ø6.6 mm pitch 150 Supplied with punch for inserting pin

Cable clips for concrete materials

Multifix

Expanding cable clips, accept several sizes of cable

Pack	Cat.Nos	Cable		Pin	
	Grey	Ø (mm)	Ø (inches)	Ø (mm)	Length (mm)
1000	0 315 77	7 to 10	9/32 to 25/64	1.8	25
100	0 315 78	10 to 14	25/64 to 9/16	1.8	30
100	0 315 79	14 to 20	9/16 to 5/8	2.5	40
30	0 315 81	25 to 32	1 to 5/4	2.5	50

Fixfor

Pack	Cat.Nos					
	Grey RAL 7035	White				
2000	0 315 24	0 315 54	5	13/64	1.8	20
1000	0 315 25	0 315 55	6	15/64	1.8	25
1000	0 315 26	0 315 56	7	9/32	1.8	25
1000	0 315 27	0 315 57	8	5/16	1.8	25
1000	0 315 28	0 315 58	9	23/64	1.8	25
100	0 315 29		10	25/64	1.8	30
100		0 315 59	10	25/64	1.8	30
100	0 315 30		12	15/32	1.8	30
100	0 315 31		14	9/16	2.5	40
100	0 315 32		16	5/8	2.5	40
80	0 315 33		17	43/64	2.5	40
60	0 315 34		19	3/4	2.5	40
40	0 315 35		22	7/8	2.5	50
20	0 315 36		29	1"9/64	2.5	50

Conduit supports

Installation Cat.Nos 0 313 80/81/82 (p. 814)

Drill to diam. 8 mm

Strike conduit support

Untie unused elements

Conduit support is fixed

Clip conduit

Lock with flap

Colson™

installation cable ties

0 319 16

0 319 25

2 008 64

3 implementing steps

Several places to access the cable ties + belt clip

Packaging
(exemple Cat.No 0 319 13)

0 319 57

0 319 02

0 319 96

0 319 97

Black Colson U.V. protected cable ties

Designed for installation with less effort
Conform to IEC 62275 type 1

External teeth
Packaging offering several places to access the cable ties and hanging options (except Cat.No 0 319 21)

Pack	Cat.Nos	Width (mm)	Flat length (mm)	Ø grip capacity (mm) max.	Ø grip capacity (mm) min.	Tensile Strength (kg)
100	0 319 10	9	123	22	4	36
100	0 319 13	9	185	42	10	36
100	0 319 16	9	262	62	26	53
100	0 319 19	9	357	92	26	53
500	0 319 20	9	498	140	74	53
100	0 319 21	9	750	220	74	53
100	0 319 22	6	119	25	4	22
1000	0 319 25	6	180	45	10	22

External teeth - large quantity boxes
Large quantity box with under conditioning: bag of 100 cable ties

5000	2 008 63	9	185	42	10	36
2500	2 008 64	9	262	62	26	53
2000	2 008 65	9	357	92	26	53

Internal teeth
Manual tightening

100	0 319 28	7.6	128	22	8	36
100	0 319 29	7.6	194	42	15	45
100	0 319 30	7.6	260	62	15	45
100	0 319 32	7.6	359	92	15	45

Black U.V. protected bases

Pack	Cat.Nos	
1000	0 319 55	Standard plug base Ø8 mm drilling (Ø7 mm smooth material)
100	0 319 58	Wall spacer plug base Ø8 mm drilling (Ø7 mm smooth material)
100	0 319 50	Screw-on base, can be fixed with plug Cat.No 0 319 57 or metal stud Ø7 mm pitch 150 or countersunk screw Ø5 mm

Black U.V. protected screw-in plug

Pack	Cat.Nos	
100	0 319 57	For fixing screw-on base and cable ties with base Ø8 mm drilling (Ø7 mm smooth material) Threaded head Ø6.6 mm pitch 150 Supplied with punch for inserting pin

Black U.V. protected cable tie with base

Pack	Cat.Nos	
100	0 319 02	Adjustable for conduits IRL Ø16 to 32 mm or for cable Ø13 to 38 mm Fixing by Ø7 mm thread 150 mm pin, screw in wall plugs Cat.No 0 319 57, screw Ø5 mm Can be fixed using Pulsa 700 E staple gun Black colour

Colson tools

Pack	Cat.Nos	
		Used for crimping and cutting off the excess strap close to the head of Colson cable ties
1	0 319 96	Tool for crimping and cutting the strap in 2 separate actions
1	0 319 97	Automatic tool Can be used to crimp Colson cable ties with one hand thanks to its automatic feedforward function After crimping, the surplus cable tie is automatically cut off without further action Simplifies installation and requires less effort Crimping tension can be adjusted with a thumbwheel at the end of the tool

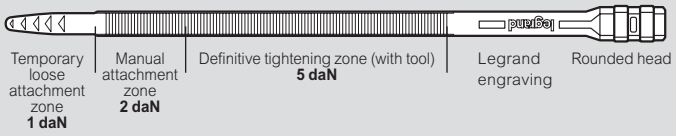
Colring cable ties
p. 450

Colson™

installation cable ties

Design of Colson cable ties with external teeth Cat.Nos. 0 319 10/13/16/19/20/21/22/25 and 2 008 63/64/65

- 3 installation zones = loose attachment option and easier tightening (reduced risk of MSDs)
- Rounded head is kinder to the hands
- Quicker to use
- Packaging has a reinforced base which doesn't open (cable ties don't all fall out), several places to access the cable ties (pre-cut sections), 1 belt clip



Performance

Conform to EN 62275 type 1
"cable ties for electrical installations"
Test conditions:
- Temperature: 23 °C
- Relative humidity of air: 50 %
- Traction speed: 25.4 mm/min

Tensile strength

Cat.Nos	Tensile strength	
	Test ⌀ (mm) according to EN 62275	Min. strength (daN)
0 319 10	20	36
0 319 13 / 2 008 63	38	36
0 319 16 / 2 008 64	38	53
0 319 19 / 2 008 65	38	53
0 319 20	74	53
0 319 21	74	53
0 319 22	20	22
0 319 25	38	22
0 319 28	20	36
0 319 29	38	45
0 319 30	38	45
0 319 32	38	45

Temperature resistance

- operating (permanent use):
from - 40 °C to + 85 °C
from - 25 °C to + 60 °C for Cat.Nos 0 319 28/29/30/32
- operating (minimum): - 30 °C, 0 °C for Cat.Nos 0 319 28/29/30/32

Resistance to external agents

Good resistance to bases, oils, greases, saline mist, oil products.
Sensitive to acids

Fire resistance

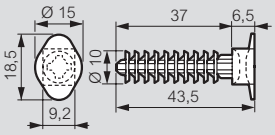
- Flame retardant
- Conform to UL 94 requirements, HB classification
- Needle-flame resistance according to IEC 60695-11-5
- Oxygen index (LOI) according to EN ISO 4589-1/ASTM D 2863-00: 19 %
- Halogen-free polyamide

UV protected according to standard IEC 62275 type 1

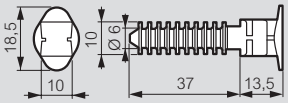
UV protected black cable ties for outdoor use
These black cable ties have successfully undergone UV resistance and climatic ageing tests representing actual conditions of use
These cycles combine 1000 hours' radiance under arc or xenon lamp according to ISO 4892-2 method 1

Dimensions of accessories

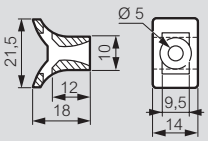
Réf. 0 319 55



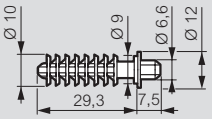
Réf. 0 319 58



Réf. 0 319 50



Réf. 0 319 57

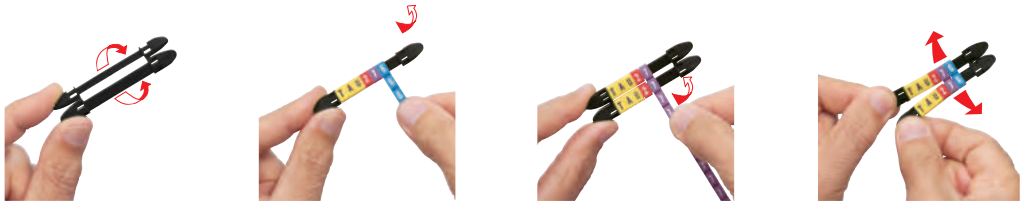


Duplix™ marking system

for cables

Cat.No 0 384 52 with label and label-holder Cat.No 0 384 98

0 384 54 with marker holder and U.V. protective cover

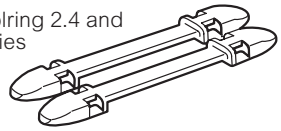


Clip-on marking system

Opened or closed marking system, with markers or labels

Marker-holders

Fitted using Colring 2.4 and 3.5 mm cable ties



Pack	Cat.Nos 7 markers	Cat.Nos 14 markers	
100	0 384 50	0 384 60	● Black
100	0 384 52	0 384 62	● Red
100	0 384 54	0 384 64	● Yellow

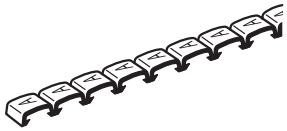
Markers

Price per marker

Numbers:
Black or white marking on colour background (international colour code)
Supplied by packs of 40 x 20 markers

Pack	Cat.Nos	
800	0 384 00	0 Black
800	0 384 01	1 Brown
800	0 384 02	2 Red
800	0 384 03	3 Orange
800	0 384 04	4 Yellow
800	0 384 05	5 Green
800	0 384 06	6 Blue
800	0 384 07	7 Purple
800	0 384 08	8 Grey
800	0 384 09	9 White

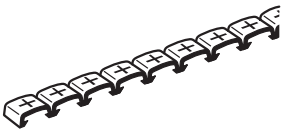
Letters:
Black on yellow background
Supplied by packs of 30 x 20 markers



Pack	Cat.Nos	
600	0 384 10	A
600	0 384 11	B
600	0 384 12	C
600	0 384 13	D
600	0 384 14	E
600	0 384 15	F
600	0 384 16	G
600	0 384 17	H
600	0 384 18	I
600	0 384 19	J
600	0 384 20	K
600	0 384 21	L
600	0 384 22	M
600	0 384 23	N
600	0 384 24	O
600	0 384 25	P
600	0 384 26	Q
600	0 384 27	R
600	0 384 28	S
600	0 384 29	T
600	0 384 30	U
600	0 384 31	V
600	0 384 32	W
600	0 384 33	X
600	0 384 34	Y
600	0 384 35	Z

Markers (continued)

Conventional symbols:
Black on a yellow background
Supplied by packs of 30 x 20 markers



Pack	Cat.Nos	
600	0 384 40	/
600	0 384 41	•
600	0 384 42	+
600	0 384 43	–
600	0 384 44	±
600	0 384 45	=
600	0 384 46	T
600	0 384 99	Blank

Accessories

Pack	Cat.Nos	
100	0 384 98	**Label-holder** Clips onto marker-holders Duplix or on end cap Cat.No 0 375 13 Holds and protects labels (length up to 36 mm, width 9 mm)
100	0 384 97	**UV protective cover** Enables closed cable marking system Clips onto label-holders for 7 markers

Other marking systems, **p. 475**

Nylbloc™ auto

screwless connection terminals

0 343 22

0 343 23

0 343 25

0 343 28

Pack	Cat.Nos	Screwless connection terminals - Nylbloc auto
		No tool direct connection after simple stripping of copper conductors Test socket for tester screwdriver for IP 2X test or Ø4 mm tip on Nylbloc auto terminals Conform to EN 60998-2-2 For rigid cable from 0.75 to 2.5 mm² Stripping length: 11 mm Connection by separate crimping blades Transparent base providing full visibility of the connections Colour code to identify products Duplix marking possible on 3, 5 and 8-wire terminals Max. intensity: 24 A Insulating voltage: 450 V~
100	0 343 22	Grey terminal for 2 wires
100	0 343 23	Orange terminal for 3 wires
100	0 343 25	Blue terminal for 5 wires
50	0 343 28	Grey terminal for 8 wires

Accessories

		Conductor stripping tool
5	0 343 99	For cable desheathing and rapid wire stripping in flush-mounting and junction boxes, in trunking For cable Ø8 mm to 13 mm (from 2 G 1.5 to 5 G 2.5 mm²) and wires 1.5 mm² and 2.5 mm²
		Nylbloc auto terminal support
10	0 343 98	For up to 3 screwless connection terminals Nylbloc auto (Cat.Nos 0 343 22/23/25/28) Direct fixing: - in top of Plexo boxes and industrial plastic cabinets ≥ 130 x 130 mm - on flat bar 12 x 2 mm - in bottom of fully assembled, adaptable and aluminium DLP trunkings (from 50 x 80 mm) Screw fixing: - in bottom of Plexo boxes ≥ 105 x 105 mm and industrial plastic cabinets - universal Fixing on rail with accessory Cat.No 0 048 11 (p. 298) Accessible test socket Marking zone with felt tip pen Cat.No 0 395 98 (p. 451)

Nylbloc™

connection strips and connectors without screws

0 342 17

0 342 21

6 340 51

0 343 38

0 343 44

0 343 51

0 343 57

Pack	Cat.Nos	Nylbloc connection strips		
		12 elements with captive screws Supplied with screws undone Flame retardant polypropylene (– 25 °C to + 100 °C) Ambient temperature from – 25 °C to + 55 °C (T 55) Conform to EN 60998-2-1 and EN 60664-1 Self-extinguishing to EN 60695-2-11 at 850° Insulation voltage: 250 V according to EN 60 998-2-1 Use at 400 V integrated in a series of products that comply with the requirements of EN 60664-1, pollution degree 2, overload category III		
	Black	Rated capacity (mm²)	Hole Ø (mm)	Max current (A)
10	0 342 11	2.5	2.5	24
10	0 342 13	6	3.5	41
10	0 342 15	10	4.5	57
10	0 342 17	16	5.5	76
10	0 342 19	25	7	101
	White			
10	0 342 21	2.5	2.5	24
10	0 342 23	6	3.5	41
10	0 342 25	10	4.5	57
10	0 342 27	16	5.5	76

Connectors without screws - Capvis caps

Rapid connection for 1.5 - 2.5 - 4 and 6 mm² solid conductor cables - 440 V insulation

Pack	Cat.Nos	Nominal capacity (mm²)	No of cables and corresponding sections (mm²)	Cap colour	Packaging type
1000	0 343 38	1.5	3 to 5 of 0.5² 2 to 4 of 0.75² 2 of 1.5²	blue	box
100	0 343 44	1.5 to 2.5	3 to 5 of 0.5² 2 to 5 of 0.75² 2 to 3 of 1.5² 2 of 2.5²	orange	box
100	0 343 51	4	2 to 4 of 1.5² 2 to 3 of 2.5² 2 of 4²	yellow	box
100	0 343 57	6	2 to 5 of 2.5² 2 to 3 of 4² 2 of 6²	red	box
2 000	6 340 51	4	2 to 4 of 1.5² 2 to 3 of 2.5² 2 of 4²	yellow	bucket
1 500	6 340 52	6	2 to 5 of 2.5² 2 to 3 of 4² 2 of 6²	red	bucket

Line taps and equipotential bonding connectors

0 340 03

0 340 33

0 340 42

0 340 45

0 343 85

Line taps

Strip of 10 separable line taps

Pack	Cat.Nos	Capacity per tap (mm²)	Width (mm)
	With feet		
10	0 340 00	2 x 6	15
10	0 340 01	2 x 10	19.5
10	0 340 02	2 x 16	21
10	0 340 03	2 x 25	21.5
10	0 340 04	2 x 35	25

Non-shear line taps

Hexagonal head

Pack	Cat.Nos	Capacity per tap (mm²)	Width of slot (max. cable Ø in mm)	Overall height (mm)	Fixing centres (mm)
	Without feet				
20	0 340 33	2 x 25	7.4	49	
10	0 340 34	2 x 50	9.5	59	
	With feet				
20	0 340 42	2 x 16	5.8	41	37
20	0 340 43	2 x 25	7.4	49	37
10	0 340 44	2 x 50	9.5	59	44
10	0 340 45	2 x 75	11.7	71	62

Equipotential bonding connectors

Used to make equipotential connections on the installation
Safe, intuitive 1/4 turn mounting ensuring an excellent, lasting equipotential link

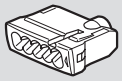
Pack	Cat.Nos	Busbar system Ø min. (mm)	Busbar system Ø max. (mm)	Max. connection cross-section (mm)
20	0 343 85	12	16	6
10	0 343 86	18	22	16
10	0 343 87	28	32	16

Screwless connection terminals and equipotential bonding connectors

Screwless connection terminals

Connection terminals Nylbloc auto Cat.Nos 0 343 22/23/25/28

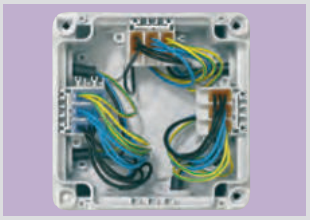
Ambient temperature: - 25 °C to + 55 °C (T55)
Self-extinguishing: 960 °C according to EN 60695-2-11
Halogen free polycarbonate



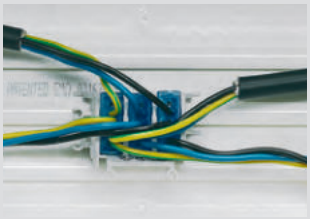
Use

Cat.No 0 343 99 tool for cable desheathing and rapid wire stripping

Test via tester Screendriver



Plexo box with support Cat.No 0 343 98 directly fixed on top part

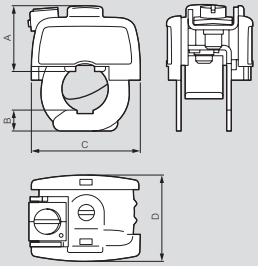


Trunking adaptable DLP with support Cat.No 0 343 98 directly fixed

Equipotential bonding connectors

Characteristics

- Resistance to incandescent wire 960 °C
- Resistivity ≤ 0.4 m Ω
- Polyamide
- Grey



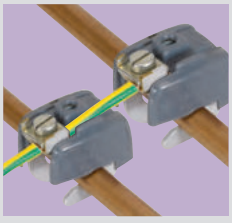
Cat.Nos	Dimensions (mm) A	B	C	D
0 343 85	24	8	40.5	31.5
0 343 86	24	9	49	40
0 343 87	24	11	59	46.5

Installation

1 Fixed with a quarter turn

2 Held in place by a stainless steel spring blade

3 Final locking with 5.5 mm screwdriver



4 Connecting the equipotential bonding with a through and/or terminating connection

USB chargers

0 506 80

0 506 81

0 506 82

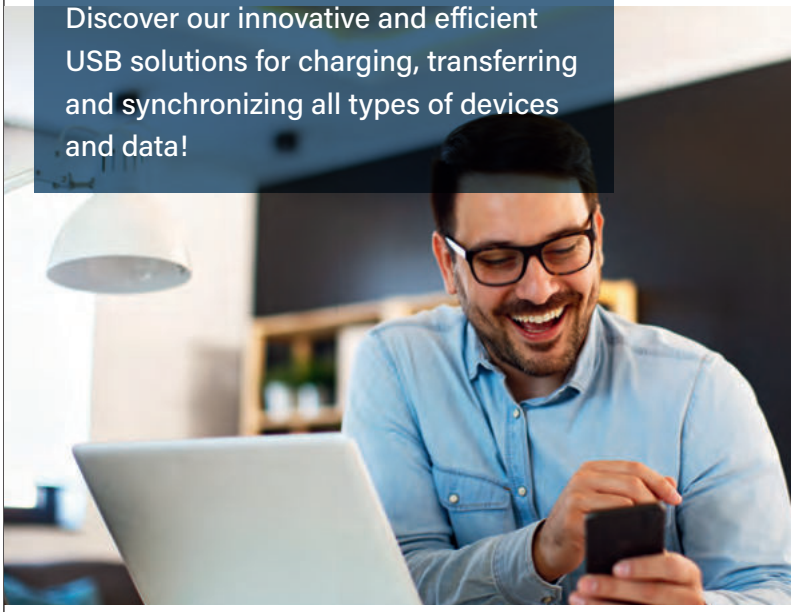
Pack	Cat.Nos	USB charging sockets
		Compatible with German, French and Italian standards Allow charging of any mobile device USB socket 5V - 1.5 A max. 2P 10 A plug (with hole for French earth)
12	0 506 80	○ White
12	0 506 81	● Black
20	0 506 82	**Dual USB car charging socket** Total power charge: 2.4 A Adapted for universal car cigarette lighter socket Double socket enabling you to charge 2 USB devices simultaneously

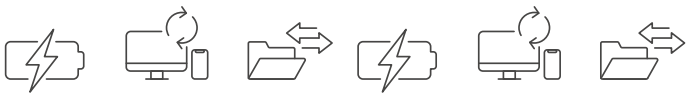
See the video on Legrand USB adaptors

USB ACCESSORIES

Creating gateways between all your Type-C and Type-A devices

Discover our innovative and efficient USB solutions for charging, transferring and synchronizing all types of devices and data!





USB Type-A / USB Type-C adaptor

To connect a USB Type-A device to a USB Type-C one

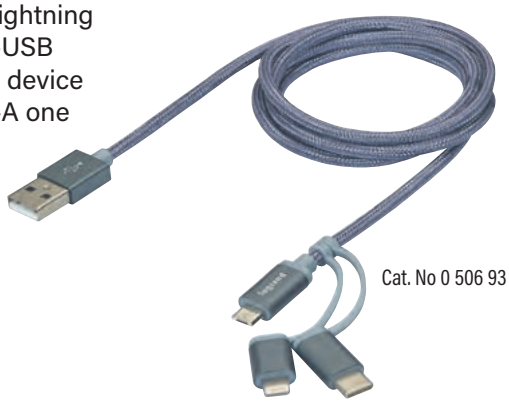
See p. 822

Cat. No 0 506 92

3-in-1 USB cable

To connect a Lightning (Apple), Micro-USB or USB Type-C device to a USB Type-A one

See p. 822



Cat. No 0 506 93

USB Type-C/USB Type-A

accessories

0 506 92 0 506 93

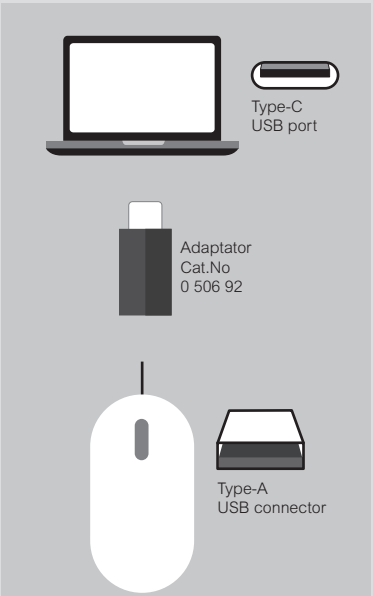
Pack	Cat.Nos	
		USB Type-A / USB Type-C adaptor
10	0 506 92	Gateway between USB Type-A devices (printers, cameras, mouses, hard disks, powerbanks...) and USB Type-C devices (smartphones, tablets, PC...) USB 3.0 OTG (On-The-Go: specification allowing the direct connection of 2 devices with no need of a host computer. All USB OTG devices can perform both master and slave roles) Equipped with 1 USB Type-A port and 1 USB Type-C socket 5 V - 12 W Functions: - charging: 2400 mA - data transfer and synchronization (films, music...): 5 Gbps data transimission (10 times faster than USB 2.0)
		3-in-1 USB cable
10	0 506 93	Allows to connect/charge/synchronize 3 types of devices with only one cable: - one end equipped with 1 Lightning socket, 1 Micro USB socket and 1 USB Type-C socket - one end equipped with 1 USB Type-A socket Functions: - charging: 2400 mA - data transfer: 480 Mbps data transmission Anti-knot braided cable Cable length: 1.20 m MFI certified. Meets Apple performance standards for iPod, iPhone and iPad. Lightning is a trademark of Apple Inc.

USB-C/USB-A accessories

Examples of Type-A USB connections to Type-C USB / Micro-USB / Lightning devices

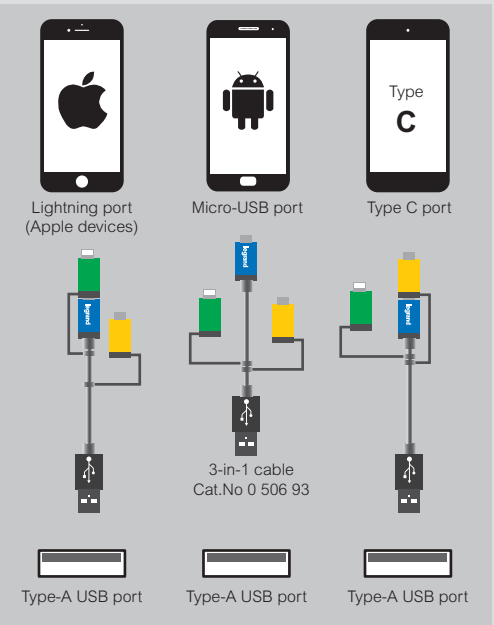
Type-A > Type-C

Use adaptor Cat.No 0 506 92 to connect a Type-A mouse to a Type-C computer



Type-A > Lightning / Micro-USB / Type-C

When a smartphone is equipped with a Lightning (Apple), Micro-USB or Type-C port, use the 3-in-1 USB cable Cat.No 0 506 93 to connect it to Type-A USB devices



Special plugs with sockets

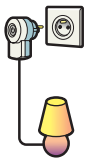
German standard

6 946 70

0 504 62

0 504 09

Pack	Cat.Nos	
8	6 946 70	**2P+E + 2 x RJ 45 socket with voltage surge protector** Protection of electrical and electronic devices and the telephone circuit against lightning and overvoltages With indicator showing the status of the voltage surge protector ADSL compatible RJ 45/RJ 11 I/O: Uc: 200 V, Uoc: 2 kV and Up: 600 V Supplied with 1.5 m RJ 11 cord
8	0 504 62	**Plug with 2P+E 16 A socket - 250 V~** Wires onto a cord connected to a device, enabling a second device to be connected to the same socket Plug 16 A/250V - 3680 W To be connected to a flexible cord 3G 1.5 mm²
8	0 504 09	**Plug with switch, 16 A - 250 V~** For fitting on a class I domestic appliance Equipped with an on/off switch Well adapted for appliance or multioutlet extensions non-equipped with an on/off button Plug 16A / 250V – 3680W To be connected to a 3G 1.5mm² flexible cord



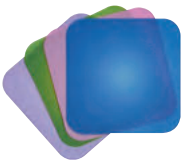
Spotlights, dimmable night lamps and night light

0 506 78

0 506 77

0 506 78
Spotlight with battery used as torch

0 506 73



Pack	Cat.Nos	
12	0 506 78	**Spotlights with battery** Equipped with 2 high luminosity LED lamps (warm light/ cold light) Light intensity can be adjusted by keeping the lens pressed, if used as spotlight Can be removed and used as a torch in case of emergency Battery life: minimum 1.5 hours Turn on automatically to maximum intensity of cold light in case of black-out ○ White
12 12	0 506 76 0 506 77	**Dimmable night lamps** High luminosity LED spotlights to be used in either auto mode (day/night automatic sensor) or manual mode (on/off switching) Light intensity can be adjusted by keeping the lens pressed ○ White ● Black
8	0 506 73	**Night light with LED with light-sensitive sensor, 230 V** Automatic lighting thanks to sensitive sensor (day/night) LED spotlight technology Supplied with 4 solid-coloured labels and 1 customisable paper label

See the video on spotlights benefits

See the video on dimmable night lamp benefits

Rubber single-socket plugs and extensions - German standard

0 503 42

0 503 43

0 513 66

Pack	Cat.Nos		
	Bulk	Gencod labelling	
25	0 504 51	0 501 81	For the supply of class II devices 2 x 1.5 mm² max. cable ● Black - straight outlet

German standard plugs 16 A - IK 08 and extensions

Screw terminals
H07 RNF 3G 2.5 mm² max. cable
● Black

Pack	Cat.Nos		
	Bulk	Gencod labelling	
			Plugs
10	0 503 42	0 501 96	Screw cable grip - IP 44
10	0 503 40		Robust gland-type cable grip which guarantees weatherproofing and tightening without tools. Optimum hold with traction of the cable grip: 30 kg at 2,5 mm² max. IP 44 + cable gland
10	0 502 52	0 969 29	Side outlet with ring. Screw cable grip
			Extensions
10	0 503 43	0 501 97	Screw cable grip - IP 44
10	0 503 44	0 501 98	Screw cable grip - IP 44 with caps closed and plugs Cat.Nos 0 503 40/42 inserted
10	0 503 41		Robust gland-type cable grip which guarantees weatherproofing and tightening without tools. Optimum hold with traction of the cable grip: 30 kg at 2,5 mm² max.
5	0 513 66		3 x 2P+E outlets - IP 44 with caps closed
5	0 513 69		3 x 2P+E outlets - IP 44 with caps closed and plugs Cat.Nos 0 503 40/42 inserted

Plastic single-socket plugs and extensions - German standard

0 501 83

0 501 75

0 501 76

0 501 72

0 501 73

Pack	Cat.Nos	
	Gencod labelling	
		6 A
30	0 501 62	○ Plug - White
15	0 501 66	○ Extension - White
30	0 501 63	● Plug - Black
30	0 501 64	● Plug - Bronze
30	0 501 65	● Plug - Aluminium
		10 A
30	0 503 12	○ Plug - White
30	0 503 14	● Plug - Black
30	0 503 13	● Plug - Bronze

2P plugs and extensions - with extraction ring

2P plugs - 16 A - extra-slim

Side outlet plugs, ideally behind an item of furniture
2 x 1.5 mm² max. cable, screw cable grip

Pack	Cat.Nos	
	Gencod labelling	
15	0 501 83	○ White
15	0 501 84	● Black

2P+E plugs - 16 A and extensions

Pack	Cat.Nos		
	Bulk	Gencod labelling	
25	0 503 15	0 501 87	○ Straight outlet plug - White
25	0 503 16	0 501 88	○ Side outlet plug - White
15	0 503 17	0 501 89	○ Straight outlet extension - White
25		0 501 77	● Straight outlet plug - Black
25		0 501 78	● Side outlet plug - Black
15		0 501 79	● Straight outlet extension - Black

2P+E plugs - 16 A and extensions with rings

3 x 2.5 mm² max. cable, screw cable grip

Pack	Cat.Nos		
	Bulk	Gencod labelling	
25	0 503 24	0 501 92	● Plug - Grey
10	0 503 25	0 501 93	● Extension - Grey
25	0 503 30	0 501 90	○ Plug - White
10	0 503 31	0 501 91	○ Extension - White
25	0 503 28	0 501 94	● Plug - Black
10	0 503 29	0 501 95	● Extension - Black

2P+E extension - 16 A - side outlet

Pack	Cat.Nos	
	Sleeve	
4	0 501 99	◑ White/Grey Removable accessory packaging enabling attachment

2P+E plugs - 16 A - easy extraction

System enabling extraction of sockets thanks to the lever-extractor
3 x 1.5 mm² max. cable, screw cable grip, side outlet

Pack	Cat.Nos	
	Gencod labelling	
5	0 501 75	○ White
5	0 501 76	◑ Black and Grey

2P+E plugs - 16 A - cable orientation

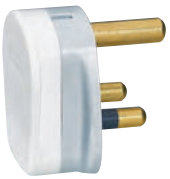
3 x 0.5 mm² max. cable, screw cable grip.
Enables the cable to be moved to 360°

Pack	Cat.Nos	
	Gencod labelling	
10	0 501 72	○ White
10	0 501 73	◑ Black and Grey

Single-socket plugs

British standard

6 500 13



6 500 15

Pack	Cat.Nos	British standard plugs
20	6 500 13	○ White 13 A - 250 V~ - 2P+⏚ With integrated fuse for protection against overloads
20	6 500 15	 15 A - 250 V~ - 2P+⏚

Multi-socket plugs and extensions

German standard

0 504 90

3 902 33

0 503 77

Pack	Cat.Nos	2P+E multi-socket plug - 16 A - rubber
5	Gencod labelling 0 504 90	Max. admissible power 3.680 W at 230 V~ **2 front outlets - shockproof IK 08** Rubber multi-socket plug with caps - IP 44 ● Black

Pack	Cat.Nos	2P+E extension leads
		With shutters to allow easy insert of the plug in the socket and to ensure safety 2P+E ergonomic socket with easy disconnection H05 VVF 3G 1.5 mm² cord Supplied with plastic hook for hanging with Gencod
10	3 902 33	**3 m length** ○ White
10	3 900 86	**5 m length** ○ White
5	3 902 34	**10 m length** ○ White

Pack	Cat.Nos	Multi-socket "octopus" extension leads ready to use - rubber
5	0 503 77	● Black - 2P+E - 16 A - IK 10 With 1 plug and 3 extensions H07 RNF 3G 1.5 and 2.5 mm² cable Length: 0.8 m

Multi-outlet extensions with cord

British standard

6 985 04

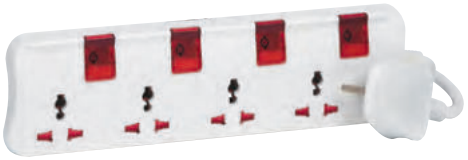
6 985 30

To connect several devices equipped with plugs with or without earth: appliances class I (simple insulation) or class II (double insulation), lamps, PC, TV, stereo, etc.
Extra-flat (only 30 mm thick): can be slid underneath furniture

Pack	Cat.Nos	Multi-outlet extensions
		Conform to BS 1363-2 - ASTA certification Sockets equipped with shutter for child protection Can be wall, desk or floor mounted thanks to key holes at the back Flame-retardant material (up to 850 °C) Overload protection by fuse (integrated in plug) Power supply cord 3m or 5m 13 A max. Power: 3250 W at 250 V - 50/60 Hz
		3 m cord – with one switch per extension cord On/Off double pole safety switch, with light indicator SASO 2815 certification Resettable MCB. Cord 1,5 mm² section
	White/Grey	
10	6 985 24	4 x 2P+E
10	6 985 25	5 x 2P+E
10	6 985 26	6 x 2P+E
		3 m cord – with one switch per socket On/Off single pole power switch, with light indicator ECAS certification
10	6 985 04	4 x 2P+E
10	6 985 05	5 x 2P+E
		5 m cord – with one switch per extension cord On/Off double pole safety switch, with light indicator SASO certification Resettable MCB. Cord 1,5 mm² section
10	6 985 34	4 x 2P+E
10	6 985 35	5 x 2P+E
10	6 985 36	6 x 2P+E
		5 m cord – with one switch per socket On/Off single pole power switch, with light indicator ECAS certification
10	6 985 14	4 x 2P+E
10	6 985 15	5 x 2P+E
		Multi-outlet extensions with 2 USB Type-A sockets - 2.4 A 12 W total
		3 m – with one switch per extension cord On/Off double pole safety switch, with light indicator SASO certification
10	6 985 30	4 x 2P+E White/Grey
10	6 985 32	4 x 2P+E Black
		5 m – with one switch per extension cord On/Off double pole safety switch, with light indicator SASO certification
10	6 985 31	4 x 2P+E White/Grey
		3 m – with one switch per socket On/Off single pole power switch, with light indicator ECAS certification
10	6 985 20	4 x 2P+E White/Grey
		5 m – with one switch per socket On/Off single pole power switch, with light indicator ECAS certification
10	6 985 21	4 x 2P+E White/Grey

Multi-outlet extensions with cord

Multi-standard



6 985 44

6 985 45

6 985 00

To connect several devices equipped with plugs with or without earth: appliances class I (simple insulation) or class II (double insulation), lamps, PC, TV, stereo, etc.
Extra-flat (only 30 mm thick): can be slid underneath furniture

Pack	Cat.Nos	Multi-standard multi-outlet extensions
		Can receive different type of standard plugs : US, British, EU... Sockets equipped with: - shutters to ensure safety - 1 switch per socket Extra flat (only 30 mm thick) can be slid underneath furniture Can be wall, desk or floor-mounted thanks to key holes at the back Flame-retardant material (up to 850 °c) Overload protection by fuse (integrated in plugs) Power supply cord 3m or 5m, with 1.25 mm² section 13 A max. Power: 3250W at 250 V - 50/60 Hz
	White/Grey	**3 m cord**
10	6 985 44	4 x 2P+E
10	6 985 45	5 x 2P+E
		5 m cord
10	6 985 74	4 x 2P+E
10	6 985 75	5 x 2P+E
		Multi-outlet extensions with 2 USB Type-A sockets - 2.4 A 12 W total
		3 m
10	6 985 00	White/Grey
10	6 985 02	Black
		5 m
10	6 985 01	White/Grey

Red catalogue numbers: New products

Multifunction multi-outlet extensions

MULTIFUNCTION MULTI-OUTLET EXTENSIONS FOR DEDICATED SPACES

Product	Nb of socket outlets		Cord	USB	SPD(1)/ MCB(2) & indicator	Wireless charger	Colour				
	2P	2P+E					○ White	● Black	◑ Taupe/ Dark Grey	◑ White/ Dark Grey	○ White/ Alu finish
	-	2	2 m 3G 1.5 mm²	Type-A + Type-C	-	Yes	-	-	6 945 00	6 945 06	-
	-	3	-	Type-A + Type-C	-	-	-	-	-	-	6 945 04
			1 m 3G 1.5 mm²	Type-A + Type-C	-	-	-	-	-	-	6 945 02
	-	4	-	-	-	-	6 945 03	-	-	-	-
			1 m 3G 1.5 mm²	-	-	-	6 945 01	-	-	-	-
	-	3	1.5 m 3G 1.5 mm²	2 Type-A	MCB	-	6 948 10	6 948 11	-	-	-
	4 (6 A)	4	2 m 3G 1.5 mm²	-	SPD	-	-	6 945 95	-	-	-
	4 (2.5 A)	4	2 m 3G 1.5 mm²	-	SPD	-	-	6 945 15	-	-	-
	-	4	1.5 m 3G 1.5 mm² (rotating)	2 Type-A	-	-	-	6 948 12	-	-	-

1: Surge Protection Device
2: Miniature Circuit Breaker

Red catalogue numbers: New products

Multifunction multi-outlet extensions (continued)

MULTIFUNCTION MULTI-OUTLET EXTENSIONS							
Product	Nb of 2P+E socket outlets	Cord	USB	SPD[1] & LED indicator	MCB[2] & overload indicator	Colour	
						◑ White/ Dark Grey	● Black/ Dark Grey
	3	Without cord	-	-	-	6 945 43	-
		1.5 m 3G 1.5 mm²	-	-	-	6 945 27	6 945 28
			Type-A + Type-C	Yes	-	6 945 08	6 945 12
		3 m 3G 1.5 mm²	-	-	-	6 945 35	-
		5 m 3G 1.5 mm²	-	-	-	6 945 41	-
	4	Without cord	-	-	-	6 945 44	6 945 45
		1.5 m 3G 1.5 mm²	-	-	-	6 945 29	6 945 30
			-	Yes	-	6 945 07	6 945 11
			-	-	Yes	6 945 25	-
		3 m 3G 1.5 mm²	-	-	-	6 945 36	6 945 37
	5	Without cord	-	-	-	6 945 46	-
		1.5 m 3G 1.5 mm²	-	-	-	6 945 31	6 945 32
			Type-A + Type-C	Yes	-	6 945 10	6 945 14
		3 m 3G 1.5 mm²	-	-	-	6 945 38	-
		5 m 3G 1.5 mm²	-	-	-	6 945 42	-
	6	Without cord	-	-	-	6 945 47	6 945 48
		1.5 m 3G 1.5 mm²	-	-	-	6 945 33	6 945 34
			-	Yes	-	6 945 09	6 945 13
			-	-	Yes	6 945 26	-
		3 m 3G 1.5 mm²	-	-	-	6 945 39	6 945 40
	4	2 m 3G 1.5 mm²	-	Yes	-	6 945 05	-

1: Surge Protection Device
2: Miniature Circuit Breaker

Red catalogue numbers: New products

Multi-outlet plugs and extensions

MULTI-OUTLET PLUGS

Product	Nb of socket outlets		Socket outlet orientation	Rotating	USB	Colour			
	2P	2P+E				◑ White/Light Grey	◑ White/Dark Grey	● Black/Dark Grey	◑ Alu finish/ Dark Grey
	2	-	Side	-	Type-A + Type-C		6 945 91 (5 A) 0 494 01 (12 A)	-	-
	4			-	-	6 945 90 (10 A) 0 494 00 (16 A)	-	-	-
	-	2	Front	-	-	6 945 16	-	6 945 17	-
		3		-	-	6 945 18	-	6 945 19	-
	-	2	Side	Yes	Type-A + Type-C	-	6 945 22	-	6 945 24
		3		-	-	-	6 945 20	-	6 945 23
				Yes	-	-	6 945 21	-	-

MULTI-OUTLET EXTENSIONS FOR UNIVERSAL USE

Product	Nb of 2P+E socket outlets	Cord	Colour		
			◑ White/Light Grey	● Black/Dark Grey	◑ White/Soft blue
	3	Without cord	6 945 73	6 945 74	-
		1.5 m 3G 1.5 mm²	6 945 49	6 945 50	6 945 51
		3 m 3G 1.5 mm²	6 945 59	6 945 60	-
		5 m 3G 1.5 mm²	6 945 67	6 945 68	-
	4	Without cord	6 945 75	6 945 76	-
		1.5 m 3G 1.5 mm²	6 945 52	6 945 53	6 945 54
		3 m 3G 1.5 mm²	6 945 61	6 945 62	-
		5 m 3G 1.5 mm²	6 945 69	6 945 70	-
	5	Without cord	6 945 77	6 945 78	-
		1.5 m 3G 1.5 mm²	6 945 55	6 945 56	-
		3 m 3G 1.5 mm²	6 945 63	6 945 64	-
		5 m 3G 1.5 mm²	6 945 71	-	-
	6	Without cord	6 945 79	6 945 80	-
		1.5 m 3G 1.5 mm²	6 945 57	6 945 58	-
		3 m 3G 1.5 mm²	6 945 65	6 945 66	-
		5 m 3G 1.5 mm²	6 945 72	-	-

Red catalogue numbers: New products

MULTI-OUTLET SOLUTIONS

Plug in as you wish, anywhere!

Whether you want to recharge devices or plug in your equipment, our innovative and ingenious multi-outlet solutions will meet your needs efficiently, anywhere in your home or at work!

See p. 833

TV multi-outlet extension
Cat. No 6 945 95

See p. 833

Angled multi-outlet extension with USB ports
Cat. No 6 945 02

See p. 833

Charging station with wireless charger and USB ports
Cat. No 6 945 00

See p. 834

Clip-on multi-outlet extension
Cat. No 6 948 12

Multifunction multi-outlet extensions

6 945 44

6 945 27

6 945 32

For indoor use only
16 A - 230 V - 3680 W MAX

Pack	Cat.Nos	Multi-outlet extensions without cord - with switch
		Equipped with: - flush socket outlets angled 45° (except for one angled 90° for plugging in a bulky transformer without locking out another socket) - 1 On/Off illuminated switch - rotating body To be cabled with a 3G 1.5 mm² cord Can be fixed with screws (not supplied) or cable ties (not supplied)
		3 x 2P+E
5	6 945 43	◑ White/Dark Grey
		4 x 2P+E
5	6 945 44	◑ White/Dark Grey
5	6 945 45	● Black/Dark Grey
		5 x 2P+E
5	6 945 46	◑ White/Dark Grey
		6 x 2P+E
5	6 945 47	◑ White/Dark Grey
5	6 945 48	● Black/Dark Grey

Pack	Cat.Nos	Multi-outlet extensions with cord and switch
		Equipped with: - flush socket outlets angled 45° (except for one angled 90° plugging in a bulky transformer without locking out another socket) - 1 On/Off illuminated switch - rotating body Can be fixed with screws (not supplied) or cable ties (not supplied)
		3 x 2P+E - 1.5 m cord
5	6 945 27	◑ White/Dark Grey - 3G 1.5 mm²
5	6 945 28	● Black/Dark Grey - 3G 1.5 mm²
		3 x 2P+E - 3 m cord
5	6 945 35	◑ White/Dark Grey - 3G 1.5 mm²
		3 x 2P+E - 5 m cord
5	6 945 41	◑ White/Dark Grey - 3G 1.5 mm²
		4 x 2P+E - 1.5 m cord
5	6 945 29	◑ White/Dark Grey - 3G 1.5 mm²
5	6 945 30	● Black/Dark Grey - 3G 1.5 mm²
		4 x 2P+E - 3 m cord
5	6 945 36	◑ White/Dark Grey - 3G 1.5 mm²
5	6 945 37	● Black/Dark Grey - 3G 1.5 mm²
		5 x 2P+E - 1.5 m cord
5	6 945 31	◑ White/Dark Grey - 3G 1.5 mm²
5	6 945 32	● Black/Dark Grey - 3G 1.5 mm²
		5 x 2P+E - 3 m cord
5	6 945 38	◑ White/Dark Grey - 3G 1.5 mm²
		5 x 2P+E - 5 m cord
5	6 945 42	◑ White/Dark Grey - 3G 1.5 mm²

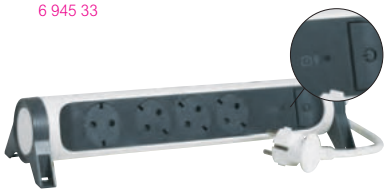
Red catalogue numbers: New products

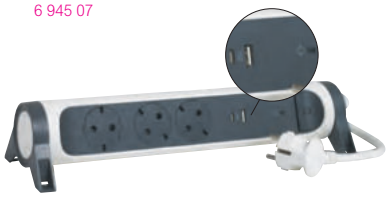
Multifunction multi-outlet extensions (continued)

6 945 33

6 945 07

6 945 13


6 945 25


6 945 08

6 945 14

For indoor use only
16 A - 230 V - 3680 W MAX

Pack	Cat.Nos	Multi-outlet extensions with cord and switch (continued)
		6 x 2P+E - 1.5 m cord
5	6 945 33	◑ White/Dark Grey - 3G 1.5 mm²
5	6 945 34	● Black/Dark Grey - 3G 1.5 mm²
		6 x 2P+E - 3 m cord
5	6 945 39	◑ White/Dark Grey - 3G 1.5 mm²
5	6 945 40	● Black/Dark Grey - 3G 1.5 mm²

Multi-outlet extensions with cord and SPD

Equipped with:
- flush socket outlets angled 45° (except for one angled 90° plugging in a bulky transformer without locking out another socket)
- 1 On/Off illuminated switch
- rotating body

Can be fixed with screws (not supplied) or cable ties (not supplied)
Integrated surge protective device (SPD): protects electronic equipment against lightning strikes
Indicator signalling the surge protective device status:
- green LED: the multi-outlet extension is protected
- LED off: the multi-outlet extension is not protected but functional

Pack	Cat.Nos	
		4 x 2P+E - 1.5 m cord
5	6 945 07	◑ White/Dark Grey - 3G 1.5 mm²
5	6 945 11	● Black/Dark Grey - 3G 1.5 mm²
		6 x 2P+E - 1.5 m cord
5	6 945 09	◑ White/Dark Grey - 3G 1.5 mm²
5	6 945 13	● Black/Dark Grey - 3G 1.5 mm²

Multi-outlet extensions with cord, MCB and overload indicator

Equipped with:
- flush socket outlets angled 45° (except for one angled 90° plugging in a bulky transformer without locking out another socket)
- 1 On/Off illuminated switch
- rotating body

Can be fixed with screws (not supplied) or cable ties (not supplied)
Resettable overload protection (MCB) with LED indicator:
- green LED: normal consumption
- red LED: near maximum charge
- LED off: power off due to an overload. To reset, unplug the device and press the reset button on the side of the multi-outlet extension

Pack	Cat.Nos	
		4 x 2P+E - 1.5 m cord
5	6 945 25	◑ White/Dark Grey - 3G 1.5 mm²
		6 x 2P+E - 1.5 m cord
5	6 945 26	◑ White/Dark Grey - 3G 1.5 mm²

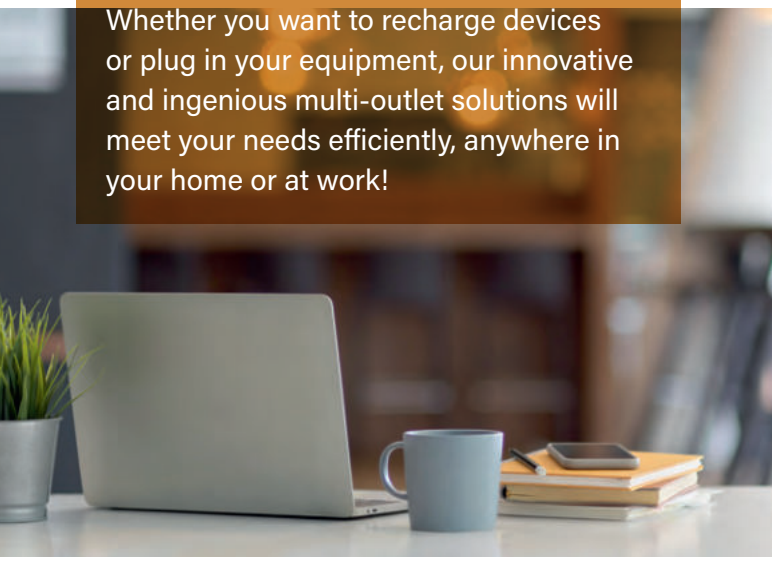
Multi-outlet extensions with cord, SPD and USB ports

Equipped with:
- flush socket outlets angled 45° (except for one angled 90° plugging in a bulky transformer without locking out another socket)
- 1 On/Off illuminated switch
- 2 x USB Type-A and USB Type-C ports, 3.0 A - 5.0 V - 15 W MAX. Used for recharging smartphones, tablets and other electronic devices
- rotating body

Can be fixed with screws (not supplied) or cable ties (not supplied)
Integrated surge protective device (SPD): protects electronic equipment against lightning strikes
Indicator signalling the surge protective device status:
- green LED: the multi-outlet extension is protected
- LED off: the multi-outlet extension is not protected but functional

Pack	Cat.Nos	
		3 x 2P+E - 1.5 m cord
5	6 945 08	◑ White/Dark Grey - 3G 1.5 mm²
5	6 945 12	● Black/Dark Grey - 3G 1.5 mm²
		5 x 2P+E - 1.5 m cord
5	6 945 10	◑ White/Dark Grey - 3G 1.5 mm²
5	6 945 14	● Black/Dark Grey - 3G 1.5 mm²

Innovation, safety & ease at all times



Whether you want to recharge devices or plug in your equipment, our innovative and ingenious multi-outlet solutions will meet your needs efficiently, anywhere in your home or at work!

Redesigned sockets (Legrand Patent)

With the Legrand flush socket, you have a safe and attractive socket which prevents dust from accumulating. The socket recess only moves back when the plug is inserted.

Protection you can rely on

With surge-protected (SPD) or overload-protected (MCB) solutions, you can safely plug in your devices, day in, day out!

Multiple charging solutions

USB Type-A, USB Type-C or wireless: with Legrand solutions, you can choose one of a number of charging methods, for total flexibility! The advantage of a wireless charging station: no need to plug in.

Multifunction multi-outlet extensions (continued)

6 945 05

For indoor use only
16 A - 230 V - 3680 W MAX

Pack	Cat.Nos	**Vertical multi-outlet extension with cord, switch and SPD**
3	6 945 05	Can be put on the floor to connect and protect all devices Equipped with: - 4 x 2P+E flush socket outlets angled 45° (except for one angled 90° for plugging in a bulky transformer without locking out another socket) - 1 On/Off illuminated switch on top of the multi-outlet extension - 3G 1.5 mm² cord (length: 2 m) - rotating body - clip for cable management on top of the multi-outlet extension Integrated surge protective device (SPD): protects electronic equipment against lightning strikes Indicator signalling the surge protective device status: - green LED: the multi-outlet extension is protected - LED off: the multi-outlet extension is not protected but functional Can be fixed with screws (not supplied) ◑ White/Dark Grey

Red catalogue numbers: New products

Multifunction multi-outlet extensions (continued)

6 945 00

6 945 06

6 945 95

6 945 02

For indoor use only

Pack	Cat.Nos	Multi-outlet extensions for dedicated spaces
		Charging stations with wireless charger and USB ports - for bed corner and workstation 10 A - 230 V - 2300 W MAX Compact charging stations with 5 ports equipped with: - 2 x 2P+E flush socket outlets - wireless charger for 10.0 W Qi-certified smartphones (with non-slip surface and charging indicator). Direct view on screen while charging - USB Type-A and USB Type-C ports: 3.0 A - 5.0 V - 15 W MAX - black 3G 1.5 mm² cord (length: 2 m)
3	6 945 00	◑ Taupe/Dark Grey
3	6 945 06	◑ White/Dark Grey
		TV multi-outlet extensions with cord, switch and SPD 16 A - 230 V - 3680 W MAX Special design for perfect integration and cable management in TV corner Equipped with: - 4 x 2P+E (16 A) and 4 x 2P socket outlets - 1 On/Off illuminated switch - 3G 1.5 mm² cord (length: 2 m) Integrated surge protective device (SPD): protects electronic equipment against lightning strikes Indicator signalling the surge protective device status: - green LED: the multi-outlet extension is protected - LED off: the multi-outlet extension is not protected but functional Aluminum (metal) cover allowing the installation of another device on top of the multi-outlet extension
3	6 945 95	● Black (2P socket outlets: 6 A)
3	6 945 15	● Black (2P socket outlets: 2.5 A)
		Angled multi-outlet extensions 16 A - 230 V - 3680 W MAX Adapted design for perfect integration in kitchen or workstation angle Equipped with: - flush socket outlets angled 45° - cable management at the back - removable part at the back to pass the cable through Solutions without cord: to be cabled with a 3G 1.5 mm² cord
5	6 945 02	◑ 3 x 2P+E - White/Alu finish With 1 m white cord 3G 1.5 mm² Equipped with 2 USB Type-A and USB Type-C ports: 3.0 A - 5.0 V - 15 W MAX
5	6 945 04	◑ 3 x 2P+E - White/Alu finish Without cord Equipped with 2 USB Type-A and USB Type-C ports: 3.0 A - 5.0 V - 15 W MAX
5	6 945 01	○ 4 x 2P+E - White With 1 m white cord 3G 1.5 mm²
5	6 945 03	○ 4 x 2P+E - White Without cord

Multifunction multi-outlet extensions

Wireless power charging

• Products certified QI-WPC*
Low-emission technology compatible with the ICNIRP specifications concerning protecting people against electromagnetic fields

This wireless technology makes it possible to do away with cords and connectors

• Global standard
Adopted by the car industry and CHRs (Cafés/Hotels/Restaurants)
Incorporated in 100% of Qi-enabled smartphones
Average charging time < 2 hrs

Main compatible smartphones

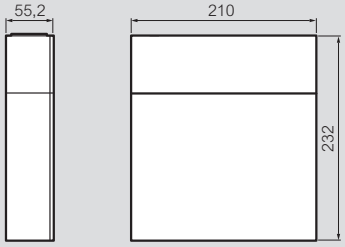
See the full list on www.wirelesspowerconsortium.com

Brand	Range	Smartphone models
Apple	iPhone	13 / 12 / 11 / X / 8 / 8+
Samsung	Galaxy	S22 / S21 / S20 / S10 / S9 / S8 / S7 / S6 (Edge)
LG	G	V40 / V30 / G8 / G7 / G6 / G5 / G4 / G3
Sony	Xperia	Z4v / Z3v / XZ3 / XZ2

TV multi-outlet extension with cord, switch and surge protective device Cat.No 6 945 95/15

Example of implementation

Dimensions (in mm)



Opening system

Multifunction multi-outlet extensions (continued)

6 948 10

6 948 11

6 948 12

For indoor use only
16 A - 230 V - 3680 W MAX

Pack	Cat.Nos	Multi-outlet extensions for dedicated spaces (continued)
		Multi-outlet extensions with tablet support Equipped with: - 3 x 2P+E socket outlets - 2 x USB Type-A inputs (2.4 A Total) - 1 built-in non-slip tablet stand - 1 On/Off illuminated switch with resettable circuit breaker (16 A) - 3G 1.5 mm² cord (length 1.5 m)
1	6 948 10[1]	○ White
1	6 948 11[1]	● Black
		Clip-on multi-outlet extension Equipped with: - 4 x 2P+E socket outlets - 2 x USB Type-A ports (3.4 A Total) - 1 On/Off illuminated switch - rotating 3G 1.5 mm² cord (length 1.5m), can be turned by 90° To be clipped onto a table or a desk (maximum thickness: 63 mm) Allows you to hide power outlets under a desk while leaving USB charging modules accessible
10	6 948 12	● Black

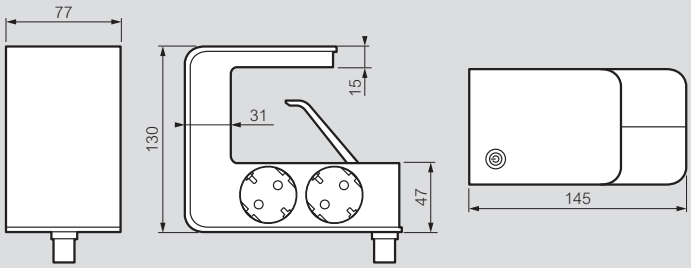
1: Available until stock lasts

Multifunction multi-outlet extensions

Clip-on multi-outlet extension Cat.No 6 948 12

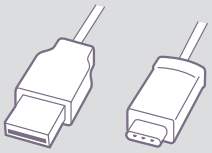
Example of implementation

Dimensions (in mm)



USB Type-C standardisation

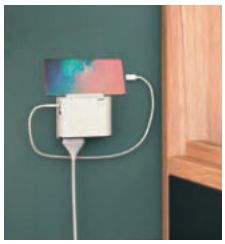
USB Type-C: new miniaturised reversible version of the traditional USB connector (Type-A)



Type-A Type-C

The European Commission and major smartphone manufacturers have signed an M.o.U (Memorandum of Understanding) aiming to standardise equipment and use of Type-C connectors
7 leading manufacturers are signatories to the agreement guaranteeing compatibility of their smartphones with USB Type-C chargers: Apple, Samsung, Google, LG, Sony, Lenovo, Motorola
Standardisation:
- simplifies connection for users
- optimises charging performance and ensures compatibility
Legrand's new multi-outlet extensions integrate USB Type-A and USB Type-C to cover any scenario depending on the device to be connected

Multi-outlet plugs and extensions for universal use


6 945 91

6 945 16

6 945 20

6 945 24

6 945 77

6 945 51

6 945 53

6 945 57

For indoor use only

Pack	Cat.Nos	Multi-outlet plugs - 2P
		To plug in a 2P+E wall-mounted socket outlet
		◑ White/Light Grey
10	6 945 90	10 A - 230 V - 2300 W MAX 4 x 2P 2.5 A side outlets
10	0 494 00	16 A - 230 V - 3680 W MAX 4 x 2P 6 A side outlets
		Multi-outlet plugs - 2P - with USB chargers
		To plug in a 2P+E wall-mounted socket outlet USB Type-A and USB Type-C ports: 3.0 A - 5.0 V - 15 W MAX Used for recharging smartphones, tablets and other electronic devices; charging cord not provided Equipped with a smartphone support
		◑ White/Dark Grey
10	6 945 91	5 A - 230 V - 1150 W MAX 2 x 2P 2.5 A side outlets
10	0 494 01	12 A - 230 V - 2760 W MAX 2 x 2P 6 A side outlets
		Multi-outlet plugs - 2P+E
		16 A - 230 V - 3680 W MAX
		2 x 2P+E front outlets
10	6 945 16	◑ White/Light Grey
10	6 945 17	● Black/Dark Grey
		3 x 2P+E front outlets
10	6 945 18	◑ White/Light Grey
10	6 945 19	● Black/Dark Grey
		3 x 2P+E side outlets
10	6 945 20	◑ White/Dark Grey
10	6 945 23	◑ Alu finish/Dark Grey
		3 x 2P+E side outlets - rotating
10	6 945 21	◑ White/Dark Grey
		2 x 2P+E side outlets - rotating - USB ports
		USB Type-A and USB Type-C ports: 3.0 A - 5.0 V - 15 W MAX
10	6 945 22	◑ White/Dark Grey
10	6 945 24	◑ Alu finish/Dark Grey
		Multi-outlet extensions without cord
		16 A - 230 V - 3680 W MAX Equipped with socket outlets angled 45° (except for one angled 90° for plugging in a bulky transformer without locking out another socket) Extra-flat: can be slid underneath furniture To be cabled with a 3G 1.5 mm² cord
		3 x 2P+E
10	6 945 73	◑ White/Light Grey
10	6 945 74	● Black/Dark Grey
		4 x 2P+E
10	6 945 75	◑ White/Light Grey
10	6 945 76	● Black/Dark Grey
		5 x 2P+E
10	6 945 77	◑ White/Light Grey
10	6 945 78	● Black/Dark Grey
		6 x 2P+E
10	6 945 79	◑ White/Light Grey
10	6 945 80	● Black/Dark Grey

Pack	Cat.Nos	Multi-outlet extensions with cord
		16 A - 230 V - 3680 W MAX Equipped with socket outlets angled 45° (except for one angled 90° for plugging in a bulky transformer without locking out another socket) Extra-flat: can be slid underneath furniture
		3 x 2P+E - 1.5 m cord
10	6 945 49	◑ White/Light Grey - 3G 1.5 mm²
10	6 945 50	● Black/Dark Grey - 3G 1.5 mm²
10	6 945 51	◑ White/Soft blue - 3G 1.5 mm²
		3 x 2P+E - 3 m cord
10	6 945 59	◑ White/Light Grey - 3G 1.5 mm²
10	6 945 60	● Black/Dark Grey - 3G 1.5 mm²
		3 x 2P+E - 5 m cord
10	6 945 67	◑ White/Light Grey - 3G 1.5 mm²
10	6 945 68	● Black/Dark Grey - 3G 1.5 mm²
		4 x 2P+E - 1.5 m cord
10	6 945 52	◑ White/Light Grey - 3G 1.5 mm²
10	6 945 53	● Black/Dark Grey - 3G 1.5 mm²
10	6 945 54	◑ White/Soft blue - 3G 1.5 mm²
		4 x 2P+E - 3 m cord
10	6 945 61	◑ White/Light Grey - 3G 1.5 mm²
10	6 945 62	● Black/Dark Grey - 3G 1.5 mm²
		4 x 2P+E - 5 m cord
10	6 945 69	◑ White/Light Grey - 3G 1.5 mm²
10	6 945 70	● Black/Dark Grey - 3G 1.5 mm²
		5 x 2P+E - 1.5 m cord
10	6 945 55	◑ White/Light Grey - 3G 1.5 mm²
10	6 945 56	● Black/Dark Grey - 3G 1.5 mm²
		5 x 2P+E - 3 m cord
10	6 945 63	◑ White/Light Grey - 3G 1.5 mm²
10	6 945 64	● Black/Dark Grey - 3G 1.5 mm²
		5 x 2P+E - 5 m cord
10	6 945 71	◑ White/Light Grey - 3G 1.5 mm²
		6 x 2P+E - 1.5 m cord
10	6 945 57	◑ White/Light Grey - 3G 1.5 mm²
10	6 945 58	● Black/Dark Grey - 3G 1.5 mm²
		6 x 2P+E - 3 m cord
10	6 945 65	◑ White/Light Grey - 3G 1.5 mm²
10	6 945 66	● Black/Dark Grey - 3G 1.5 mm²
		6 x 2P+E - 5 m cord
10	6 945 72	◑ White/Light Grey - 3G 1.5 mm²

Travel adaptors and TV plugs

0 503 87

0 503 82

0 503 85

0 503 86

0 500 10

Pack	Cat.Nos	Travel adaptors
		With safety shutters For connecting a plug onto a different standard socket ◐ White/Grey
	Cardboard	**Multi-standard -> British standard adaptor**
10	0 503 87	2P+E - 13 A outlet - 3250 W at 250V∿ Multi-standard plug on a British standard socket Overload protection by fuse (integrated)
		British standard adaptor → French standard adaptor
10	0 503 83	2P+E - 16 A outlet - 13 A input - 3.000 W at 230 V∿ British standard plug on a French or German standard socket
		German standard adaptor → French standard adaptor
10	0 503 82	2P+E - 16 A outlet - 3.680 W in 230 V∿ German standard plug (countries: Germany, Spain, Austria, Portugal, Greece, Hungary…) on a French socket
		2P adaptors - Euro/US
10	0 503 85	US standard → European standard US standard plug on a French or German standard socket - 1.380 W max.
10	0 503 86	European standard → US standard French or German standard plug on a US standard socket - 1.875 W max.

		TV plugs
		Ø9.52 mm
50	0 500 09	Male plug
50	0 500 10	Female plug

Fluorescent inspection lamps

German standard

0 622 11

0 622 15

0 622 42

Conform to EN 61 242 A 11
3000 W - 230 V∿ (cable fully unrolled) with thermal switch protection (manually resettable)

Pack	Cat.Nos	E27 inspection lamps
		Steel rotary guard with protective coating Supplied with LED lamp for better impact resistance Also works with 230 V compact fluorescent and halogen lamps with an E27 base. Rubber handle Protective glass made of toughened glass
		IP 55 - with switch and adjustable clamp
1	0 622 11	230 V - with 2P plug - 10/16 A 10 m cable - Class II
		IP 55 - without clamp
1	0 622 10	230 V - with 2P plug - 10/16 A 10 m cable - Class II
1	0 622 15	24 V - with straight Hypra plug 10 m cable - Class III

		LED inspection lamp
1	0 622 42	Rubber membrane gland and handle Shockproof lamp glass LED 900 lumens - IK05 IP64 in inspection lamp configuration hung up on its hook 5 m long power cord with 2P plug, red for increased visibility Withstands extreme temperatures: -20°C/+40°C

Red catalogue numbers: New products

Lighting equipment

0 601 30

0 601 80

0 601 96

0 401 92

0 401 93

0 401 94

0 401 75

Pack	Cat.Nos	
		Ceiling roses
		Terminals: 5 x 0.75 mm², 3 x 1.5 mm², 2 x 2.5 mm², 2 x 4 mm² Strong load grips support: up to 5 kg
		With screw connection
10	0 601 95	3 pin ceiling rose - 250 V - 6A
		With plug-in connection
20	0 601 96	3-pin
20	0 601 98	4 pin white. Fire resistant UL94Vo
20	0 601 97	4 pin red. Fire resistant UL 94 Vo
50	0 601 21	**E 27 lampholder** Insulating material - 100 W Screw connection Threaded base - single bushing 10 mm connector With retaining screw 4 A - 250 V~
		Lampholders for public lighting
10	0 601 30	Porcelain - white Base retaining clip, protective skirt 4 A - 250 V~
10	0 601 80	E 27 lampholder Base retaining clip - 16 A max. One piece unit 16 A - 500 V~ E 40 lampholder
		Cord switches
		Fluorescent Easy connection by cutting the 2 wires Double pole
20	0 401 87	White spotted
		Coloured Easy connection by cutting the 2 wires Double pole
20	0 401 92	White
20	0 401 93	Old gold, old gold rocker
20	0 401 94	Black
		Door contact switch
10	0 401 75	Normally closed contactor complete with roller actuator Automatically illuminates cupboards upon opening of the door Single pole 2 A - 250 V

Shaverlights

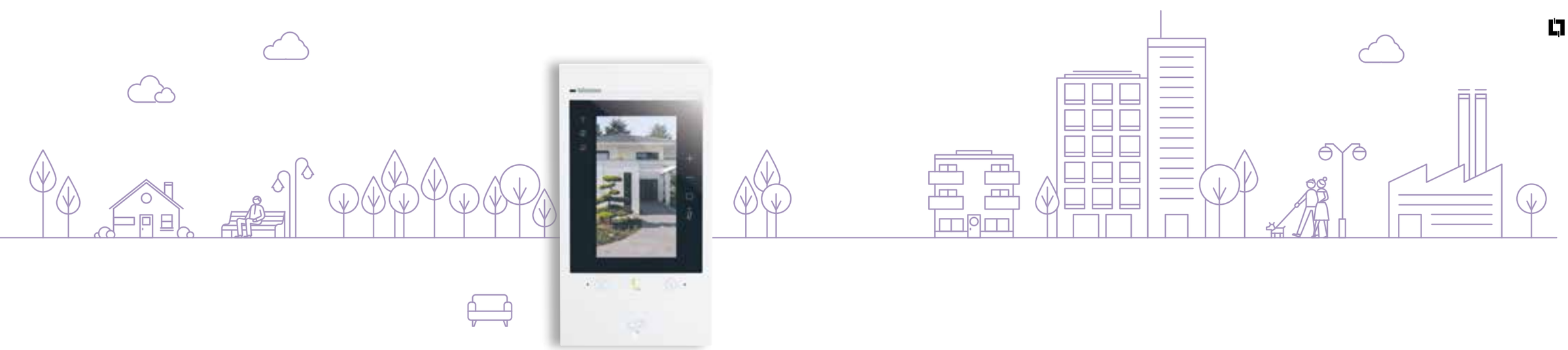
SL-189800

SL-189820

IP 44 / IK 07
Horizontal or vertical mounting
Screwless connection terminals
Lifetime : 40 000 hours
Temperature : 4000K
Installation areas : collective housing, student housing, hotels, schools, health institutions, prisons...

Pack	Cat.Nos	
		Led Compact Shaverlights - 700 lm
		Dimensions: 5.6 x 36 cm
1	SL-189800	ON/OFF
1	SL-189801	With sensitive switch
		Led Shaverlights - 800 lm
		Dimensions: 6 x 50 cm
1	SL-189810	Without switch
1	SL-189820	With sensitive switch
1	SL-189830	With motion sensor

Red catalogue numbers: New products



DOOR ENTRY SYSTEMS, NETATMO SAFETY DEVICES AND HOME NETWORK SOLUTIONS

▶ NEW PRODUCTS

P. 854
Classe 300EOS with Netatmo connected video door entry kits

P. 867
Smarther AC with Netatmo connected thermostat for air conditioning

P. 874
Practibox S multimedia home network cabinet

DOOR ENTRY SYSTEMS

P. 840
Radio wireless chimes, other chimes and bells

P. 846
7" EASYKIT connected video kits, 2-wire

P. 846 N
7" EASYKIT PLUS video kits, 2-wire

P. 846 N
7" EASYKIT Essential video kits, 2-wire

P. 850
7" EASYKIT video kits, 4-wire

P. 850
4.3" EASYKIT video kits 4-wire

P. 850
EASYKIT audio kit, 4-wire

P. 854 N
Classe 300EOS with Netatmo connected video kits

P. 855 N
Classe 100X16E Linea 3000 connected video kit

P. 855 N
Classe 100V16E Linea 3000 video kit

P. 856 N
Classe 100V16B Linea 2000 video kits

P. 856 N
Classe 100A16E Linea 3000 hands-free audio kit

P. 856 N
Classe 100A16M Linea 3000 audio kit with handset

P. 857 N
Sprint L2 Linea 2000 audio handset kit

P. 857 N
Sprint Linea 2000 audio handset kit

P. 864 N
IP system: entrance panels

P. 865 N
IP system: video indoor units

P. 866 N
IP system: guard station and accessories

CONNECTED DEVICES

P. 867 N
Smarther with Netatmo connected thermostats

P. 868 N
Netatmo smart outdoor cameras

P. 868 N
Netatmo smart indoor camera, video alarm system

P. 869 N
Netatmo smart video doorbell

P. 869 N
Netatmo smart smoke alarm, carbon monoxide alarm

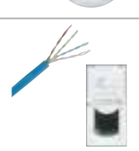
DETECTION DEVICES

P. 870
Optical barrier and door contact

P. 871
Technical alarm detectors for domestic premises

HOME NETWORK

P. 874 N
Practibox S multimedia home network cabinet

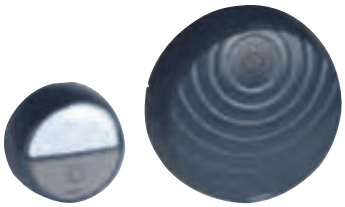


P. 874
Components for home network cabinet

P. 876
Terminal products for home network

P. 877
TV sockets for home network

Radio wireless chimes



0 942 53

0 942 54

0 942 71

0 942 72

0 942 78

0 942 79

Pack	Cat.Nos	Radio chime kits
		Essential kit
1	0 942 50	Includes a chime and an IP 44 door bell with label holder Sound level: +/- 80 dB Number of ringtones: 32 Range approximately 50 m in free field Power supply: - chime: 2 x 1.5 V AA batteries (not included) - door bell: 1 CR2032 battery (included) White
		Comfort kits Includes a round chime and a round IP 44 door bell with label holder Sound level: +/- 75 dB. Volume control Number of ringtones: 15 Range approximately 100 m in free field Unlimited number of additional chimes for 1 door bell Power supply: - chime: 3 x 1.5 V AA batteries (not included) except Cat.No 0 942 54 (plug-in 230 V) - door bell: 1 CR2032 battery (included)
1	0 942 52	White - battery-operated
1	0 942 53	Anthracite - battery-operated
1	0 942 54	White - plug-in 230 V
		Serenity kits Includes a square chime and a square IP 54 door bell with label holder Sound level: +/- 80 dB. Volume control Number of ringtones: 30 Ringtone customised via MP3 (software for creating MP3 melody provided in chime internal memory + USB cable included) Chime mute function Built-in flash Range approximately 200 m in free field Unlimited number of additional chimes for 1 door bell Light signal on the chime to signal low battery level Power supply: - chime: 3 x 1.5V AA batteries (not included) - door bell: 1 CR2032 battery (included)
1	0 942 70	White - single battery-operated kit
1	0 942 71	Aluminium - single battery-operated kit
1	0 942 72	White - twin battery-operated kit. Includes a Serenity chime and a plug-in Comfort chime. Ideal, for example, for having one chime on the ground floor and one upstairs

Pack	Cat.Nos	Accessories for Comfort and Serenity radio chime kits
		White finish
		Comfort door bell - IP 44
1	0 942 78	Radio signal range 100 m Powered by 1 CR2032 battery (included)
		Serenity door bell - IP 54
1	0 942 79	Radio signal range 100 m Powered by 1 CR2032 battery (included)
		Motion detector - IP 20
1	0 942 80	Tiltable bracket for fixing on the wall or putting on a surface Radio signal range 150 m Detection range: 6-8 m Detection angle: 110° Powered by 3 x 1.5 V AAA batteries (not included)

Other chimes

0 416 50

Pack	Cat.Nos	Electromechanical chimes
		White Dim.: 116 x 116 x 48 mm Tone level: 80 dB at 1 m
1	0 416 50	**8-12 V∿ chime** Compatible with non-illuminated push-button Cat.No 0 416 46 or illuminated push-buttons Cat.Nos 0 416 45/47 Use a 8 VA transformer Cat.No 4 130 91 or 0 420 25
1	0 416 51	**127/230 V∿ chime** 2 note chime - 50/60 Hz Compatible with illuminated push-button Cat.No 0 416 45
1	0 416 52	**230 V∿ chime with transformer** 50/60 Hz with built-in 8-12 V transformer Class II Compatible with non-illuminated push-button Cat.No 0 416 46 or illuminated push-buttons Cat.Nos 0 416 45/47

Pack	Cat.Nos	Transformer - 230 V/12 V - 8 V	Secondary tension (V)	Intensity (A)	Power (VA)	Dimensions (mm) Length	Depth	Height
		Conform to IEC 61 558-2-8 standard Protected against short-circuits and overvoltages Wall-mounting with screws						
10	0 420 25		12/8	1	12	92	56	42

Bells, bell pushes

0 416 46

0 416 47

0 412 43

Pack	Cat.Nos	Bell pushes
		Surface-mounting White Supplied without fixing screws
5	0 416 46	**24 V - 2 A bell push** IP 30 - class III W Dim.: 50 x 25 x 20 mm
10	0 416 45	**230 V - 2 A bell push with illuminated label holder** IP 30 - class II Supplied without lamp Dim.: 70 x 35 x 24 mm
10	0 416 47	**24 V - 2 A universal - bell push with label holder** Weatherproof IP 44 (IK 07) - Class III W Dim.: 70 x 70 x 25 mm Can be used with any type of chimes (electronic or electromechanical)

Pack	Cat.Nos	Lido bells	Consumption (mA)	Average acoustic output at 1 m in dB
		IP 20 - IK 04 Average acoustic output at 1 m: 80 dB at 1 m Surface-mounting with screws with levelling facilities		
		Class II		
10	0 412 21	(double insulated) 230 V∿ - 50/60 Hz Dim.: 95 x 61 x 33 mm	30	80
		With built-in transformer		
1	0 412 43	230 V∿ - 50/60 Hz Dim.: 135 x 88 x 48 mm Warning: take lamps out of the bell pushes	45	80

VIDEO DOOR SYSTEMS

Different solutions for different applications

From villas to multi-family units. Different types of constructions mean different types of offer.

FOR INDIVIDUAL HOUSING

EASYKITS

2 WIRES

The 2-wire video door entry kits that provide basic functions, for simple systems:
- for villas
- ready made solutions
- basic functions
- plug-in or internal power supply (direct mains connection)

See p. 844 to 847

4 WIRES

The 4-wire video and audio door entry kits that provide basic functions, for simple systems:
- for villas
- ready made solutions
- basic functions
- plug-in or internal power supply (direct mains connection)

See p. 848 to 851

FOR VILLAS

Video & audio door entry kits

2 WIRES

The flexible solution that can fit basic installations or more complex and customised systems:
- video and audio door entry kits for one or two-family villas
- ready made solutions
- fully expandables
- enhanced functions

See p. 852 to 858

FOR BIG CONTRUCTIONS

IP system

IP SYSTEM

Video door entry for large projects, buildings and complexes.
- high performances
- long distances and high number of apartments
- integrated security functions

See p. 860 to 866

EASYKITS

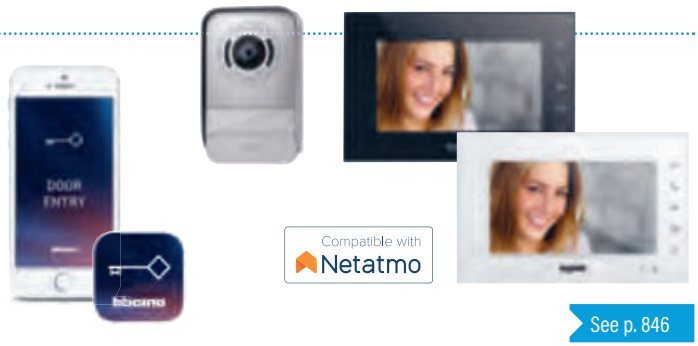
For individual housing

2 WIRES

Ready made solutions for single or double family homes with robust entrance panel and hands-free internal units.

7" EASYKIT Connected

2-wire colour Wi-Fi connected video door entry kits available in white or black finishes for the internal unit. The system can be expanded up to 3 hands-free internal units.
The main video internal unit can be managed via the DOOR ENTRY EASYKIT App to: receive calls, open the door lock, view the cameras.
The system is fully interoperable with Netatmo cameras outside and inside the house.



See p. 846

7" EASYKIT Plus

2-wire colour video door entry kits with mirror effect screen for the internal unit. The system can be expanded up to 3 hands-free internal units.

See p. 846

7" EASYKIT Essential

2-wire colour video door entry kits. The system can be expanded up to 3 hands-free internal units.

See p. 846

EASYKITS for individual housing 2-wire

selection chart

KITS	**7" EASYKIT CONNECTED**		**7" EASYKIT PLUS**		**7" EASYKIT ESSENTIAL**	
	○ White	3 694 20[1]	Plug-in power supply incl.	3 689 10[1]	Plug-in power supply incl.	3 679 10[1]
	● Black	3 694 30[1]	DIN power supply incl.	3 689 15	DIN power supply incl.	3 679 15
ADDITIONAL PRODUCTS	**EASYKIT CONNECTED Additional monitor 7"**		**EASYKIT PLUS Additional monitor 7"**		**EASYKIT ESSENTIAL Additional monitor 7"**	
	○ White	3 694 25[1]	Plug-in power supply incl.	3 642 20[1]	Plug-in power supply incl.	3 632 20[1]
	● Black	3 694 35[1]	Without power supply	3 642 25	Without power supply	3 632 25
	Additional colour entrance panel with rainshield					
	3 693 39					
	Additional external camera					
	3 694 01					
	Spare part power supply					
	BT-SP101[1]					
	Spare part DIN rail mounting power supply					
	BT-SP102					

1: 2P European standard plug power supply
Note: internal units are all compatible. As additional internal unit you can use any of the range

Red catalogue numbers: New products

EASYKITS for individual housing

2-wire

3 694 20

Door Entry EASYKIT

3 689 10

3 679 10

3 693 39

3 694 01

BT-SP101

BT-SP102

Selection chart **p. 845**

EASYKIT 2-wires offer for renovation of single and 2-family houses. The video door entry kits include:
- 7" colour screen used to answer the call, open up to 2 locks, have intercom calls and see who is outside
- Metal entrance panel equipped with a rainshield, wide-angle camera, LED for night vision and backlight of the 2 call buttons
- Power supply

The kit can be expanded up to 6 indoor units (3 per appartment) and up 2 entrance panels
An external CCTV colour camera can be directly connected to the entrance panel

Pack	Cat.Nos	7" EASYKIT connected video kits
		Complete video kits
		Colour Wi-Fi connected video door entry kits
		Comprising:
		- 7" hands-free screen internal unit
		- entrance panel
		- 2P European standard plug power supply
		Wi-Fi connection
		Can be managed through the Door Entry EASYKIT App (available for Android and iOS) for the main video internal unit functions (receiving calls, opening the door lock, view the cameras)
		The system is fully interoperable with Netatmo cameras for greater security outside and inside the house
1	3 694 20	○ White
1	3 694 30	● Black
		Additional connected video internal units
		Supplied with 2P European standard plug power supply
1	3 694 25	○ White
1	3 694 35	● Black
		7" EASYKIT Plus
		Complete video kits
		Colour video door entry kits
		Comprising:
		- 7" hands-free mirror screen internal unit
		- entrance panel
1	3 689 10	Complete kit with plug-in power supply
1	3 689 15	Complete kit with DIN power supply
		Additional video internal units
1	3 642 20	Plug-in power supply included
1	3 642 25	Without power supply

Pack	Cat.Nos	7" EASYKIT Essential
		Complete video kits
		Colour video door entry kits
		Comprising:
		- 7" hands-free screen internal unit
		- entrance panel
1	3 679 10	Complete kit with plug-in power supply
1	3 679 15	Complete kit with DIN power supply
		Additional video internal units
1	3 632 20	Plug-in power supply included
1	3 632 25	Without power supply
		Additional products
		Entrance panel
1	3 693 39	Wall-mounted entrance panel with rainshield, metal finish, IP 54
		Colour wide angle (95°) camera and LED for the night illumination of the field of view
		External camera
1	3 694 01	Additional colour external camera, IP 66
		Can be connected directly to the entrance panel
		Night vision
		Spare power supplies
1	BT-SP101	2P European standard plug-in power supply
1	BT-SP102	DIN rail mounting power supply

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Products to be submitted to local tests to ensure a perfect functioning
Please contact your local agency

Door Entry EASYKIT App available on **Google Play and the App Store**

Red catalogue numbers: New products

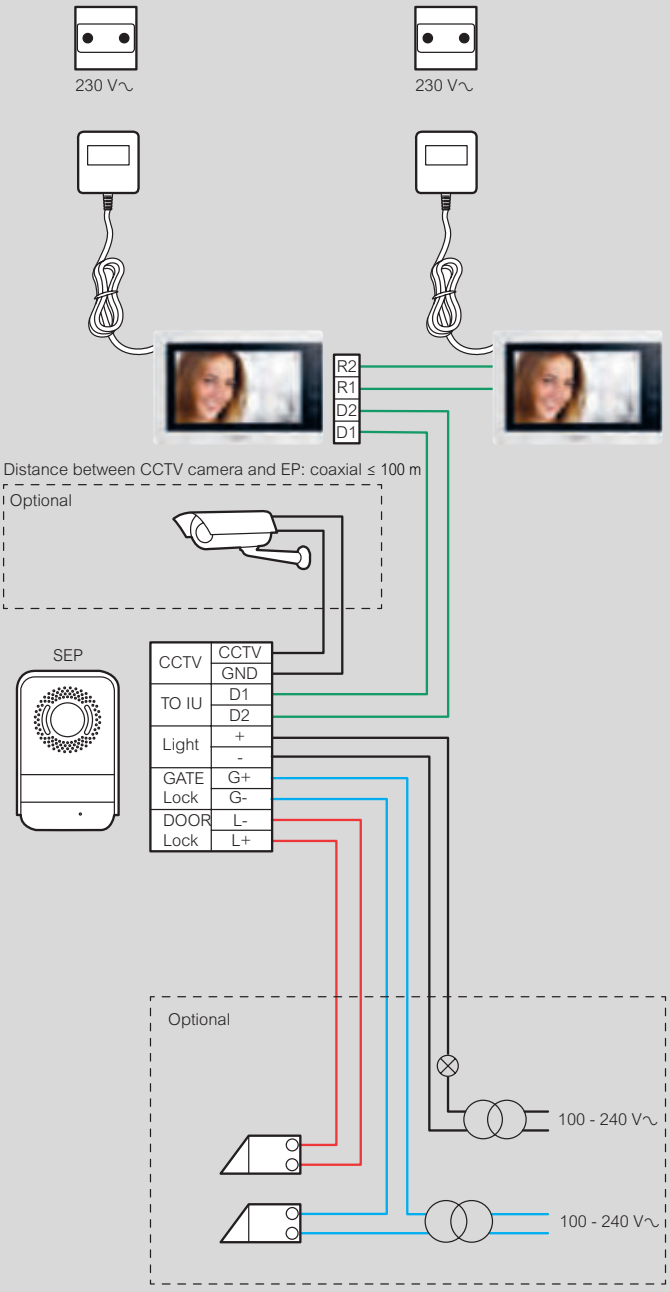
Plug-in power supply

wiring diagram example

EASYKITS

2-wire

For EASYKIT connected, Plus, Essential Cat.Nos 3 679 15, 3 632 25, 3 689 15, 3 642 25, 3 694 20, 3 694 30



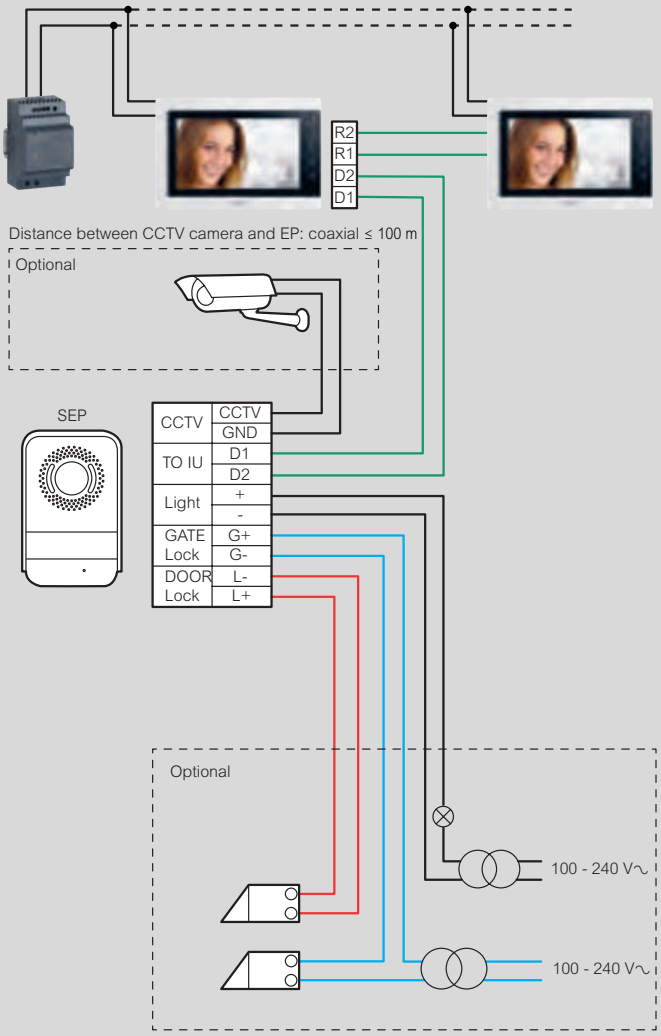
DIN rail mounting power supply

wiring diagram example

EASYKITS

2-wire

For EASYKIT Plus, Essential Cat.Nos 3 679 15, 3 632 25, 3 689 15, 3 642 25



EASYKITS

For individual housing

4 WIRES

Professional and flexible but simple! 4-wire ready made video and audio door entry kits for single family homes with robust and discrete entrance panel and hands-free or handset internal units.

7" colour video door entry kits

4-wire colour video kits, available with hands-free or handset screen. The system is expandable up to 4 additional internal units and up to 1 additional entrance panel or a CCTV camera, offering the basic door entry system functions: call, intercom, door lock activation, image cycling.

See p. 850

4.3" colour video door entry kits

4-wire colour video kits, available with hands-free or handset screen. The system is expandable up to 4 additional internal units and up to 1 additional entrance panel or a CCTV camera, offering the basic door entry system functions: call, intercom, door lock activation, image cycling.

See p. 850

Handset audio door entry kit

3-wire handset audio. The system is expandable up to 4 additional internal units, offering the basic door entry system functions: call, intercom, door lock activation.

See p. 850

EASYKITS for individual housing 4-wire

selection chart

KITS	**7" VIDEO KITS**		**4.3" VIDEO KITS**		**AUDIO KITS**	
	Hands-free	3 695 80	Hands-free	3 695 60	Hands-free	-
	Handset	3 695 70	Handset	3 695 50	Handset	3 695 00
ADDITIONAL PRODUCTS						
	Additional video internal units					
	Hands-free	3 695 85	Hands-free	3 695 65	Hands-free	-
	Handset	3 695 73	Handset	3 695 55	Handset	3 695 05
	Note: internal units are all compatible. As additional internal unit you can use any of the range					
	Additional entrance panels					
	Additional video entrance panel	3 695 96				
	Additional audio entrance panel	3 695 95				
	Angle bracket accessory	3 695 97				
	Additional external camera					
	3 694 01					

EASYKITS for individual housing

4-wire

3 695 80

3 695 60

3 695 50

3 695 00

3 694 01

3 695 96

3 695 97

Selection chart **p. 849**

Pack	Cat.Nos	7" Video door entry kits
		Complete video kits One-family 4-wire colour video kits Comprising: - Wall-mounted video internal unit with internal power supply, 7" colour screen and 12 ringtones, signalling LED and mute function, offering the following functions: call, intercom, door lock activation, image cycling - Wall-mounted zamak entrance panel with rainshield, microphone and speaker volume adjustments, colour camera and LED for the night illumination of the field of view The system can be expanded with up to 4 additional internal units and 1 additional entrance panel or 1 external camera (NTSC or PAL)
1	3 695 80	Complete kit with 7" Hands-free internal unit
1	3 695 70	Complete kit with 7" Handset internal unit
		Additional video internal units
1	3 695 85	7" Hands-free
1	3 695 75	7" Handset

Pack	Cat.Nos	4.3" Video door entry kits
		Complete video kits One-family 4-wire colour video kits Comprising: - Wall-mounted video internal unit with internal power supply, 4.3" colour screen and 12 ringtones, signalling LED and MUTE function, offering the following functions: call, intercom, door lock activation, image cycling - Wall-mounted zamak entrance panel with rainshield, microphone and speaker volume adjustments, colour camera and LED for the night illumination of the field of view The system can be expanded with up to 4 additional internal units and 1 additional external panel or 1 external camera (NTSC or PAL)
1	3 695 60	Complete kit with 4.3" Hands-free internal unit
1	3 695 50	Complete kit with 4.3" Handset internal unit
		Additional video internal units
1	3 695 65	4.3" Hands-free

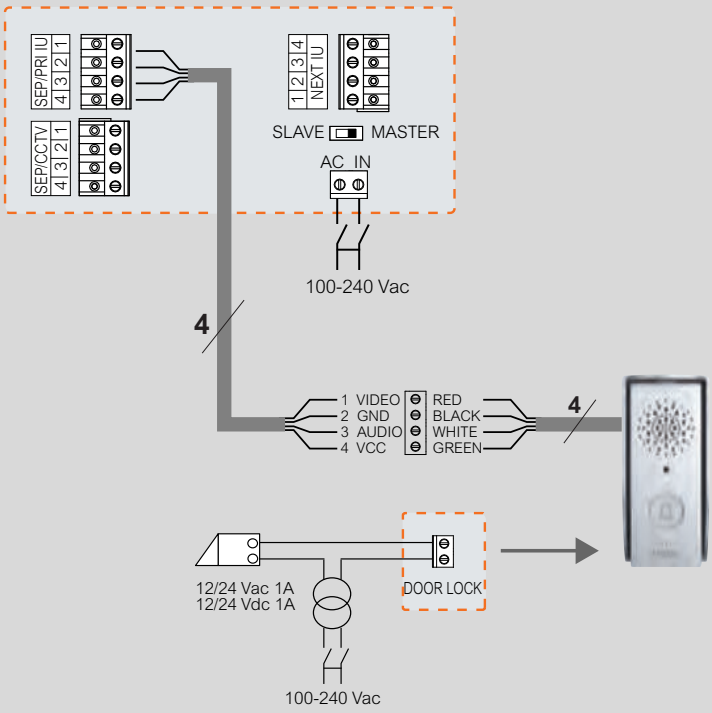
Pack	Cat.Nos	Audio door entry kit
		Complete audio kit One-family 3-wire audio kit Comprising: - Wall-mounted handset audio internal unit with internal power supply, signalling LED and mute function, offering the following functions: call, intercom, door lock activation - Wall-mounted zamak entrance panel with rainshield, microphone and speaker volume adjustments Expandable up to 4 additional internal units
1	3 695 00	Complete kit with Handset internal unit
		Additional audio internal unit
1	3 695 05	Handset internal unit

		Additional products
		Additional external camera
1	3 694 01	IP 66 external colour camera PAL video system, supplied with 2P standard plug power supply
		Additional video entrance panel
1	3 695 96	Wall-mounted zamak video entrance panel with rainshield, microphone and speaker volume adjustments, colour camera and LED for the night illumination of the field of view Recommended to expand a wall-mounted 4-wire video door entry system
		Additional audio entrance panel
1	3 695 95	Wall-mounted zamak audio entrance panel with rainshield, microphone and speaker volume adjustments Recommended to expand a wall-mounted 3-wire audio door entry system
		Angle bracket accessory
1	3 695 97	Accessory for the installation of the entrance panels Cat.Nos 3 695 95/96 and adjust its visual field by a 30° angle, to the right or to the left

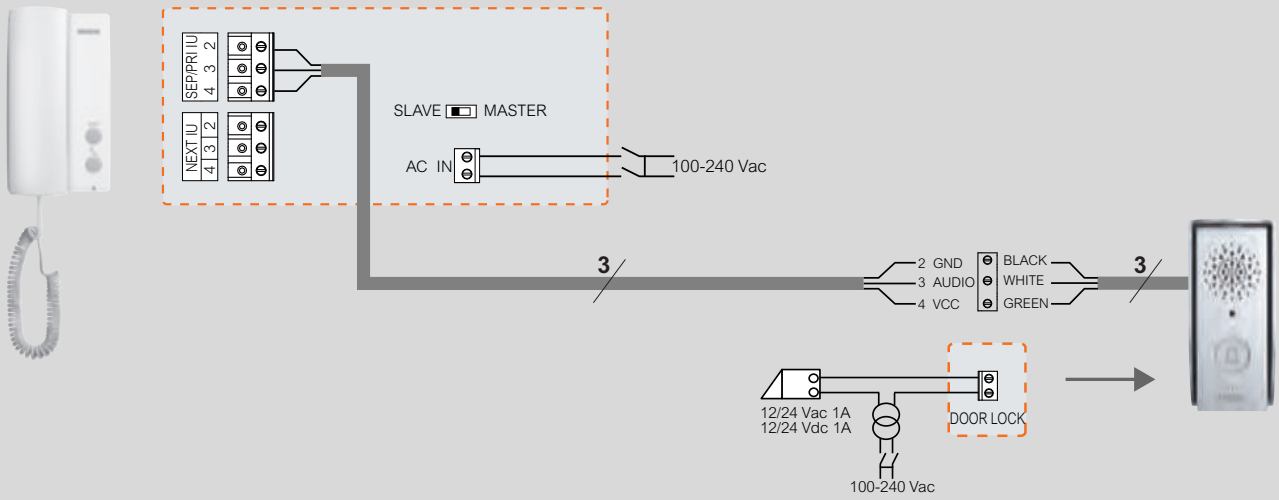
EASYKITS for individual housing - 4-wire

wiring diagrams

Example 1: one-family standard video system



Example 2: one-family standard audio system



VIDEO AND AUDIO DOOR ENTRY KITS

For villas

2 WIRES

Connected or standard 2-wire video and audio door entry kits: the full expandable solution for villa standard and high level applications.

Connected video door entry kits

- 2-wire technology for maximum flexibility and expandability
- From basic functions to advanced functions such as call redirection on smartphone, video door entry answering machine, Netatmo cameras integration, intercom and door opening with badge
- DIN rail mounting power supply

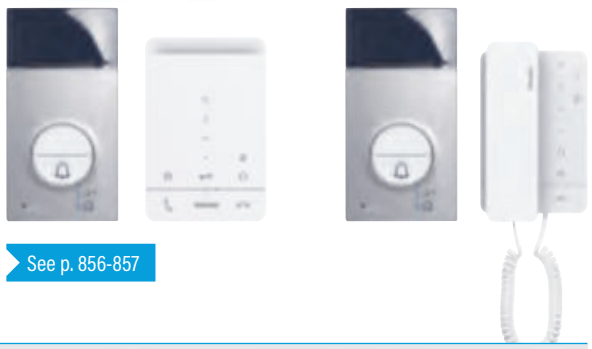
See p. 854-855

Home + Security

Video door entry kits

See p. 856

Audio door entry kit



See p. 856-857

EXPANSION

Expand these kits with other devices such as additional entrance panels, internal units, cameras, and home automation devices.

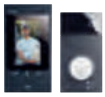
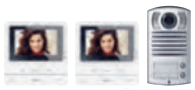
2 WIRES
FULL EXPANDABILITY

Audio kits

Video kits

Video and audio door entry kits for villas

selection chart

	Cat.Nos	Components	Technology	Screen format	App
Connected video door entry kits	BT-363950	Classe 300EOS with Netatmo Linea 3000 Netatmo Smart Outdoor Camera	2-wire	5" vertical	Home + Security and Home + Control App
	BT-363915  BT-363926	Classe 300EOS with Netatmo Linea 3000	2-wire	5" vertical	Home + Security and Home + Control App
	BT-364614	Classe 100X16E Linea 3000	2-wire	5"	Home + Security App(1)
Video door entry kits	BT-364612	Classe 100V16E Linea 3000	2-wire	5"	-
	BT-364613	One-family Kit Classe 100V16B Linea 2000	2-wire	5"	-
	 BT-364622	Two-family Kit Classe 100V16B Linea 2000	2-wire	5"	-
Audio door entry kits	BT-364232	Classe 100A16E Linea 3000	2-wire	-	-
	BT-364231	Classe 100A16M Linea 3000	2-wire	-	-
	BT-366811	One-family Sprint L2 Linea 2000 audio	2-wire	-	-
	BT-366821	Two-family Sprint L2 Linea 2000 audio	2-wire	-	-
Analogue audio kits	BT-363211	One-family Sprint Linea 2000 audio	-	-	-
	BT-363221	Two-family Sprint Linea 2000 audio	-	-	-

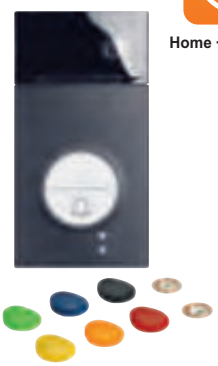
Red catalogue numbers: New products

Connected video door entry kits for villas

2-wire

BT-363950

Home + Security



BT-363915

Home + Security

Selection chart **p. 853**
Wiring diagrams **p. 858**

One-family Wi-Fi connected video door entry kits
Easy interaction with the built-in Alexa voice assistant, either using the dedicated capacitive keys or with your voice to activate several functions, such as the video door entry functions, Smart Home, scenarios, reminders etc. Can be managed through Home + Security App (available for Android and iOS)
The App allows to use the main video internal unit functions (receiving calls, door lock release, display of the event timeline and activation of the entrance panel/camera cycling). The Home + Security App, allows to manage also the products of Netatmo security range (outdoor and indoor cameras, door and window sensors, indoor siren, smoke detector), to create a Smart security system

Pack	Cat.Nos	Classe 300EOS - Linea 3000 - Netatmo smart outdoor camera connected kit
		Complete connected kit
1	BT-363950	Comprising: - Classe 300EOS hands-free connected video internal unit with teleloop, built-in Amazon Alexa voice assistant, 5" vertical touch screen with LCD display and video door entry answering machine - Linea 3000 push-button entrance panel with black finish zamak front cover, wide angle colour camera and proximity reader IP 54 and IK 10 Can be wall or flush-mounted with specific accessories: flush mounted box Cat.No BT-350020 and flush mounted accessory Cat.No BT-343063 - to be ordered separately Can be fitted with rainshield Cat.No BT-343053 - to be ordered separately - Netatmo Smart Outdoor Camera with LED lighting spotlight, night vision and motion detection - able to send real time notification on smartphone in case of unknown person or vehicle detection - 6-module DIN rail mouting power supply - Door lock relay accessory - Set of coloured door lock release key cards - Set of door lock release clear discs The kit also allows to create and manage Smart Home functions, using the wired SCS BUS solution or the Zigbee solution, without the need for dedicated gateways
		Additionnal internal units
		Classe 300EOS hands-free connected video internal unit with teleloop, built-in Amazon Alexa voice assistant, 5" vertical touch screen with LCD display and video door entry answering machine
1	BT-344842	○ White
1	BT-344884	● Black

Pack	Cat.Nos	Classe 300EOS with Netatmo Linea 3000 connected video kit
		Complete connected kit
		Comprising: - Classe 300EOS hands-free connected video internal unit with built-in Amazon Alexa voice assistant, 5" vertical touch screen with LCD display and video door entry answering machine - Linea 3000 push-button entrance panel with black finish zamak front cover, wide angle colour camera and proximity reader IP 54 and IK 10 Can be wall or flush-mounted with specific accessories: flush mounted box Cat.No BT-350020 and flush mounted accessory Cat.No BT-343063 - to be ordered separately Can be fitted with rainshield Cat.No BT-343053 - to be ordered separately - 6-module DIN rail mouting power supply - Door lock relay accessory - Set of coloured door lock release key cards - Set of door lock release clear discs The kit also allows to create and manage Smart Home functions, using the wired SCS BUS solution or the Zigbee solution, without the need for dedicated gateways
1	BT-363915	○ White
1	BT-363926	● Black

Optional accessories

1	BT-350020	Plastic flush-mounting box suitable for flush-mounting installation of Linea 3000 entrance panels of the kits Cat.Nos BT-363915, BT-363926, BT-363950, BT-364231, BT-364232, BT-364612 and BT-364614
1	BT-343063	Flush-mounting frame accessory for Linea 3000 entrance panels of the kits Cat.Nos BT-363915, BT-363926 and BT-363950
1	BT-343053	Rainshield accessory for Linea 3000 entrance panels of the kits Cat.Nos BT-363915, BT-363926 and BT-363950

Products to be submitted to local tests to ensure a perfect functioning
Please contact your local agency

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Netatmo safety devices
p. 868-869

App. Home + Security available on
Google Play and the App Store

Red catalogue numbers: New products

Connected video door entry kits for villas

2-wire

Home + Security

BT-363914

BT-364612

Selection chart **p. 853**
Wiring diagrams **p. 858**

Pack	Cat.Nos	Classe 100X16E - Linea 3000 connected video kit
1	BT-364614	**Complete connected kit** Comprising: - Classe 100X16E Wi-Fi connected hands-free video internal unit with 5" LCD display, Inductive Loop function (to enable use by people wearing hearing aids fitted with T selector), proximity reader, side lever to adjust colour, brightness and display contrast, audio volume, call tone volume and Wi-Fi configuration, 2 buttons to control the main functions (answer and end a call), 3 buttons to control the door lock release, staircase light and entrance panel activation/scrolling and 4 configurable buttons to perform different functions (e.g. intercom, additional door lock activation, generic activations) Wall mounted with the bracket supplied or table installation with support accessories 2 x Cat.No BT-344692 - to be ordered separately Professional Studio (Office) function that must be configured Call exclusion notification LEDs Expandable to two-family system with an additional internal unit Can be managed through Home + Security App (available for Android and iOS) The App allows to use the main video internal unit functions (receiving calls, opening the door lock, activating the entrance panel/scrolling, firmware updating and additional activations) - Linea 3000 push-button entrance panel with zamak front cover, wide angle colour camera. Name lit by white LED. Can manage a maximum of 20 key cards (125 KHz) for the electric door lock release (including the one for the system management). Can be wall or flush-mounted with specific accessories: flush mounted box Cat.No BT-350020 and flush mounted accessory Cat.No BT-343061 - to be ordered separately Can be fitted with rainshield Cat.No BT-343051 - to be ordered separately. IP 54 and IK 10 - 6-module DIN rail mouting power supply - Door lock relay accessory - Set of coloured door lock release key cards - Set of door lock release clear discs
1	BT-344682	**Additional internal unit** Classe 100X16E Wi-Fi connected video internal unit

Pack	Cat.Nos	Classe 100V16E - Linea 3000 video kit
1	BT-364612	**Complete video kit** Comprising: - Classe 100V16E hands-free video internal unit with 5" LCD display, Inductive Loop function (to enable use by people wearing hearing aids fitted with T selector), 2 buttons to control the main functions (answer and end a call), 3 buttons to control of the door lock release, staircase light and entrance panel activation/ scrolling and 4 configurable buttons to perform different functions (e.g. intercom, additional door lock activation, generic activations) Wall mounted with the bracket supplied or table installation with support accessories 2 x Cat.No BT-344692 - to be ordered separately Professional Studio (Office) function that must be configured Expandable to two-family system with an additional internal unit - Linea 3000 push-button entrance panel with zamak front cover, wide angle colour camera. Name lit by white LED. Can manage a maximum of 20 key cards (125 KHz) for the electric door lock release (including the one for the system management). Can be wall or flush-mounted with specific accessories: flush mounted box Cat.No BT-350020 and flush mounted accessory Cat.No BT-343061 - to be ordered separately Can be fitted with rainshield Cat.No BT-343051 - to be ordered separately. IP 54 and IK 10 - 6-module DIN rail mouting power supply - Door lock relay accessory
1	BT-344672	**Additionnal internal unit** Classe 100V16E video internal unit

Optional accessories

1	BT-350020	Plastic flush-mounting box suitable for flush-mounting installation of Linea 3000 entrance panels Cat.Nos BT-363915, BT-363926, BT-363950, BT-364231, BT-364232, BT-364612 and BT-364614
1	BT-343061	Flush-mounting frame accessory for Linea 3000 entrance panels of the kits Cat.Nos BT-364231, BT-346232, BT-364612 and BT-364614
1	BT-343051	Rainshield accessory for Linea 3000 entrance panels of the kits Cat.Nos BT-364231, BT-346232, BT-364612 and BT-364614

Products to be submitted to local tests to ensure a perfect functioning
Please contact your local agency

eliot PROGRAM BY LEGRAND

App. Home + Security available on
Google Play and the App Store

Red catalogue numbers: New products

Video door entry kits for villas

2-wire

BT-364613

BT-364622

Selection chart **p. 853**

Pack	Cat.Nos	
		Classe 100V16B - Linea 2000 video kits Comprising: - Classe 100V16B hands-free video indoor unit with 5" LCD screen, 2 buttons to control the main functions (answer and end a call), 3 buttons to control the door lock release, staircase light and entrance panel activation/scrolling and the customization of quick action (e.g. staircase light control, intercom, additional door lock activation, generic activations), a side lever to adjust colour, brightness and display contrast, audio and call tone volume Call exclusion notification LED Wall mounted with the bracket supplied or table installation with support accessories 2 x Cat.No BT-344692 - to be ordered separately - Linea 2000 pushbutton panel with colour camera 1 or 2 calls. IP54 and IK07 - 6-module DIN rail mouting power supply - Door lock relay accessory
1	BT-364613	**Complete one-family video kit** Supplied with: - 1 Classe 100V16B internal unit - Linea 2000 push-button entrance panel 1 call
1	BT-364622	**Complete two-family video kit** Supplied with: - 2 Classe 100V16B internal units - Linea 2000 push-button entrance panel 2 calls
1	BT-344652	**Additional internal unit** Classe 100V16B video internal unit
1	BT-344692	**Optional accessory** Table support accessory for Classe 100 audio and video indoor units

Audio door entry kits for villas

2-wire

BT-364232

BT-364231

Selection chart **p. 853**

Pack	Cat.Nos	
1	BT-364232	**Classe 100A16E - Linea 3000 hands-free audio kit** One or two-family audio kit comprising: - Classe 100A16E hands-free audio internal unit with 2 buttons to control the main functions (answer and end a call), 3 buttons to control the door lock release, staircase light and entrance panel activation/scrolling, 4 configurable buttons to perform different functions (e.g. intercom, additional door lock activation, generic activations) Ringtone volume adjustment (with call exclusion) Wall mounted with the bracket supplied or table installation with support accessories 2 x Cat.No BT-344692 - to be ordered separately Professional Studio (Office) function that must be configured - Linea 3000 push-button entrance panel with zamak front cover. Nameplate lit by LED. Can be wall or flush-mounted with specific accessories: flush mounted box Cat.No BT-350020 (p. 855) and flush mounted accessory Cat.No BT-343061 (p. 855) - to be ordered separately Can be fitted with rainshield Cat.No BT-343051 (p. 855) - to be ordered separately. IP 54 and IK 10 Professional Studio (Office) function that must be configured - 6-module DIN rail mouting power supply
1	BT-364231	**Classe 100A16M - Linea 3000 audio kit with handset** Comprising: - Classe 100A16M handset audio internal unit with 3 buttons to control the door lock release, staircase light and entrance panel activation/scrolling, 4 configurable buttons to perform different functions (e.g. intercom, additional door lock activation, generic activations) Ringtone volume adjustment (with call exclusion) using the appropriate selector Wall mounted with the bracket supplied or table installation with support accessories 2 x Cat.No BT-344692 - to be ordered separately. Professional Studio (Office) function that must be configured - Linea 3000 push-button entrance panel with zamak front cover. Nameplate lit by LED. Can be wall or flush-mounted with specific accessories: flush mounted box Cat.No BT-350020 (p. 855) and flush mounted accessory Cat.No BT-343061 (p. 855) - to be ordered separately Can be fitted with rainshield Cat.No BT-343051 (p. 855) - to be ordered separately. IP 54 and IK 10 Professional Studio (Office) function that must be configured - 6-module DIN rail mouting power supply

Red catalogue numbers: New products

Audio door entry kits for villas

2-wire

BT-366811

Selection chart **p. 853**

Pack	Cat.Nos	Sprint L2 - Linea 2000 audio handset kit
		Comprising: - Sprint L2 audio handset internal unit with door lock release push-button and a push-button for auxiliary functions (staircase light switching on, entrance panel activation, call to the switchboard) Wall mounted installation IP 54 and IK 07 Expandable with additional audio handset internal unit Cat.No 344242 - 6-module DIN rail mouting power supply
1	BT-366811	**Complete one-family audio kit** Supplied with: - Sprint L2 audio handset internal unit - Linea 2000 push-button entrance panel 1 call
1	BT-366821	**Complete two-family audio kit** Supplied with: - 2 Sprint L2 audio handset internal units - Linea 2000 push-buttons entrance panel 2 calls
1	BT-344242	**Additional audio handset** Sprint L2 audio handset

Analogue door entry kits for villas

BT-363211

Selection chart **p. 853**

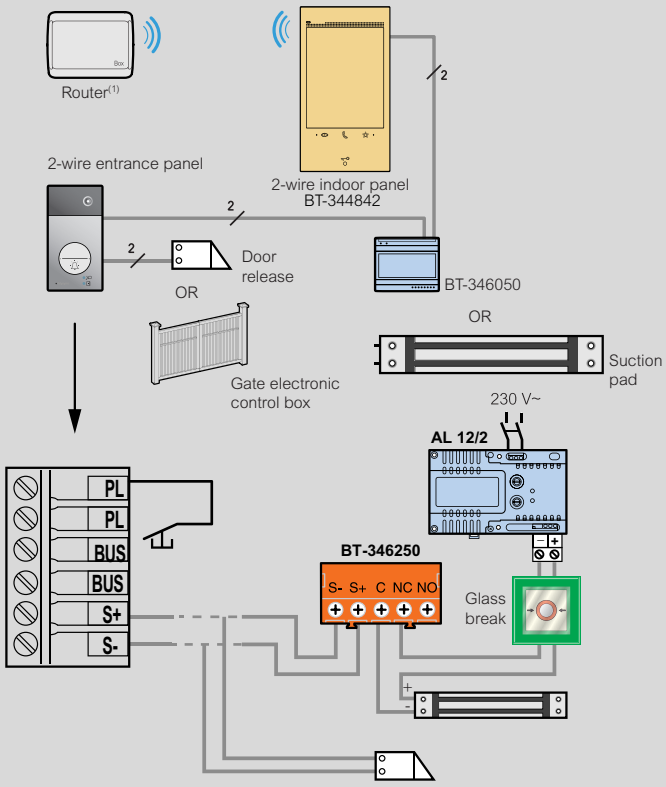
Pack	Cat.Nos	Sprint - Linea 2000 audio handset kit
		Comprising: - 6-module DIN rail mouting power supply Wall mounted installation IP 54 and IK 07
1	BT-363211	**Complete one-family audio kit** Supplied with: Complete one-family audio kit with: - Sprint audio handset internal unit - Linea 2000 push-button entrance panel 1 call
1	BT-363221	**Complete two-family audio kit** Supplied with: Complete two-family audio kit with: - 2 Sprint audio handset internal units - Linea 2000 push-button entrance panel 2 calls

Audio-video door entry kits

ready to install

Installation diagram for a connected or non-connected audio-video kit with built-in access control

Cat.No BT-363915



Installation diagram for a standard audio-video kit

Cat.No BT-364612

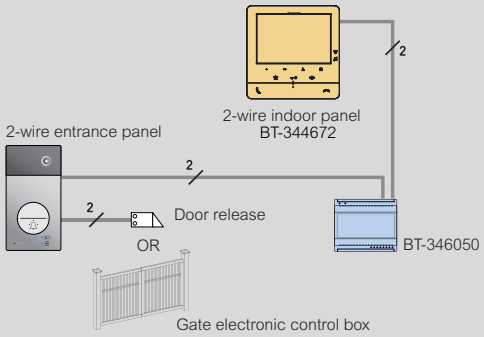


Diagram with opening of a gate or door(3)(4) + door contact

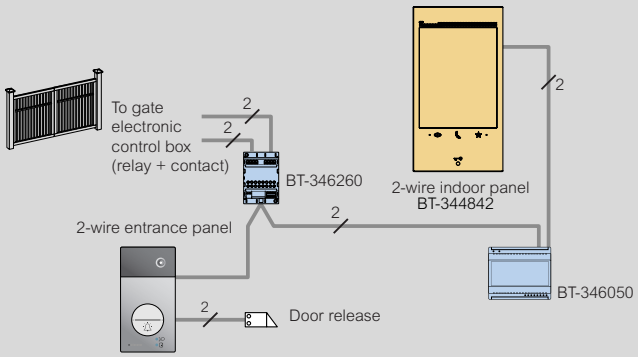


Diagram with additional Linea 3000 entrance panels(2)(4)

Cat.No BT-343091

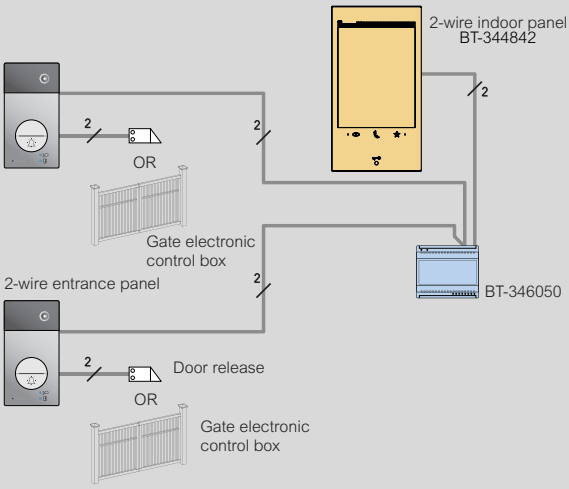
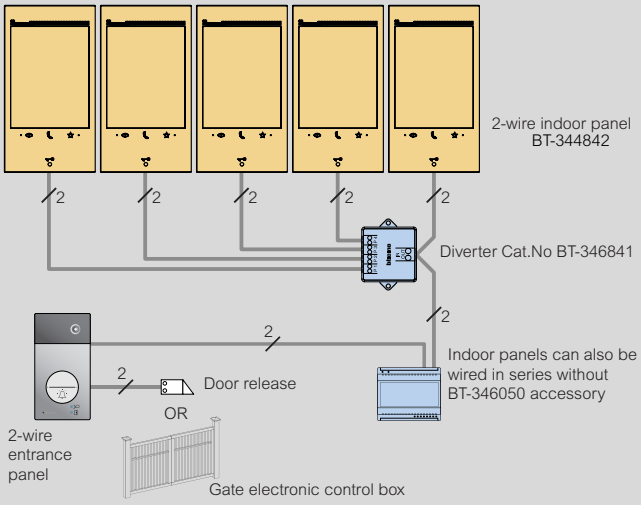


Diagram with additional indoor panels(2)(4)

Cat.No BT-344842



1: Only for connected kit
2: Installation with an opening control
The kits can control a undervoltage door release, 12 V⎓ 400 mA
Rather than a release, a gate electronic control box can be used for control and a volt-free contact relay Cat.No 346250 is supplied in the kits
3: Installation with two opening controls
The kits can control a number of opening systems (eg: gate + door) by adding a volt-free contact relay Cat.No 346260
4: Coding kit
For any installation with extensions (entrance panels, indoor panels, cameras, relays, etc) it is essential to obtain the coding kit Cat.No 306065

VIDEO AND AUDIO DOOR ENTRY SYSTEM

2-wire system

The 2-wire system offers a wide range of entrance panels and internal units, to meet all the customer needs.

2 WIRES

Small and medium systems

- villas
- appartments

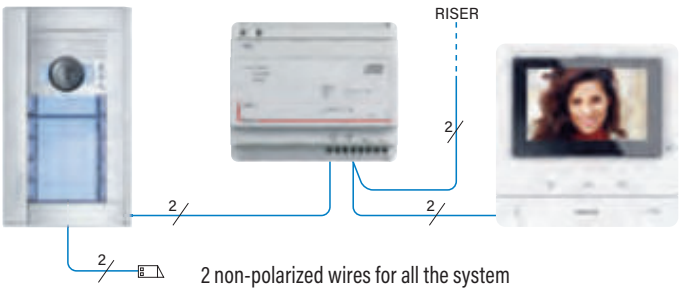
Renovations

The possibility of using existing cables makes it the ideal solution when refurbishing systems.

Very good performance

in addition of the extreme simplicity

- Video entrance panels and internal units up to 3900 apartments
- 39 Risers with independent sound mode
- up to 5 Handsets per apartment
- 600 m, distance between entrance panel and farthest internal unit



2 non-polarized wires for all the system

Please consult us for more information about this range

IP SYSTEM

For large-scale construction

The perfect solution for large residential complexes with a high number of apartments, able to guarantee high performance, long distances and high video signal quality.

INDOOR UNIT

ENTRANCE PANEL

See p. 864-865

- Multichannel: for simultaneous conversations (no busy lines);
- High definition video quality: up to 1280 x 720;
- Technology: IP protocol (SIP/TCP);
- Cables: FTP and UTP (CAT5 - CAT5e - CAT6) - Fiber optic
- Easy and quick configuration with dedicated software;
- Integration: Onvif IP Cameras, Lift control, Alarm sensors.

IP SYSTEM

Call the apartment any way you like

- **Standard call**
  Area-Building-Riser
  Floor-Apartment
- **Alphanumeric call**
  Create codes with numbers and letters
- **Addressbook**
  With contact list (touch displays only)

Access the building in several ways

FACE RECOGNITION

FINGERPRINT

RFID CARD & BADGE

ACCESS CODE

* * *
* * *
* * *

SMARTPHONE

Integrations

- **Integration with ONVIF IP cameras**
  From the Guard Station it is possible to monitor all the common area IP cameras, while from the indoor units, the resident can monitor private and common area IP cameras.

- **Integration with lift control**
  Thanks to the access control function, visitors are taken directly to the floor of the called apartment while residents can call the lift from the indoor unit or when entering the building.

GUARD STATION

See p. 866

IP door entry system

selection chart

N

ENTRANCE PANELS								INDOOR UNITS					
	10" TOUCH DISPLAY		4.3" DISPLAY WITH KEYPAD		SMALL ENTRANCE PANELS				PREMIUM 10" TOUCH DISPLAY		PREMIUM 7" TOUCH DISPLAY		STANDARD 7" TOUCH DISPLAY
	BT-374000	BT-374002	BT-374001	BT-374003	BT-374004	BT-374005	BT-374006		BT-373001	BT-373003	BT-373002	BT-373004	BT-373005/BT-373006/ BT-373007
Colour video	✔	✔	✔	✔	✔	✔	✔	**Touch screen colour video**	✔	✔	✔	✔	✔
Finishes / Colours	Grey	Grey	Grey	Grey	Grey	Grey	Grey	**Hands-free**	✔	✔	✔	✔	✔
Flush-mounted installation	With accessory BT-375007	With accessory BT-375007	With accessory BT-375006	With accessory BT-375006	With accessory BT-375008	With accessory BT-375009	-	**Finishes / Colours**	Grey	Grey	Grey	Grey	Black Champagne gold Mirror
Capacitive button call	-	-	✔	✔	✔	-	-	**Display**	LCD 10"	LCD 10"	LCD 7"	LCD 7"	LCD 7"
Touch display	✔	✔	-	-	-	✔	✔	**Indoor camera**	✔	-	✔	-	-
Keypad	-	-	✔	✔	-	-	-	**Answering machine**	✔	✔	✔	✔	✔
Direct call to apartment	✔	✔	-	-	✔	✔	✔	**Alarm management**	✔	✔	✔	✔	✔
3D Face recognition	✔	-	✔	-	-	✔	✔	**SOS function**	✔	✔	✔	✔	-
Fingerprint reader	✔	-	✔	-	-	-	-	**Door lock release**	✔	✔	✔	✔	✔
RFID Badge reader	✔	✔	✔	✔	✔	✔	✔	**Entrance panel camera activation**	✔	✔	✔	✔	✔
Protection index	IP 54	IP 54	IP 54	IP 54	IP 54	IP 54	IP 54	**Intercom**	✔	✔	✔	✔	✔
Protection index against mechanical impact	IK 07	IK 07	IK 07	IK 07	IK 07	IK 07	IK 07	**Audio messages**	✔	✔	✔	✔	✔
								Type of installation	Wall mounted	Wall mounted	Wall mounted	Wall mounted	Wall mounted

Red catalogue numbers: New products

IP door entry system

entrance panels

BT-374000

BT-374002

BT-374001

BT-374003

BT-374004

BT-374005

BT-374006

Selection table **p. 862-863**

Pack	Cat.Nos	Video entrance panels
		10" touch screen Make calls to the apartments and the guard station and enter the access code to release the lock Configuration of different calling modes: - Apartment code (Area - Building - Riser - Floor - Apartment) - Numeric or alphanumeric codes for residents - Address book with contact list Specific code for maintenance and to manage the settings (e.g. backlight brightness, ring volume, speaker volume, touch volume, screensaver time) Upload customized screensavers and advertisements using the configuration software Can be PoE (power over Ethernet) powered or directly powered using power supply Cat.No BT-375005 (p. 866) Can be flush-mounted with dedicated box Cat.No BT-375007 (p. 866)
1	BT-374000	10" touch screen, double face recognition camera, fingerprint reader and badge reader for access control functions
1	BT-374002	10" touch screen, badge reader for access control functions
		4.3" displays with keypad 4.3" display with keypad with numbers and letters (A-I) Make calls to the apartments and the guard station and enter the access code to release the lock Configuration of different calling modes: - Apartment code (Area - Building - Riser - Floor - Apartment) - Numeric or alphanumeric codes for residents Specific code for maintenance and to manage the settings (e.g. backlight brightness, ring volume, speaker volume, button volume, screensaver time) Upload customized screensavers using the configuration software Can be PoE (power over Ethernet) powered or directly powered using power supply Cat.No BT-375005 (p. 866) Can be flush-mounted with dedicated box Cat.No BT-375006 (p. 866)
1	BT-374001	4.3" display with double face recognition camera, fingerprint reader and badge reader fo access control functions
1	BT-374003	4.3" display with badge reader for access control functions

Pack	Cat.Nos	Video entrance panels (continued)
		Small entrance panels
1	BT-374004	Small video entrance panel for indoor installation with badge reader and capacitive key for indoor unit and guard station calls Can be PoE (power over Ethernet) powered or directly powered using power supply Cat.No BT-375005 (p. 866) Can be flush-mounted with dedicated box Cat.No BT-375008 (p. 866)
1	BT-374005	Small video entrance panel with 4.3" vertical touch display, face recognition and badge reader for access control functions Make calls to the apartments and the guard station and enter the access code to release the lock Configuration of different calling modes: - Apartment code (Area - Building - Riser - Floor - Apartment) - Numeric or alphanumeric codes for residents - Address book with contact list Menu for maintenance and to manage the settings (e.g. backlight brightness, ring volume, speaker volume, touch volume, screensaver time) Upload customized screensavers using the configuration software Can be PoE (power over Ethernet) powered or directly powered using power supply Cat.No BT-375005 (p. 866) Can be flush-mounted with dedicated box Cat.No BT-375009 (p. 866)
1	BT-374006	Small video entrance panel with badge reader and key for indoor unit and guard station calls Can be PoE (Power over Ethernet) powered on directly powered using power supply BT-375005 (p. 866)

Red catalogue numbers: New products

IP door entry system

video indoor units

Home + Security

BT-373001

BT-373002

BT-373005

BT-373006

BT-373007

Selection table **p. 862-863**

Pack	Cat.Nos	Video indoor units
		Touch screen indoor units with internal camera and SOS push-button Answer the call, open the lock, call other apartments and the guard station, view call and alarm logs, leave audio messages, receive messages from the guard station, adjust the settings (e.g. brightness, screensaver, backgrounds and ring tone) and view date/time information Alarm management through the 8 pre-arranged dedicated contacts The integration with the CCTV IP cameras allows to view the IP cameras of the apartment and the common areas from the indoor unit Possibility to control of the lift Possibility to associate the video indoor unit to the Home + Security App. The App allows to use functions such as: receiving calls, door lock release, display of the event timeline and activation of the entrance panel. It is also possible to manage the products of the Netatmo Security range (outdoor and indoor cameras, door and window sensors, indoor siren, smoke detector). Possibility to quickly and easily create a Smart security system The indoor unit can be PoE (power over Ethernet) powered or directly powered using power supply Cat.No BT-375005 Wall-mounted with the supplied bracket
1	BT-373001	10" touch screen indoor unit with internal camera and SOS push-button
1	BT-373002	7" touch screen indoor unit with internal camera and SOS push-button
		Touch screen indoor units with SOS push-button Answer the call, open the lock, call other apartments and the guard station, view call and alarm logs, leave audio messages, receive messages from the guard station, adjust the settings (e.g. brightness, screensaver, backgrounds and ring tone) and view date/time information Alarm management through the 8 pre-arranged dedicated contacts The integration with the CCTV IP cameras allows to view the IP cameras of the apartment and the common areas from the indoor unit. Possibility to control of the lift Possibility to associate the video indoor unit to the Home + Security App. The App allows to use functions such as: receiving calls, door lock release, display of the event timeline and activation of the entrance panel. It is also possible to manage the products of the Netatmo Security range (outdoor and indoor cameras, door and window sensors, indoor siren, smoke detector). Possibility to quickly and easily create a Smart security system The indoor unit can be PoE (power over Ethernet) powered or directly powered using power supply Cat.No BT-375005 Wall-mounted with the supplied bracket
1	BT-373003	10" touch screen indoor unit with SOS push-button
1	BT-373004	7" touch screen indoor unit with SOS push-button

Pack	Cat.Nos	Video indoor units (continued)
		Touch screen indoor units Answer the call, open the lock, call other apartments and the guard station, view call and alarm logs, leave audio messages, receive messages from the guard station, adjust the settings (e.g. brightness and ring tone) and view date/time information Alarm management through the 8 pre-arranged dedicated contacts The integration with the Onvif IP cameras allows to view the IP cameras of the apartment and the common areas from the indoor unit Possibility to control of the lift Possibility to associate the video indoor unit to the Home + Security App (available for Android and iOS) to use functions such as: receiving calls, door lock release, display of the event timeline and activation of the entrance panel. Possibility to manage the products of the Netatmo Security range (outdoor and indoor cameras, door and window sensors, indoor siren, smoke detector) to create a Smart security system The indoor unit can be PoE (power over Ethernet) powered or directly powered using power supply Cat.No BT-375005 Wall-mounted with the supplied bracket
1	BT-373005	Black finish
1	BT-373006	Champagne gold finish
1	BT-373007	Mirror finish

App. Home + Security available on **Google Play and the App Store**

Red catalogue numbers: New products

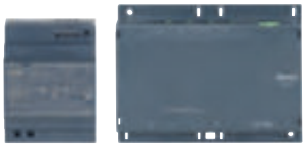
IP door entry system

guard station and accessories

BT-375000

BT-375001

BT-348200


BT-375002

BT-375005

Pack	Cat.Nos	Guard station
1	BT-375000	**Guard station with 10" touch display and handset** Answer and transfer calls, view call logs, release the locks, monitor IP cameras installed in common areas, monitor and process alarms Possibility to manage guard station settings, like volume and display brightness, and carry out functionality and network tests Quick and scheduled absence can be activated to transfer the call to another guard station or to apartments if needed The guard station can be PoE (power over Ethernet) powered or directly powered using power supply Cat.No BT-375005
		Accessories
10	BT-375001	**Server DES (Door Entry System) including configuration and management software** Must be installed in the building under the VLAN network of the IP door entry system The configuration software must be used to create, configure and update the entire installation Possibility to create the topology: entrance panels, guard station and indoor units are associated to the corresponding position using a scan tool. It also allows the programming of access control tools (RFID badges, card, fingerprint and face recognition), program access control for new residents, view alarm logs, send messages to indoor units, upload advertisements and screensavers and synchronize time/date details on all devices
10	BT-375003	**Reader to programme card and badges for building access control** Compatible with RFID badges Cat.Nos BT-348200/01/02/03/04/05/06 Programme and associate badges to residents require the use of the configuration software
10	BT-375004	**Reader to programme fingerprints for building access control** Register and associate the residents fingerprints require the use of the configuration software
		Transponder RFID badge keys
10	BT-348200	● Black
10	BT-348201	● Red
10	BT-348202	● Green
10	BT-348203	● Blue
10	BT-348204	● Orange
10	BT-348205	● Grey
10	BT-348206	● Yellow

Pack	Cat.Nos	Accessories (continued)
1	BT-375002	**PoE (Power over Ethernet) switch** With 10/100 Mbps, 8 PoE ports and 1 non-POE port uplink and 24 V-100 W power supply The PoE port is used for network communication and as power supply 14 DIN modules
1	BT-375005	**Power supply 100 W** Supplied with metal box Can operate as an auxiliary power supply Protected against short circuits: in case of DC output short circuit, the device will switch to protected mode Wall mounted
1	BT-375006	**Metal flush-mounting box for video entrance panel** For 4.3" display and keypad video Compatible with entrance panel Cat.No: - BT-374001 video entrance panel with 4.3" screen and keypad, face recognition and fingerprint - BT-374003 video entrance panel with 4.3" display and keypad
1	BT-375007	For 10" touch display video Compatible with entrance panel Cat.No: - BT-374000 video entrance panel with 10" touch screen with face recognition and fingerprint - BT-374002 video entrance panel with 10" touch screen
1	BT-375008	For small video entrance panel Cat.No BT-374004
1	BT-375009	For small video entrance panel with 4.3" vertical touch screen Cat.No BT-374005
1	BT-375010	**Lift control interface with protocol translator** To integrate lift function in IP door entry system The configuration is completed using a dedicated software, the interface is connected via RS 485 cable to the entrance panel and the lift
1	BT-375011	**USB key for face recognition** USB key to be inserted on DES Server BT-375001 to enable face registration and to provide access mode for face recognition in the installation. One of the following devices must be present in the installation: external push-button panel with 10" touch display with face recognition and fingerprint Cat.No BT-374000 (p. 864), external push-button panel with keyboard, facial recognition and fingerprint Cat.No BT-374001 (p. 864) or Small push-button panel with 4.3" touch display Cat.No BT-374005 (p. 864)

Red catalogue numbers: New products

Smart home

connected thermostat

0 490 38

0 490 39

Home + Control

Pack	Cat.Nos	
		Smarther with Netatmo connected thermostat The Smarther with Netatmo together with the Home + Control app allows to adjust and monitor the temperature and humidity measured in the rooms It can combine comfort and energy savings on a daily basis With Wi-Fi connection all the functions can be controlled locally or remotely via the Home + Control app or using your voice assistant (Google Home, Amazon Alexa and Apple Homekit) Works with all types of individual boiler (gas, oil or wood-fired boilers) and with heat pumps The temperature level can be set locally for manual operation and the Boost mode allows to force the switching on of the system for a limited time (30, 60 or 90 minutes) independent of the measured and programmed temperature Can be used in conjunction with Additional Smart Radiator Valves Cat.No NA-NAV-PRO (please consult us) Range up to 100 m (868 MHz) Measurement temperature: 0 C to 50 C, accuracy +/- 0.1 C Setpoint temperature: 5 C to 40C, with +/- 0.5 C adjustment Compatible with Wi-Fi 802.11 b/g/n (2.4 GHz) Security supported: WEP/WPA/WPA-2 personal (TKIP and AES) 230 V∿ mains supply 2 modules **Flush-mounting** 1 ON/OFF control output: 230 V∿, volt-free contact, low-voltage contact, valves (4 A - 256 V∿ max.) For installation in flush-mounting box with 1 gang depth 40 mm minimum
1	0 490 38	○ White
1	0 490 39	● Black
		Surface-mounting 2 ON/OFF control outputs: 230 V∿, volt-free contact, low-voltage contact, valves (4 A - 256 V∿ max.) for simultaneous management of summer/winter modes For installation on the wall, using screws and dowels suitable for the surface installation (brickwork, plasterboard, tiles etc.)
1	0 490 40	○ White

Products to be submitted to local tests to ensure a perfect functioning
Please contact your local agency

eliot™ PROGRAM BY LEGRAND

Home + Control App. for the management of connected devices available on **Google Play and App Store**

Smart home

connected thermostat for air conditioning and accessories N

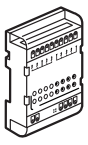
0 490 43

0 490 44

Home + Control

Compatible with Zigbee 3.0

Pack	Cat.Nos	
		Smarther AC with Netatmo Connected Thermostat for air conditioning The Smarther AC with Netatmo together with the Home + Control app allows to adjust and monitor the temperature, humidity and fan speed for cooling mode in the rooms With Wi-Fi connection all the functions can be controlled locally or remotely via the Home + Control app or using your voice assistant (Google Home, Amazon Alexa and Apple Homekit) The temperature level can be set locally for manual operation and the Boost mode allows to force the switching on of the system for a limited time (15, 30 or 45 minutes) independent of the measured and programmed temperature IR range: 5 m Measurement temperature: 5 C to 40 C Setpoint temperature: 5 Cto 40 C, with +/- 0.5 C adjustment (depending on the split) Compatible with Wi-Fi 802.11 b/g/n (2.4 GHz) Security supported: WEP/WPA/WPA-2 personal (TKIP and AES) 110-240 VA 2 modules **Flush-mounting** 1 ON/OFF control output: 230 V∿, volt-free contact, low-voltage contact, valves (4 A - 256 V∿ max.). For installation in flush-mounting box with 1 gang depth 40 mm minimum
1	0 490 43	○ White
1	0 490 44	● Black
		Surface-mounting 2 ON/OFF control outputs: 230 V∿, volt-free contact, low-voltage contact, valves (4 A - 256 V∿ max.) for simultaneous management of summer/winter modes For installation on the wall, using screws and dowels suitable for the surface installation (brickwork, plasterboard, tiles etc.)
1	0 490 45	○ White

1	BT-3460IR	**IR interface for air conditioning unit** Zigbee micromodule to be connected to the split to make the air conditioning compatible with the Smarther with Netatmo air conditioning controller It communicates with Smarther AC through RF 2.4 GHz: thanks to its features, the emitter can be placed on the receiver of the A/C unit, ensuring perfect communication Supplied with 1.5 m cord Power supply: 5 - 12 V and 110 - 240 V Dimensions: 60 x 60 x 30 mm
	0 489 10	 Actuator for fan coil unit Can be used in combination with Smarther AC with Netatmo on thermoregulation installations, to control different load types according to requirements

Red catalogue numbers: New products

Netatmo connected safety devices

smart cameras, video alarm system and door and window sensors

NA-NOC-PRO

NA-NOC-S-PRO

NA-NSC-PRO

NA-NBU-AS-PRO

NA-DTG-PRO

Home + Security

Pack	Cat.Nos	Smart outdoor camera
1	NA-NOC-PRO[1]	Smart outdoor safety camera with detection of people, animals and vehicles Aluminium single monobloc construction Ultra-resistant glass and plastic, protection against UV rays Video sensor: 4MP. Resolution: Full HD 1080 p. Coding: H.264. Long-range detection: up to 20 m Field of view: 100°. 8x digital zoon for videos. Video live microphone LED spotlight: 12 W, variable intensity Infrared night vision: 15 m. Encryption protected access to the smartphone using the Home + Security App. Weather resistant: designed for outdoor use (HZO protection)
1	NA-NOC-S-PRO[1]	**Smart outdoor camera with siren** Smart outdoor safety camera with detection of people, animals and vehicles Equipped with 105 db alarm siren Aluminium single monobloc construction Ultra-resistant glass and plastic, protection against UV rays Video sensor: 4MP. Resolution: Full HD 1080 p. Coding: H.264. Long-range detection: up to 20 m. Field of view: 100°. 8x digital zoon for videos. Video live microphone LED spotlight: 12 W, variable intensity Infrared night vision: 15 m Encryption protected access to the smartphone using the Home + Security App. Weather resistant: designed for outdoor use (HZO protection)

Pack	Cat.Nos	Smart indoor camera
1	NA-NSC-PRO[1]	Smart indoor safety camera with people detection consisting of an aluminium monobloc unit Video sensor: 4MP. 130° panoramic view for a wider coverage High quality video with Full HD 1080 p viewing Guaranteed day and night protection with infrared vision, for comfortable viewing even in total darkness Recording only in case of intrusion, in respect of the privacy of the family Encryption protected access to the smartphone using the Home + Security App. Declaration of conformity and FCC declarations Open-source compatibility It has to be connected to an electric socket with the supplied AC adapter
1	NA-NBU-AS-PRO[1]	**Smart video alarm system** Smart video security alarm system consisting of 1 smart indoor camera, 1 smart indoor siren and 3 smart door and window opening sensors The products can be easily configured and associated using the Home + Security app. The smart video alarm system activates and deactivates automatically, has pre-recorded sounds to simulate a presence in the home, respects the privacy of the family and activates a 110 dB sound in case of intrusion
1	NA-DTG-PRO[1]	**Smart door and window sensors** Smart opening sensors for doors and windows ideal for safety Sensors with waterproof monobloc construction, vibration/motion detection and open/closed status Power supply with 2 AAA-type batteries included in the package. They only work with the smart indoor camera (sold separately): radio link between the sensors and the camera. Declaration of conformity and FCC Open-source compatibility Can be controlled and managed remotely with Home + Security app.

1: The products available in your country are subject to local regulations. The Catalogue numbers may be different from those presented in the international catalogue. Please contact your local agency

App. Home + Security available on
Google Play and the App Store

Red catalogue numbers: New products

Netatmo connected safety devices

smart video doorbell, smoke alarm, indoor siren and carbon monoxide alarm

NA-NDB-PRO

NA-NSA-PRO-EU

NA-NIS-01-PRO

NA-NCO-PRO

Home + Security

Pack	Cat.Nos	Smart video doorbell
1	NA-NDB-PRO[1]	Smart video doorbell for outdoor installation Allows you to receive a video call on your smartphone when someone rings the doorbell Equipped with Camera: 2 megapixels, 5x digital zoom. HDR function of automatic adaptation to lighting conditions. Infrared night vision even in conditions of total absence of brightness Video: Full HD 1080 p, portrait format 9:16. Field of view: 140° diagonal. Sound: high-quality speaker and microphone. Night vision: Infrared LED Operating temperature: -10° to 40° C. Weather resistant: HZO protection and IP44 certification Power supply: 8-24 V⏦ & 230 V⏦; minimum 8 VA. Local storage on microSD memory card and optional storage on Dropbox or FTP server MicroSD card up to 32 GB (class 10). Data protection with encrypted connection for the highest level of privacy Requirements: high speed internet access. The minimum required upload and download speed is 25 KB/s. Hotspots are not supported. Wireless specifications: Wi-Fi 802.11 b/g/n (2.4 GHz), Open/WEP/WPA/WPA2-personal. Operation via Home + Security app (iOS 10 required minimum - Android 5.0 required minimum) Compatible with Apple HomeKit, Google Assistant and Amazon Alexa

Pack	Cat.Nos	Smart smoke alarm
1	NA-NSA-PRO-EU[1]	Smart Smoke Alarm with 85 dB alarm, high performance photoelectric sensor, average coverage 50 m². When it detects the presence of smoke, it activates its 85-decibel alarm and immediately alerts you to your smartphone It is equipped with a 10-year battery - the maximum lifetime for all smoke detectors The Self-Test feature checks if the Smart Smoke Alarm is functioning correctly If it detects a problem, it sends a notification to your smartphone. Reliability guaranteed by CE (EN 14604) and NF certifications. Standalone device, no hub required. Compatible with Apple HomeKit Operation via the Home + Security app. Requirements: High-speed wireless internet connection needed. Public hotspots not supported. The Smart Smoke Alarm will detect smoke and will sound even if the Wi-Fi isn't configured However, you will need Wi-Fi to receive smartphone alerts. Wi-Fi 802.11 b/g/n (2.4 GHz), Open/WEP/WPA/ WPA2-Personal, Bluetooth Low Energy (BLE)

Pack	Cat.Nos	Smart indoor siren
1	NA-NIS-01-PRO[1]	Smart indoor siren with 110 dB alarm, prerecorded sounds and vibration sensor for tamper detection. Battery power supply or with a cable (not supplied) using the USB micro port It only works with the smart indoor camera and must be installed in the same room: Bluetooth Low Energy (BLE) wireless connection with the smart indoor camera Declaration of conformity and FCC declarations. Open-source compatibility Operation using the Home + Security app.

Pack	Cat.Nos	Smart carbon monoxide alarm
1	NA-NCO-PRO[1]	Smart carbon monoxide alarm / detector for wall installation It allows to monitor the fuel-burning appliances (boiler, fireplace, wood-burning stove, gas cooker, etc.) by measuring, in real time, the levels of carbon monoxide, which is an invisible, odourless and potentially fatal gas When it detects the presence of carbon monoxide, it activates its 85-decibel alarm and immediately alerts you to your smartphone It is equipped with a 10-year battery - the maximum lifetime for all carbon monoxide detectors The Self-Test feature checks if the Smart Carbon Monoxide Alarm is functioning correctly If it detects a problem, it sends a notification to your smartphone. Reliability guaranteed by CE (EN 50291) and NF certifications. Standalone device, no hub required. Compatible with Apple HomeKit Operation via the Home + Security app. Requirements: High-speed wireless internet connection needed Public hotspots not supported The Smart Carbon Monoxide Alarm will detect Carbon Monoxide and will sound even if the Wi-Fi isn't configured. However, you will need Wi-Fi to receive smartphone alerts Wi-Fi 802.11 b/g/n (2.4 GHz), Open/WEP/ WPA/WPA2-Personal, Bluetooth Low Energy (BLE)

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App. Home + Security available on
Google Play and the App Store

Red catalogue numbers: New products

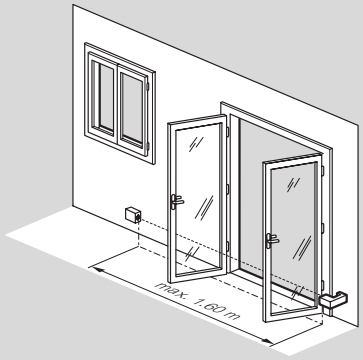
Optical barrier and door contact

0 419 12

Pack	Cat.Nos	Optical barrier
1	0 419 12	For shops, entrance halls Electrical power 24 to 230 V~ - 50/60 Hz - class II IP 67 - IK 08 Compatible with all electronic wired chimes and Legrand bell Adjustable time between 2 detections: 7 seconds Supplied with reflector and fixing brackets
		Door contact
10	0 419 00	Class III Recessed contact - normally closed when door open and open when door closed

Optical barrier and door contact

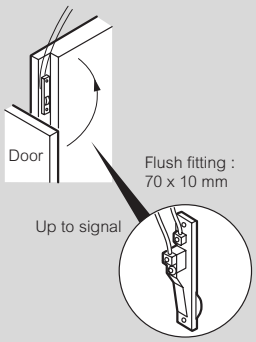
Optical barrier detector Cat.No 0 419 12



Door contact Cat.No 0 419 00

Chimes control SELV, bell or light (30 V max)

Recessed contact
Cat.No 0 419 00



Technical alarm detectors for domestic premises

smoke alarm detectors, monoxide alarm detector, accessories

0 405 17

0 405 28

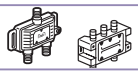
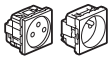
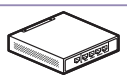
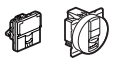
0 405 10

Pack	Cat.Nos	Stand alone smoke alarm detector
1	0 405 17	Detects the smoke Conform to EN 14604, CE CPR and NF DAAF approved (by AFNOR certification) Photoelectric technology guarantee without radioelement Gives a loud signal: 85 dB at 3 meters Powered by lithium battery (lifetime: 10 years, not replaceable) Life cycle of 10 years: Due date indicated on the product Fitted with: - "hush function": in case of false alarm permit to stop the alarm sound for 10 minutes - grid insect protection (to avoid false alarm) - "anti-theft function" (suitable for rental housing - a tool is necessary to take off the detector) Delivered with screws and battery
1	0 405 28	**Wireless interconnectable smoke alarm detector** Detects the smoke Conform to EN 14604 and CE CPR and NF DAAF approved (by AFNOR certification) Photoelectric technology guarantee without radioelement Gives a loud signal - 85 dB at 3 meters Powered by lithium battery (lifetime: 10 years, not replaceable) Life cycle of 10 years: Due date indicated on the product Can be interconnected with 10 devices - Cat.No 0 405 28 (smoke alarm detector) or - Cat.No 0 405 14 (relay) When one device detects, all interconnected devices go into alarm Can be interconnected with My Home intruder alarm Suitable for housing with more one floor or more one device Fitted with: - "hush function": in case of false alarm permit to stop the alarm sound for 10 minutes - grid insect protection (to avoid false alarm) - "anti-theft function" (suitable for rental housing - a tool is necessary to take off the detector) Delivered with screws and battery

Pack	Cat.Nos	Wireless interconnectable relay actuator
1	0 405 14	Change state upon detection of one of the interconnected devices Cat.No 0 405 28 Breaking capacity: 1 A - 30 V Power supply 12 V External back up power supply (not included) Can be interconnected with 10 devices: - Cat.No 0 405 28 (smoke alarm detector) Suitable to improve the housing safety Can be linked to Self-contained beacon Cat.No 0 405 10 to indicate the alarm condition to a deaf person, can send the alarm information on a telephone transmitter, can switch on the light to exit easier, can be linked to the home automation
1	0 405 10	**Self-contained sounder beacon** IP 65 - IK 07 Technology LED: white color Power supply: 230 V∿ - battery rescued 72H Sound < 60 dB Disabling possible Flash: Dimmable flash from 2 to 150 cd Frequency 1 Hz Suitable for deaf person Supplied with batteries

Practibox S Multimedia Home network cabinet

selection chart

1 - PRACTIBOX S MULTIMEDIA CABINET (SUPPLIED WITH WHITE DOOR)				
Flush-mounting	For masonry			1 357 02
	For dry partitions			1 357 22
Surface-mounting				1 358 02
2 - EQUIPMENT FOR INCOMING DATA				
RJ 45 sockets cat. 6 UTP	1 module	Mosaic		0 765 61
		Arteor		5 723 02
	2 modules	Mosaic		0 765 64
		Arteor		5 723 14
Ethernet cables	Cat. 6 U/UTP	LSZH 305 m		0 327 54
		LSZH 500 m		0 328 61
		PVC 305 m		0 327 55
Optical fiber sockets SC/APC	2 modules	Mosaic		0 786 14
2 - EQUIPMENT FOR INCOMING TELEVISION				
F type connector adaptors		Male/male		0 739 91
		Female/Female		0 739 92
TV coaxial Hertzian and satellite splitter		2 outputs		0 739 80
		4 outputs		0 739 82
TV/SAT combiner				0 739 70
F type connectors	F male twist on connector			0 739 90
	F compression connector			0739 95
F termination plug 75 Ω				0 739 98
2 - EQUIPMENT FOR INCOMING POWER				
2P+E French standard socket outlets	2 modules	Mosaic		0 771 11 L
		Arteor		5 720 21
2P+E Italian type socket outlets	1 modules	Mosaic		0 775 11
		Arteor		5 721 03
2P+E German standard socket outlets	2 modules	Mosaic		0 772 11
		Arteor		5 721 18
2P+E British standard socket outlets	2 modules	Mosaic		0 775 05
		Arteor		5 721 11
2P+E unswitched multistandard	2 modules	Arteor		5 721 23
3 - OTHER PRODUCTS				
Patch cords	Data and phone	0.2 m		4 130 47
		0.4 m		4 130 48
	Phone	1 RJ 45 0.18 m		4 132 01
	Phone splitter patch cord	2 RJ 45 0.3 m		4 132 02
		4 RJ 45 0.3 m		4 132 04
PoE switch 5 ports	EU power supply cord			4 131 11
	BS power supply cord			4 131 13
Optical fiber cord				0 326 18
4 - TERMINAL PRODUCTS (INSTALLATION OUTSIDE CABINET)				
DATA				
RJ 45 sockets UTP	1 module	Arteor		○ 5 723 02 ● 5 728 02 ● 5 700 57 ● 5 710 57
		Mosaic		○ 0 765 61 ● 0 794 61L ● 0 794 61
	2 modules	Arteor		○ 5 723 14 - 5 723 24 (round) ● 5 728 14 - 5 728 24 (round) ● 5 700 59 ● 5 710 59 - 5 728 81 (round)
		Mosaic		○ 0 765 64 ● 0 791 64L ● 0 794 64

Red catalogue numbers: New products

Practibox S Multimedia Home network cabinet

selection chart (continued)

4 - TERMINAL PRODUCTS (INSTALLATION OUTSIDE CABINET) (CONTINUED)				
DATA (CONTINUED)				
Flush-mounting PoE Wi-Fi Access Point (n+ac)				0 336 10
Surface-mounting PoE Wi-Fi Access Point (n)				0 335 23
RJ 45 cat. 6 U/UTP user cords		**0.5 m**		0 518 18
		1 m		0 517 72 0 518 62 0 518 58
		2 m		0 517 73 0 518 63 0 518 59
		3 m		0 517 74 0 518 64 0 518 60
		5 m		0 517 75 0 518 65 0 518 61
RJ 11 / RJ 45 user cord		**2 m**		0 516 94
Optical sockets SC/APC	**2 modules**	**Mosaic**		○ 0 786 14 ● 0 791 14L ● 0 794 15L
TELEVISION				
TV F-type sockets	**1 module**	**Arteor**		○ 5 721 63 ● 5 726 63 ● 5 700 50 ● 5 710 50
		Mosaic		○ 0 787 90
	2 modules	**Mosaic**		○ 0 787 80
TV 9,5 mm male sockets	**1 module**	**Arteor**		○ 5 721 71 ● 5 726 71 ● 5 700 51 ● 5 710 51
		Mosaic		○ 0 787 93
	2 modules	**Mosaic**		○ 0 787 82 ● 0 792 92
TV-SAT sockets	**1 module**	**Arteor**		○ 5 721 67 ● 5 726 67 ● 5 726 95 ● 5 726 94
		Mosaic		○ 0 787 95
TV-R-SAT sockets	**2 modules**	**Arteor**		○ 5 721 72 ● 5 726 72 ● 5 726 91 ● 5 726 90
		Mosaic		○ 5 787 86 ● 0 792 96
TV-R-SAT-SAT sockets	**2 modules**	**Arteor**		○ 5 721 69 ● 5 726 69 ● 5 726 93 ● 5 726 92
		Mosaic		○ 0 787 94
Coaxial user cord for connecting a TV		**2 m**		0 910 24

Red catalogue numbers: New products

Practibox S Multimedia Home network cabinet

1 357 02

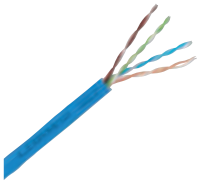
1 358 02

Selection chart **p. 872**

Pack	Cat.Nos	**Practibox S Multimedia Home network cabinets**
		4 slots for data or telephone sockets 4x2 modules 2 slots for power sockets 2x2 modules ISP Wi-Fi Router (or switch) support With pre-cut base for cable incoming
		Flush-mounting version Supplied with white door 12-module width
1	1 357 02	For bricks and masonry walls
1	1 357 22	For dry partitions
		Surface-mounting version Supplied with white door
1	1 358 02	12-module width

Home network cabinet

components



0 327 54

0 765 61

0 786 14

Selection chart **p. 872**

Pack	Cat.Nos	**RJ 45 sockets for datacom**
		Contacts marked with dual colour code for wiring schemes T568A and T568B Conforms to standards ISO/IEC 11801 Ed. 3.0, amendment 2, EN 50173-A and TIA/EIA 568 C
		Cat. 6 UTP - 1 module White
10	0 765 61	Mosaic version
10	5 723 02	Arteor version
		Cat. 6 UTP - 2 modules White
10	0 765 64	Mosaic version
10	5 723 14	Arteor version
		Ethernet cables Cables for local network cat. 6 U/UTP 4 twist pairs 100 Ω Blue RAL 5015 Colour code TIA/EIA Conform to standards ISO/IEC 11801 edition 2.0, EN 50173-1 and TIA/EIA 568C
		LSZH
305(1)	0 327 54	Length 305 m Supplied in cardboard box Weight 16 kg
505(1)	0 328 61	Length 500 m Supplied on reel Weight 18 kg
		PVC
305(1)	0 327 55	Length 305 m Supplied in cardboard box Weight 13 kg
		Optical socket for datacom
		For connecting 2 fibres to the workstation Equipped with 1 duplex adaptor Supplied with protective caps
1	White 0 786 14	Mosaic version SC/APC single mode fiber optic socket

1: In meter(s)

Red catalogue numbers: New products

Home network cabinet

components (continued)

0 739 70

0 739 92

0 772 11

Selection chart **p. 872**

Pack	Cat.Nos	Equipment for incoming television
		TV coaxial Hertzian and satellite splitter
		"F" type connectors
		Frequency: 0 - 2400 MHz
		DIN rail mount with accessory Cat.No 0 739 79 (not provided)
5	0 739 80	TV coaxial splitter - 2 outputs (attenuation - 4.5 dB) 3.5 modules
5	0 739 82	TV coaxial splitter - 4 outputs (attenuation - 8.5 dB) 4.5 modules
		TV/SAT combiner
		Isolation TV - SAT > 25 db
5	0 739 70	Coupler with hertzian and satellite input 47 - 862 MHz/950 - 2400 MHz
		"F" connector adaptor
25	0 739 91	"F" connector male/male adaptor
25	0 739 92	"F" connector female/female adaptor
		"F" connector for Ø7 mm coaxial cable
25	0 739 90	"F" male twist on connector
25	0 739 95	"F" compression connector
		"F" termination plug 75 Ω
10	0 739 98	Used to equip unused outputs of splitters and amplifiers
		Power sockets
		2P+E French standard
		2 modules - White
10	0 771 11L	Mosaic version - Surface
10	5 720 21	Arteor version
		2P+E Italian type
		1 module - White
		10/16 A screw terminals
10	0 775 11	Mosaic version
10	5 721 03	Arteor version
		2P+E German standard
		2 modules - White
		16 A automatic terminals
10	0 772 11	Mosaic version
10	5 721 18	Arteor version
		2P+E British standard
		2 modules - White
		13 A
10	0 775 05	Mosaic version
10	5 721 11	Arteor version
		2P+E unswitched multistandard
		2 modules - White
10	5 721 23	Arteor version

Home network cabinet

other product

4 130 47

4 130 48

4 131 11

Selection chart **p. 872**

Pack	Cat.Nos	Patch cords
		Data and phone patch cord equipment
4	4 130 47	Flexible patch cord - 0.2 m
4	4 130 48	Flexible patch cord - 0.4 m
		Phone patch cord equipment
4	4 132 01	Telephone patch cord - 0.18 m
1	4 132 02	Telephone splitter patch cord 2 RJ 45 - 0.3 m
1	4 132 04	Telephone splitter patch cord 4 RJ 45 - 0.3 m
		PoE switches
		Ethernet switch with 5 ports with 4 Gigabits PoE+ outputs
		Non manageable
		Whole device power: 65 W
		Maximum power output of each PoE port: 30W
		Supplied with power supply
		Dimensions:
		991 (Width) x 991 (depth) x 273 mm (height)
1	4 131 11	EU power supply cord
1	4 131 13	BS power supply cord

Red catalogue numbers: New products

Terminal products

for multimedia home network

0 794 61

0 794 61L

0 765 64

0 791 64L

0 336 10

0 335 23

0 517 72

Selection chart **p. 873**

RJ 45 sockets Mosaic

Pack	Cat.Nos	
		Cat. 6 UTP - 1 module
10	0 765 61	○ White
10	0 794 61	● Aluminium
10	0 794 61L	● Black Mat
		Cat. 6 UTP - 2 modules
10	0 765 64	○ White
10	0 794 64	● Aluminium
10	0 791 64L	● Black Mat

RJ 45 sockets Arteor

Pack	Cat.Nos	
		Cat. 6 UTP - 1 module
10	5 723 02	○ White
10	5 728 02	● Magnesium
10	5 700 57	● Champagne
10	5 710 57	● Soft Alu
		Cat. 6 UTP - 2 modules
10	5 723 14	○ White - square version
10	5 728 14	● Magnesium - square version
10	5 700 59	● Champagne - square version
10	5 710 59	● Soft Alu - square version
10	5 723 24	○ White - round version
10	5 728 24	● Magnesium - round version
10	5 728 81	● Soft Alu - round version

PoE Wi-Fi Access point

Pack	Cat.Nos	
1	0 336 10	**Flush-mounting** To be installed in flush-mounting boxes min. depth 40 mm With RJ 45 connector with fast connection thanks to integrated crimping Power supply by a Power over Ethernet switch Easy configuration with a smartphone or computer (Home + Project or browser based) Possibility to choose Wi-Fi signal strength (only in room or beyond) ON/OFF function Wi-Fi 802.11n+ac
1	0 335 23	**Surface-mounting** Plug & play product to be installed on any RJ 45 socket connected to a Power over Ethernet switch Self powered with PoE Easy configuration with a smartphone or computer (Home + Project or browser based) Possibility to choose Wi-Fi signal strength (only in room or beyound) WPS (Wi-Fi Protected Setup) and ON/OFF functions Wi-Fi 802.11n

RJ 45 patch cords and user cords

Pack	Cat.Nos	
	PVC	**Cat. 6 unscreened impedance 100 Ω** RJ 45 - RJ 45 right
1	0 518 18	Length 0.5 m
1	0 517 72	Length 1 m
1	0 517 73	Length 2 m
1	0 517 74	Length 3 m
1	0 517 75	Length 5 m
	LSZH	
1	0 518 62 | 0 518 58	Length 1 m
1	0 518 63 | 0 518 59	Length 2 m
1	0 518 64 | 0 518 60	Length 3 m
1	0 518 65 | 0 518 61	Length 5 m

Optical sockets Mosaic

For connecting 2 fibres to the workstation
Equipped with 1 duplex adaptor
Supplied with protective caps
2 modules

SC/APC single mode fiber optic socket

Pack	Cat.Nos	
1	0 786 14	○ White
1	0794 15L	● Aluminium
1	0791 14L	● Black Mat

Optical fiber cord

Pack	Cat.Nos	
5	0 326 18	For connecting 2 fibres to the workstation Equipped with 1 duplex adaptor Supplied with protective caps 2 modules

Red catalogue numbers: New products

Terminal products

for multimedia home network (continued)

0 787 82

0 787 80

0 787 86

5 726 63

5 721 67

5 721 69

Pack	Cat.Nos	Television sockets Mosaic
		TV 9.5 mm male Low attenuation: 1dB
5	0 787 93	○ White - 1 module
10	0 787 82	○ White - 2 modules
10	0 792 92	● Alu - 2 modules
		TV "F-type" Low attenuation: 1dB
10	0 787 90	○ White - 1 module
10	0 787 80	○ White - 2 modules
		TV-SAT - 1 module Low attenuation: 1dB
5	0 787 95	○ White
		TV-R-SAT - 2 modules Low attenuation: 1.5 dB
10	0 787 86	○ White
10	0 792 96	● Alu
		TV-R-SAT-SAT - 2 modules Low attenuation: 1.5 dB (In1: TV-R-SAT / In2: SAT2)
10	0 787 94	○ White

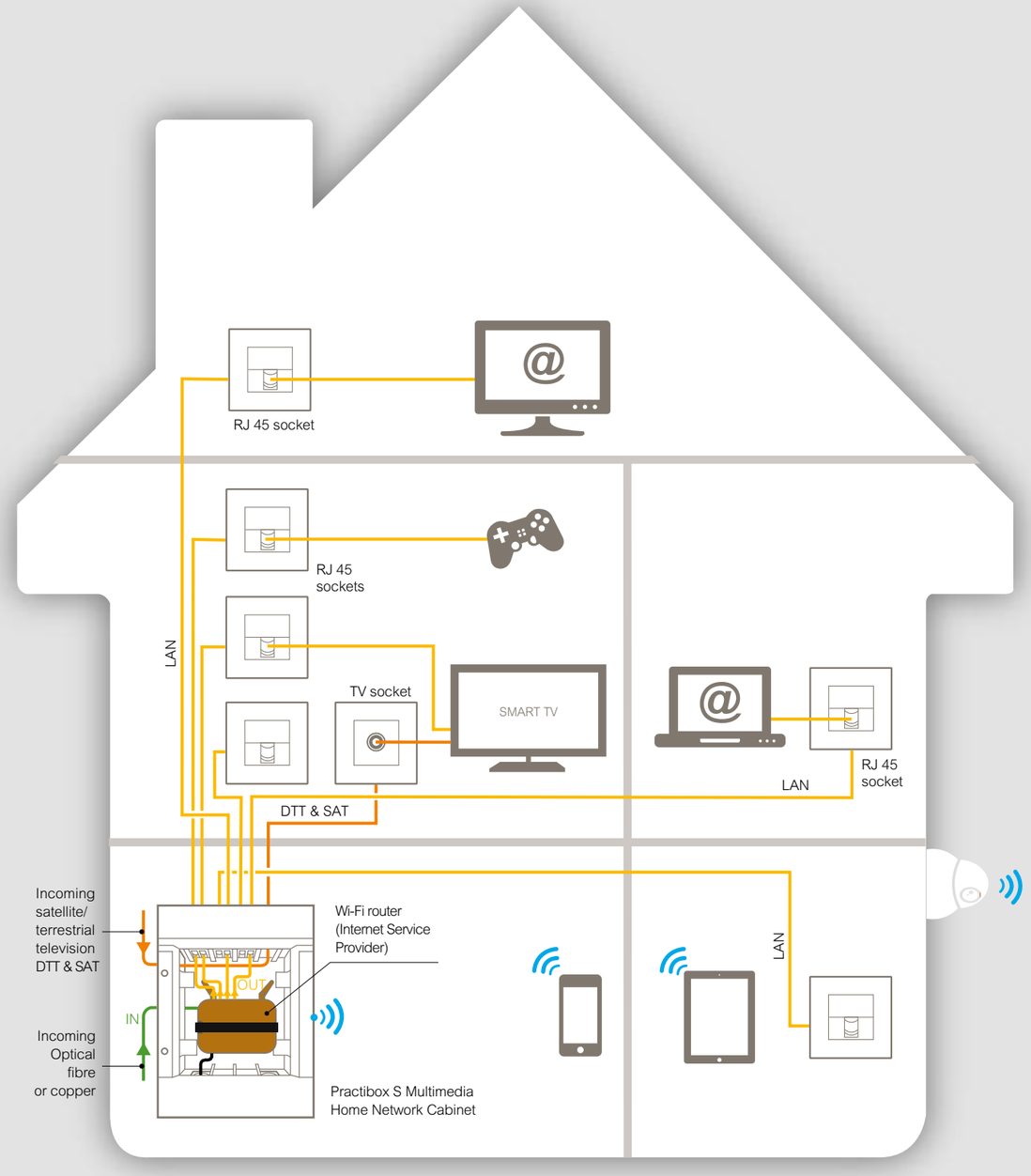
Pack	Gencod packaging	Coaxial user cord for connecting a TV
10	0 910 24	**9.52 mm male - female** Length 2 m

Pack	Cat.Nos	Television sockets Arteor
		TV 9.5 mm male sockets - 1 module Low attenuation: 1dB
10	5 721 71	○ White
10	5 726 71	● Magnesium
10	5 700 51	● Champagne
10	5 710 51	● Soft Alu
		TV "F-type" sockets - 1 module Low attenuation: 1dB
10	5 721 63	○ White
10	5 726 63	● Magnesium
10	5 700 50	● Champagne
10	5 710 50	● Soft Alu
		TV-SAT socket - 1 module
10	5 721 67	○ White
10	5 726 67	● Magnesium
10	5 726 95	● Champagne
		TV-R-SAT sockets - 2 modules Low attenuation: 1.5 dB Radio FM +DAB+
10	5 721 72	○ White
10	5 726 72	● Magnesium
10	5 726 91	● Champagne
10	5 726 90	● Soft Alu
		TV-R-SAT-SAT sockets - 2 modules Low attenuation: 1.5 dB (In1: TV-R-SAT1 / In2: SAT2)
1	5 721 69	○ White
1	5 726 69	● Magnesium
1	5 726 93	● Champagne
1	5 726 92	● Soft Alu

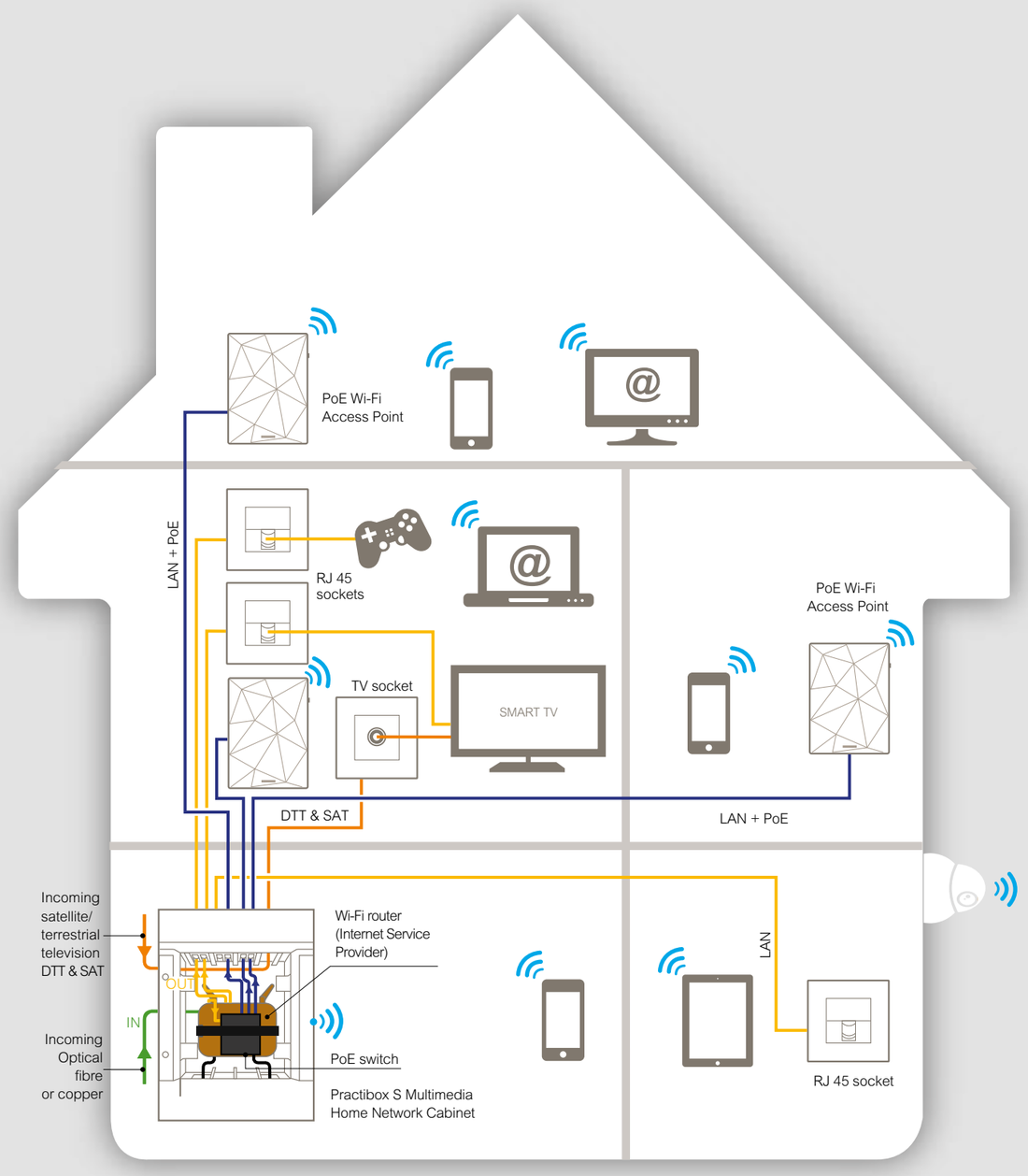
Pack	Gencod packaging	Coaxial user cord for connecting a TV
10	0 910 24	**9.52 mm male - female** Length 2 m

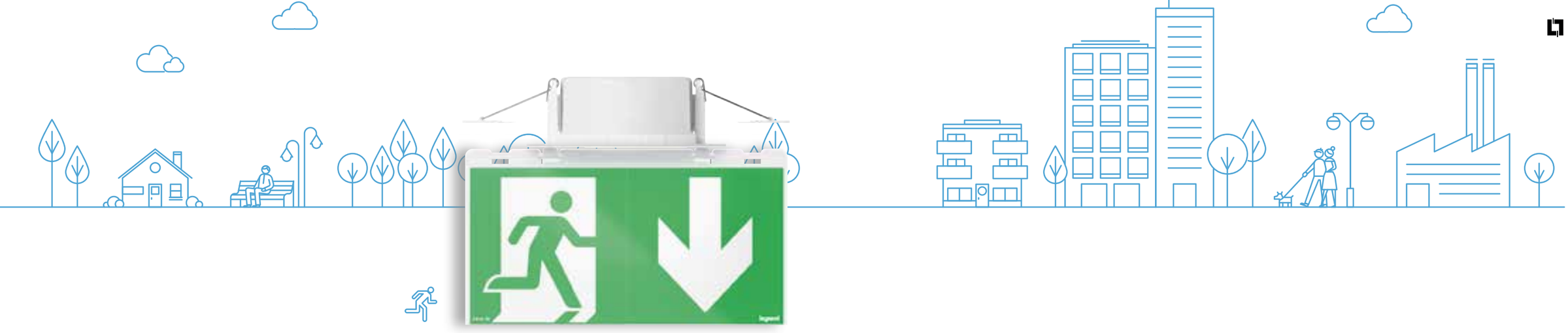
Installation example

Wired network performance



Wi-Fi ready at home installation example





LIGHTING MANAGEMENT & EMERGENCY LIGHTING

NEW PRODUCTS

p. 905
X-light 360 emergency lighting luminaires LED

P. 910
X-light 180 emergency lighting luminaires LED

P. 911
B65^{LED} autotest emergency lighting luminaires LED

LIGHTING MANAGEMENT & INDOOR/OUTDOOR LIGHTING

P. 884
Motion sensors for 1 circuit

P. 887
Presence sensors for 1 circuit

P. 890
Configuration tool and accessories

P. 893
Lighting Management BUS/KNX manual control units

P. 894 N
Lighting Management BUS/KNX radio extension

P. 894
Lighting Management BUS/KNX thermoregulation

P. 895
Lighting Management BUS/KNX sensors

P. 896
Lighting Management BUS/KNX controllers

P. 900
Weatherproof bulkhead lights

EMERGENCY LIGHTING

P. 905 N
X-light 360 indoor self-contained emergency lighting luminaires LED

P. 906
URA ONE indoor self-contained emergency lighting luminaires

P. 908
U34^{LED} indoor self-contained emergency lighting luminaires LED

P. 910 N
X-light 180 indoor self-contained emergency lighting luminaires LED

P. 911 N
B65^{LED} weatherproof self-contained emergency lighting luminaires LED

P. 912
LED Twinspot emergency lighting luminaires

P. 913
LED portable lamps, accessories

P. 914
Labels for emergency lighting luminaires

P. 914
Emergency lighting remote controls for autotest luminaires

P. 916
LVS2 addressable & monitoring system

SAFETY EQUIPMENT

P. 919
Safety boxes 90 serie

P. 920
Safety boxes 125 series

P. 920
Automatic sensors for fire detection

P. 921
Sounders, sounder beacons, electromagnetic door holder

Must-have solutions for all buildings!

Let's put a stop to energy waste! With our comprehensive range, you are sure to find the sensor that will suit any area and control lighting efficiently.

Benefits at all levels, in all spaces

ENERGY SAVING

Lighting can be managed automatically, based on room occupancy and the level natural light, which reduces the time it remains on unnecessarily.

Ideal for meeting rooms, toilets, etc.

WELL-BEING

Room occupants can manually control and dim the light according to their needs and working habits. They are also guaranteed a minimum lux level thanks to the daylight harvesting function.

Ideal for individual offices.

SAFETY

Presence detection ensures that the lighting is automatically switched on at a pre-set lux level when someone enters the area, for safer movement within the building.

Ideal for corridors, stairways, car parks, etc.

REGULATIONS & BUILDINGS CERTIFICATIONS

Because they improve energy efficiency and comfort, thus guaranteeing compliance with regulations, lighting management solutions have become essential in all buildings, especially when aiming for certifications (Well, Lead, Bream...).

A global offer meeting all requirements

Legrand's offer enables you to meet your customers' needs, from simple installation to complete systems.
In addition to the Legrand offer, for an even more advanced response, discover the offers of the Group's two brands specialized in energy efficient lighting control:

- CP Electronics, more information on: **www.cpelectronics.co.uk**
- WattStopper, more information on: **www.legrand.us/wattstopper**

Specific answers for specific needs

Thanks to its diversity, our offer ensures an adapted response whichever the requirements.

MOTION SENSORS (P. 884)

The essential range for basic projects

- Automatic ON/OFF function
- Time & lux adjustable through trimmers
- Cost-effective range
- Ceiling or wall-mounting options
- Recommended for passage areas

PRESENCE SENSORS (P. 887)

The most adaptable range

- Advanced functions: automatic ON/OFF, manual override, absence mode, dimming (DALI, 0-10V), daylight setpoint...
- Wide range of products that can be configured remotely via the Close Up app: easy configuration, product settings modification, operational tests...
- Recommended for any space

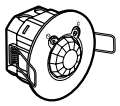
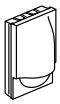
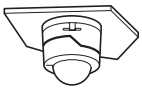
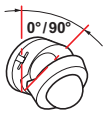
KNX SOLUTIONS (P. 893)

The standard system for building automation

- Fully programmable products allowing multifunction control, supervision, scenario creation, scheduling...
- Customizable solutions to manage lighting, shutters, socket outlets and HVAC
- Interoperable with all applications installed (fire alarms, emergency lighting, etc.)
- Recommended for low consumption accredited constructions

Motion sensors for 1 circuit

selection chart

	INSTALLATION			
	CEILING		WALL	
	Flush-mounting	Surface-mounting	Flush-mounting	Surface-mounting
ALL SPACES				
Corridors, stairways, storage rooms, technical areas, toilets, halls, lobbys, offices…	 0 489 41 0 489 44 (retail packaging)	 0 489 48 0 489 49 (retail packaging)	 Arteor/Mosaic wiring devices solutions available, see p. 562-1176	 0 489 42 0 489 45 (retail packaging)
HIGHER IP SOLUTIONS				
Parking lots, entrance areas, outdoor installations, humid areas…	-	 0 697 40 (Grey) 0 697 80 (White) 0 488 98 (White - retail packaging)	 Arteor/Mosaic wiring devices solutions available, see p. 562-1176	 0 489 43 0 489 46 (retail packaging)  0 697 40 (Grey) 0 697 80 (White) 0 488 98 (White - retail packaging)

Red catalogue numbers: New products

Motion sensors for 1 circuit

motion sensors for passage areas without natural light

0 489 42

0 489 43

0 488 98

0 697 80
(directional head)

Selection chart **p. 884**

Automatic ON/OFF
Manual adjustment of light level threshold and time delay via potentiometer

Pack	Cat.Nos	Ideal for all spaces
1	Retail 0 489 44 | Cardboard 0 489 41	**PIR IP 20 ceiling/flush-mounting motion sensor, 360°** Range Ø8 m Recommended fixing height: 2.5 m 3-wire with neutral Light level threshold: 10 to 1275 lux Adjustable time delay: 10 s to 10 min Standby consumption: 0.75 W Optimum distance between 2 sensors: 6 m Fixes directly to a false ceiling with mounting claws (included) or installed in a Batibox box, depth 50 mm
1	Retail 0 489 49 | Cardboard 0 489 48	**PIR IP 20 ceiling/surface-mounting motion sensor, 360°** Range Ø8 m Recommended fixing height: 2.5 m 3-wire with neutral Light level threshold: 10 to 1275 lux Adjustable time delay: 10 s to 10 min Standby consumption: 0.75 W Optimum distance between 2 sensors: 6 m Installed directly on surface ceiling
1	Retail 0 489 45 | Cardboard 0 489 42	**PIR IP 41 wall/surface-mounting motion sensor, 140°** Range Ø8 m Recommended fixing height: 2.5 m 3-wire with neutral Light level threshold: 10 to 1275 lux Adjustable time delay: 10 s to 10 min Standby consumption: 0.75 W For direct surface-mounting on wall

Pack	Cat.Nos	Ideal for outdoor and humid areas
1	Retail 0 489 46 | Cardboard 0 489 43	**PIR IP 55 wall/surface-mounting motion sensor, 360°** Range Ø8 m Recommended fixing height: 2.5 m 3-wire with neutral Light level threshold: 10 to 1275 lux Adjustable time delay: 10 s to 10 min Standby consumption: 0.75 W For direct surface-mounting on wall
		PIR IP 55 wall or ceiling/surface-mounting motion sensors, 360° With directional head, range Ø8 m Fix directly to ceiling or wall (min. height: 1.70 m) 3-wire with neutral Light level threshold: 5 to 1275 lux Adjustable time delay: 12 s to 16 min Standby consumption: 0.9 W Optimum distance between 2 sensors: 6 m
	Retail | Cardboard	
1	- | 0 697 40	● Grey
1	0 488 98 | 0 697 80	○ White

Discover and download the document motion sensors

Mosaic presence and motion sensors, **p. 1176**

Arteor presence and motion sensors, **p. 562**

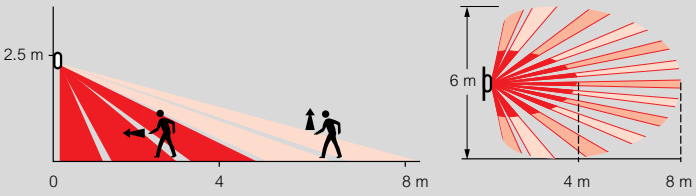
Red catalogue numbers: New products

Motion sensors for 1 circuit

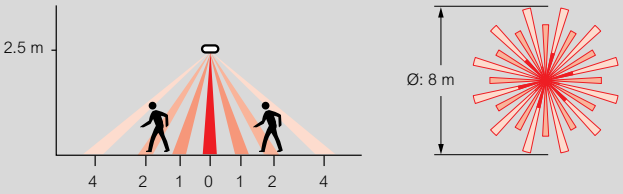
detection zones and load table

Detection zones

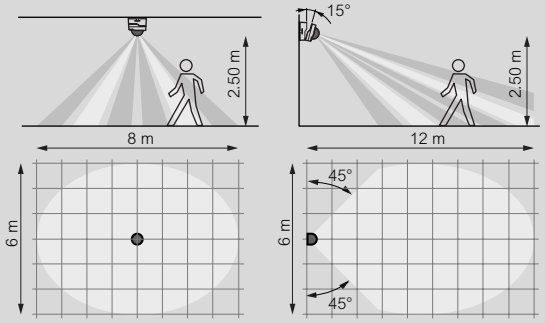
Cat.Nos 0 489 42/45



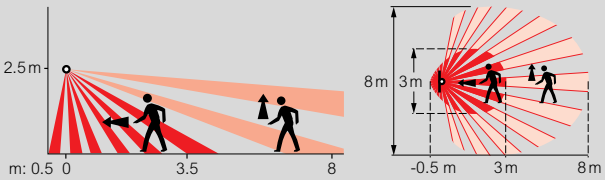
Cat.Nos 0 489 41/44/48/49



Cat.Nos 0 697 40/80, 0 488 98



Cat.Nos 0 489 43/46



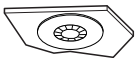
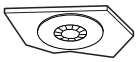
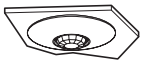
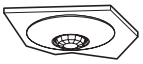
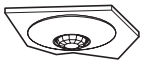
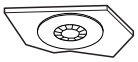
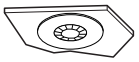
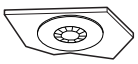
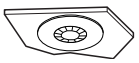
Load table

Cat.Nos	Halogen bulb	ELV halogen with ferromagnetic transformer	ELV halogen with electronic transformer
0 489 42/45	2000 W	1000 VA	1000 VA
0 489 41/44	2000 W	1000 VA	1000 VA
0 489 43/46	2000 W	1000 VA	1000 VA
0 697 40/80 0 488 98	2000 W	1000 VA	1000 VA

Cat.Nos	Fluorescent tube	Compact fluorescent bulb	LED
0 489 42/45	10 x (2 x 36 W)	250 W	250 W
0 489 41/44/48/49	10 x (2 x 36 W)	250 W	250 W
0 489 43/46	10 x (2 x 36 W)	250 W	250 W
0 697 40/80 0 488 98	10 x (2 x 36 W)	250 W	250 W

Presence sensors for 1 circuit

selection chart

		INSTALLATION			
		CEILING / FLUSH-MOUNTING			WALL
		Load control ON/OFF	Dimming 1-10 V	Dimming DALI	Load control ON/OFF
WORKING AREAS					
Small spaces (individual offices, small rooms)	**Recommended option**	0 488 07[1]	 0 489 64	 0 489 65	Arteor/Mosaic flush-mounting wiring devices solutions available, see p. 562-1176
	Aesthetic option	0 489 54	0 489 66	0 489 53	
	Alternative option	0 488 06[1] (Dual Technology) 0 488 04[1] (PIR HD ON/OFF + AUX.)			
Large spaces (meeting rooms, conference rooms, classrooms, libraries, open spaces)	**Recommended option**	 0 489 70	 0 489 69	 0 489 68	
PASSAGE AREAS					
Corridors	**Recommended option**	0 488 17[1] 0 489 55/56/57	-	-	Arteor/Mosaic flush-mounting wiring devices solutions available, see p. 562-1176
	Aesthetic option	0 489 54	0 489 66	0 489 53	
	Alternative option	0 488 07[1] (round detection zone)	 0 489 64	 0 489 65	
Stairways, toilets, technical rooms, storage rooms…	**Recommended option**	0 488 07[1]	 0 489 64	 0 489 65	
	Aesthetic option	0 489 54	0 489 66	0 489 53	
High ceiling areas (sports areas, industrial areas, logistics areas…)	**Recommended option**	0 489 59[1]	-	-	
Batten-mounted installation (parking lots, entrance areas, outdoor installations, humid areas…)	**Recommended option**	0 489 58	-	-	
HIGHER IP SOLUTIONS					
Parking lots, entrance areas, outdoor installations, humid areas…	**Recommended option**	0 489 58 0 489 59[1]	-	-	0 489 33 Surface-mounting

1: Surface-mounting possible: may require an accessory

Red catalogue numbers: New products

Presence sensors for 1 circuit

for passage areas with natural light

0 488 17

0 489 55/56/57

0 489 33

0 489 58

0 489 59

Selection chart **p. 887**
Technical characteristics **p. 891**

Check presence and natural light level continuously, switch-OFF when there is sufficient natural light
Occupancy mode (automatic switch-ON/OFF factory setting)
Can be used with push-button Cat.No 2 780 40L (p. 1173) (or illuminated push-button Cat.No 0 770 33L) (p. 1173) for vacancy mode (manual switch-ON and manual or automatic switch-OFF)
Precise on-site adjustment using configuration tool Cat.No 0 882 30 (p. 890)
Adjustable time delay: 5 s to 59 min. Light level threshold adjustable from 5 to 1275 lux

Pack	Cat.Nos	Ideal for passage areas
1	0 488 17	**PIR ceiling-mounting Lighting Management sensors, 360°** Fix directly to a false ceiling with mounting claws (included) or installed in a Batibox box, depth 50 mm (p. 810) 3-wire with neutral Standby consumption: 0.4 W Recommended fixing height: 2.5 m Lateral detection 24 m Ideal for hallway, side range 2 x 12 m IP 20 Optimum distance between 2 sensors: 20 m Connection via automatic terminals Surface-mounted on ceiling using accessory Cat.No 0 488 75 (p. 890)
1	0 489 55	**Microwaves IP 40 ceiling-mounting DALI Lighting Management sensor, 360°** DALI dimming sensors with a relay for switching an additional load Maximum number of DSI or DALI ballasts: 10 (20 if the relay is disabled) Microwaves detection, front coverage of 6 x 30 m with head tilted to 80° Consumption 0.96 W Recommended installation height: 2.6 m Can be installed on surface with dedicated installation box (Cat.No 0 489 64) Microwaves admissible frequencies vary, select the correct product version according to your geographical region 10.587 GHz
1	0 489 56	10.525 GHz
1	0 489 57	9.900 GHz

Pack	Cat.Nos	Ideal for outdoor and humid areas
1	0 489 33	**PIR IP 55 wall or ceiling-mounting Lighting Management sensor, 270°** Multi lens sensor with directional head, range 18 m Recommended fixing height: 2.5 m 3-wire with neutral Standby consumption: 0.7 W Can be mounted on an angle using accessory Cat.No 0 489 72 (p. 890)
1	0 489 58	**PIR IP 65 batten-mounting Lighting Management sensor, 360°** Suitable for low temperature environments (-30° C to +35° C) Installed directly on the lamp cable knockout (Ø20 mm). M20 standard Passive infrared detection, range Ø16 m Standby consumption 0.8 W Maximum installation height: 7 m 3-wire with neutral connection to power supply

Pack	Cat.Nos	Ideal for high ceiling areas
1	0 489 59	**PIR IP 40/IP 65 ceiling-mounting Lighting Management sensor, 360°** Suitable for low temperature environments (-30° C to +35° C) Range Ø40 m IP 40 without gasket, IP 65 with gasket Consumption 0.85 W Maximum installation height: 20 m Can be installed on surface with dedicated installation accessory included in the box (Cat.No 0 489 65 or 0 489 66)

Pack	Cat.Nos	Ideal for storage areas and restroom
1	0 488 07	**PIR ceiling-mounting Lighting Management sensors, 360°** Fix directly to a false ceiling with mounting claws (included) or installed in a Batibox box, depth 50 mm (p. 810) 3-wire with neutral Standby consumption: 0.4 W Recommended fixing height: 2.5 m Range Ø8 m Optimum distance between 2 sensors: 6 m Connection via automatic terminals Surface-mounted on ceiling using accessory Cat.No 0 488 75 (p. 890)

Examples of solutions for classroom, open-space office and meeting room

Arteor presence and motion sensors, **p. 562**

Presence sensors for 1 circuit

for working areas with natural light

0 489 53/54

0 488 04

Selection chart **p. 887**
Technical characteristics **p. 891**

Check presence and light level continuously, switch-OFF when there is sufficient natural light
Occupancy mode (automatic switch-ON/OFF factory setting)
Can be used with push-button Cat.No 2 780 40L (p. 1173) (or illuminated push-button Cat.No 0 770 33) (p. 1173) for vacancy mode (manual switch-ON and manual or automatic switch-OFF)
Infrared and ultrasonic Lighting Management sensors for workplaces, allowing precise presence detection as soon as the wave transmitted by the sensor is modified (for example, by hand movement on a keyboard)
Precise on-site adjustment using configuration tool (p. 890)

Ideal for working areas - small spaces

Suitable for meeting room, classroom, open space, etc.

Pack	Cat.Nos	
		Dual technology ceiling-mounting Lighting Management sensors, 360°
1	0 488 06	Infrared and ultrasonic detection Range Ø8 m IP 20 3-wire with neutral Optimum distance between 2 sensors: 6 m Standby consumption: 0.8 W Fix directly to a false ceiling with mounting claws (included) or installed in a Batibox box, depth 50 mm (p. 810) Connection via automatic terminals Can be surface-mounted in ceiling using accessory Cat.No 0 488 75 (p. 890)
		Mini-head PIR ceiling-mounting Lighting Management sensors, 360°
1	0 489 53	IP 40, range Ø7 m Recommended installation height: 2.8 m 3-wire with neutral connection to power supply Can be installed on surface with dedicated accessory included in the box DALI dimming sensor with a relay for switching an additional load Maximum number of DSI or DALI ballasts: 10 Standby consumption 0.3 W
1	0 489 66	1-10 V dimming sensor + 1 ON/OFF output 6 A Maximum number of ballasts: 10 Standby consumption: 0.6 W
1	0 489 54	ON/OFF presence sensor Standby consumption 0.8 W
		PIR ceiling-mounting Lighting Management sensors, 360° IP 40 3-wire with neutral To be installed with claws (supplied) Connection via screw terminals
1	0 489 64	DALI dimming sensor + 1 ON/OFF output 10 A Range Ø7 m Maximum number of DSI or DALI ballasts: 20
1	0 489 65	1-10 V dimming sensor + 1 ON/OFF output 10 A Range Ø7 m Maximum number of ballasts: 10

Ideal for working areas - large spaces

Pack	Cat.Nos	
		PIR ceiling-mounting Lighting Management sensors, 360° IP 40 3-wire with neutral To be installed with claws (supplied) Connection via screw terminals
1	0 489 68	DALI dimming sensor + 1 ON/OFF output 10 A Range Ø15m Maximum number of DSI or DALI ballasts: 20
1	0 489 69	1-10 V dimming sensor + 1 ON/OFF output 10 A Range Ø15 m Maximum number of ballasts: 10
1	0 489 70	ON/OFF presence sensor 2 outputs 6 A

Ideal for offices

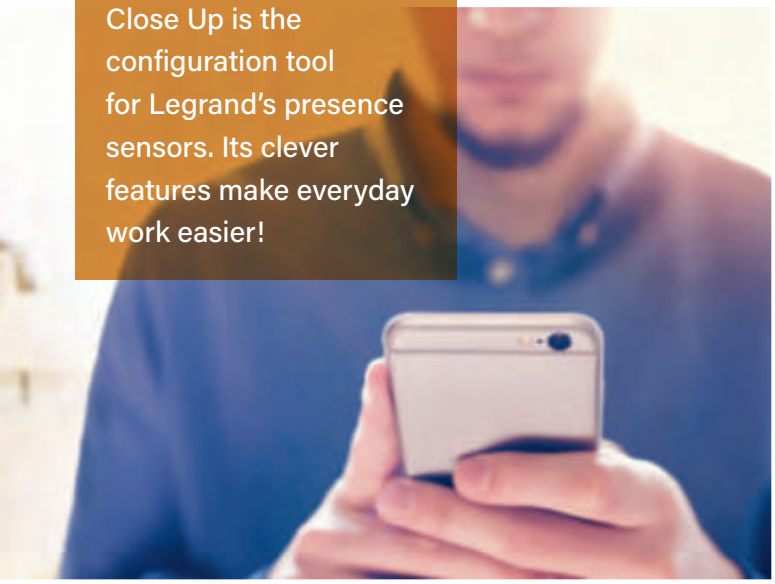
Pack	Cat.Nos	
		PIR ceiling-mounting Lighting Management sensor, 360°
1	0 488 04	Range Ø8 m 3-wire with neutral Optimum distance between 2 sensors: 6 m Standby consumption: 0.8 W Fix directly to a false ceiling with mounting claws (included) or installed in a Batibox box, depth 50 mm (p. 810) Can be surface-mounted in ceiling using accessory Cat.No 0 488 75 (p. 890) With an additional 2 A contact for HVAC control, based on presence data

Examples of solutions for classroom, open-space office and meeting room

Mosaic presence and motion sensors, **p. 1176**

Easy configuration and management with the Close Up App.!

Close Up is the configuration tool for Legrand's presence sensors. Its clever features make everyday work easier!



Configure

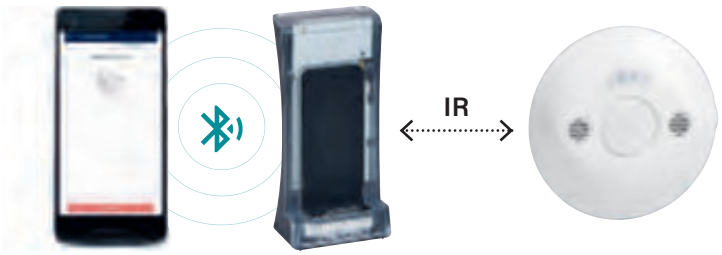
Close Up allows quick, easy and complete adjustment of the parameters of the sensors (time delay, daylight setpoint, sensitivity, etc.). It also enables functional testing.

Close Up is available for free on Google Play and App Store!

GET IT ON Google Play | Download on the App Store

And save time with the copy & paste procedure!

Thanks to Legrand's configuration tool, Close Up App. automatically identifies the sensor and downloads its configuration file to allow a precise trimming of each parameter according to the user's needs. Once the configuration has been done on one sensor, the setting file can be copied and pasted to other sensors within the project or in other ones!



Configuration tool and accessories

0 882 40

Technical characteristics **p. 892**

Pack	Cat.Nos	
		Configuration tool
1	0 882 40	The configuration tool is used to adjust these presets and the detection sensitivity Configuration tool to be used in association with any IOS and Android device + Legrand Close-Up App. Compatible with all stand alone/SCS/KNX lighting detectors, SARLAM Chartres Infini and Essentiel bulkheads, LVS2 addressable emergency lighting luminaires and all Legrand NFC equipped products Main functions: - product settings modification - store & recall product configuration files - easy configuration copy & paste - operational test functions - troubleshooting agent onboard
		Surface-mounting boxes
1	0 488 75	For ceiling-mounting sensors Cat.Nos 0 488 04/06/07/17 (p. 888-889) and 0 489 18/19 (p. 895)
		Fixing accessory for angled installations
1	0 489 72	For surface-mounting sensor Cat.Nos 0 489 21 (p. 895) / 0 489 33 (p. 888)

Motion and presence sensors

technical characteristics

Example of how Lighting Management sensors function in an office

Manual switch-ON action
Lighting switches OFF automatically when there is sufficient natural light, in accordance with standard EN 15 193

Arrival: low light level

▶ On entering the room the light is turned ON using the push-button by the door

Strong light level

▶ When someone is in the room, the sensor will turn the light OFF automatically if the light level threshold is reached(1)

Fading light level

▶ When someone is in the room, the sensor turns the light ON automatically

Departure: end of day

▶ On leaving the room, the light is turned OFF by pressing the push-button. If the light is not turned OFF, the sensor will operate automatically

1: Press the push-button to keep the light ON

Load table at 230 V~

Cat.Nos	Halogen bulb	ELV halogen with ferromagnetic transformer	ELV halogen with electronic transformer	Fluorescent tube	Compact fluorescent bulb	LED	Fluorescent bulb with 1-10 V ballast	Halogen or fluorescent tubes or compact fluorescent tube with 1-10 V ballast	DALI/DSI ballast	Volt-free motor contact
0 488 04	2000 W	1000 VA	1000 VA	10 x (2 x 36 W)	500 VA	500 W	-	-	-	500 VA
0 488 07	2000 W	1000 VA	1000 VA	10 x (2 x 36 W)	500 VA	500 W	-	-	-	-
0 488 06	2000 W	1000 VA	1000 VA	10 x (2 x 36 W)	500 VA	500 W	-	-	-	-
0 488 17	2000 W	1000 VA	1000 VA	10 x (2 x 36 W)	500 VA	500 W	-	-	-	-
0 784 52	2000 W	1000 VA	1000 VA	10 x (2 x 36 W)	250 W	250 W	-	-	-	-
5 740 34	40-400 W	40-400 VA	40-400 VA	-	-	-	-	-	-	-
0 489 33	2000 W	1000 VA	1000 VA	10 x (2 x 36 W)	250 W	250 W	-	-	-	500 VA
0 489 58	460 W	460 W	-	460 W	460 W	460 W	-	-	-	-
0 489 55/56/57	2300 W	2300 W	-	2300 W	2300 W	2300 W	-	-	up to 20 ballasts	-
0 489 59	2300 W	2300 W	-	2300 W	2300 W	2300 W	-	-	-	-
0 489 53	1380 W	1380 W	-	1380 W	690 W	690 W	-	-	up to 10 ballasts	-
0 489 54	1380 W	1380 W	-	1380 W	690 W	690 W	-	-	-	-
0 489 64	2300 W	2300 VA	2300 VA	10 x (2 x 36W)	2300 W	250 W	-	-	up to 20 ballasts	10 A
0 489 65	10 A	10 A	10 A	10 A	10 A	10 A	up to 10 ballasts	-	-	-
0 489 66	6 A	6 A	6 A	6 A	3 A	3 A	up to 10 ballasts	-	-	-
0 489 68	2300 W	2300 VA	2300 VA	10 x (2 x 36 W)	2300 W	250 W	-	-	up to 20 ballasts	10 A
0 489 69	2300 W	2300 VA	2300 VA	10 x (2 x 36 W)	2300 W	250 W	up to 10 ballasts	-	-	10 A
0 489 70	2 x 1150 W	2 x 1150 VA	2 x 1150 VA	2 x 10 x (2 x 36 W)	2 x 1150 W	2 x 125 W	-	-	-	2 x 5 A

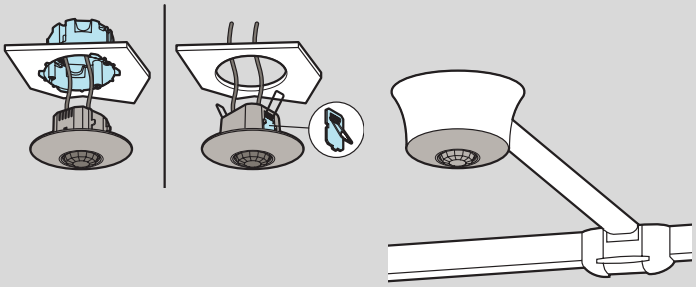
Presence sensors

technical characteristics

Configuration tool and accessories

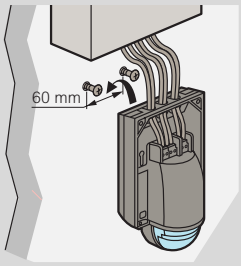
Ceiling-mounting

All sensors have built-in bracket systems that enable ceiling-mounting. Most sensors are suitable for standard EU boxes (diam 65). This is important for applications where the ceiling is unavailable for sensor installation



Wall-mounting

Wall-mounting sensors have a mounting base. For easy and quick mounting, the base has to be fixed against the wall, the wires connected to the automatic wiring block. Then the sensor part is fitted onto the base



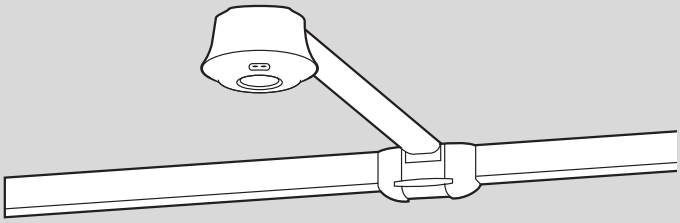
Settings

Most sensors feature Smart Factory Set technology, adjustments are typically not needed after installation
If adjustments need to be made (due to last minute changes in furniture or fixture placement), sensitivity and time delays should match the activity levels of the monitored spaces

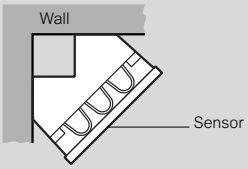
Customising settings on-site

All sensors are preset in the factory
• 500 lux light level threshold for ceiling-mounting sensors and 300 lux for surface-mounting sensors
• 15-minute time delay and walkthrough function activated
The configuration tools are used to adjust the preset settings and the detection sensitivity

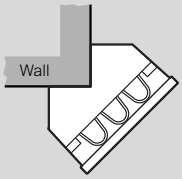
Installing surface-mounting boxes Cat.No 0 488 75



Installing fixing accessory Cat.No 0 489 72 on an angle (view from above)



Mounting on internal angle



Mounting on external angle

Lighting Management

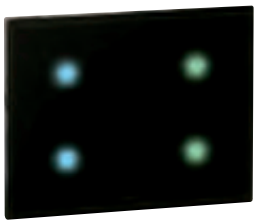
BUS/KNX manual control units

KNX certified

0 784 89

0 784 94

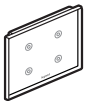
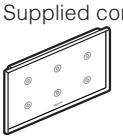
0 784 91


5 735 05

Connected directly to BUS/KNX cable (supplied with tap-off connector)
The control unit must be programmed using ETS software

Pack	Cat.Nos	Mosaic wired control units
		Used to control lighting (ON/OFF, dimming, scenario, forcing), roller shutters (up, down, stop), awnings, and other receivers Fitted with programmable RGB LEDs (12 colours available) for displaying load status and system status feedback (normal, forced, override, day/night pilot light, etc.) and alarms For use in combination with Mosaic plates and Batibox support frames
		1 button - 1 actuation point
1	0 784 89	○ White
		1 button - 2 actuation points
1	0 784 95	○ White
		2 buttons - 2 actuation points
1	0 784 94	○ White
		2 buttons - 4 actuation points
1	0 784 96	○ White
		4 buttons - 4 actuation points
		Supplied with label holder for button identification
1	0 784 91	○ White

Pack	Cat.Nos	Arteor wired control units
		Used to control lighting (ON/OFF, dimming, scenario, forcing), roller shutters (raise, lower, stop), awnings, and other receivers Fitted with programmable RGB LEDs (12 colours available) for displaying load status and system status feedback (normal, forced, override, day/night pilot light, etc.), alarms To be fitted with Arteor plates and Batibox support frames
		4 channels control unit without label display
1	0 675 71	4 actuation points To be equipped with key covers for control mechanism
		Square version
		4 actuation points - With label holder
1	5 742 03	○ White
1	5 744 04	● Magnesium
		Round version
		4 actuation points - With label holder
1	5 735 02	○ White
1	5 735 03	● Magnesium

Pack	Cat.Nos	Arteor wired control units (continued)
		4-buttons touch control units
		Supplied complete with white or black touch plates To be fitted with Batibox support frames
1	5 735 04	 ○ White - for BS flush-mounting boxes
1	5 735 05	● Black - for BS flush-mounting boxes
		6-buttons touch control units
		Supplied complete with white or black touch plates
1	5 735 12	 ○ White
1	5 735 13	● Black

Solutions also available in Living Now range, **contact us!**

Lighting Management

BUS/KNX radio extension

0 488 77

0 784 61L

Pack	Cat.Nos	Zigbee/KNX interface
1	0 488 77	Interface providing communication between batteryless radio control units Cat.No 0 784 61L (up to 16 control units) and BUS/KNX controllers 180m (outdoor or far field) around the interface so 18m approx. indoor For suspended ceiling installation

Pack	Cat.Nos	Batteryless radio control KNX
1	0 784 61L	Mosaic wireless control unit for lighting management solution allowing to control lighting (ON/OFF, dimming) and shutters (up, down, stop)

Lighting Management

BUS/KNX thermoregulation

KNX certified

0 674 64

Connected directly to BUS/KNX cable (supplied with tap-off connector)
The control unit must be programmed using ETS software

Pack	Cat.Nos	Temperature control panel
1	0 674 64	Flush-mounted 1.6" backlight display with 4 push-buttons and embedded a temperature probe Used to manage different types of heating/cooling system (FCU, heating/cooling valve, fan, electric load, ...) in combination through KNX with dedicated HVAC controller (Cat.No 0 490 41) - Monitoring the ambient temperature with desired unit - Adjustment of the temperature set-point and/or fan speed - Selection of operating mode (comfort, eco, protection, OFF) To be installed in flush-mounting boxes 2 modules Arteor

Pack	Cat.Nos	DIN FCU controller 0-10 V
1	0 490 41	Actuator with internal thermoregulation to control FCU, fan, thermal valves, electric load In combination with the temperature control panel, can be used to manage ambient temperature according to end-user requests: operating mode, temperature adjustment - 2 outputs 0-10 VDC to control thermal valves (5 mA) - 5 outputs (relays) to control fan (3 speeds) and/or thermal valves (10 A - 230 VAC) - Operating temperature -5 to 45°C - Operating voltage supplied by the KNX bus 4 DIN modules 17.5 mm

Lighting Management

BUS/KNX sensors

KNX certified

0 489 19

0 489 21

0 784 93

0 489 18

Constantly check for presence and light levels, switching OFF as soon as the natural light level is sufficient
Switch ON and OFF automatically
Accurate set-up on site with configuration device
Connected directly to BUS/KNX cable (supplied with tap-off connector)
The detector must be programmed using ETS software

Pack	Cat.Nos	Special corridor motion sensor
1	0 489 19	**Ceiling-mounted** Double passive infrared detection 360°, lateral range 2 x 12 m IP 20 Consumption 0.2 W Recommended fixing height: 2.5 m Optimum distance between two sensors: 20 m Fits directly in suspended ceiling with springs (supplied) or is installed in a 50 mm deep Batibox Cat.No 0 893 58 Surface-mounted on ceiling using accessory Cat.No 0 488 75 (p. 890)

Pack	Cat.Nos	Special motion sensor for outdoor car parks and cellars
1	0 489 21	**Wall or ceiling-mounted - surface-mounting** Passive infrared detection with 270° adjustable head, range 20 m IP 55 Consumption 0.5 W Recommended fixing height: 2.5 m Can be fixed in a corner with a special accessory Cat.No 0 489 72 (p. 890)

Pack	Cat.Nos	Special motion sensors for small premises and bathrooms
		Wall-mounted - flush or surface-mounting Recommended fixing height: 1.2 m Consumption 0.2 W Optimum distance between two sensors: 6 m
1	0 784 93	**Mosaic** White 180° passive infrared detection, range 8 m IP 41 For use with Mosaic plate and Batibox support frame 2 modules
		Arteor 180° passive infrared detection, range 8 m IP 41 For use with Arteor plate and Batibox support frame
1	5 740 37	○ White
1	5 740 79	● Magnesium

Pack	Cat.Nos	Special presence sensors for work areas
		Suitable for meeting rooms, classrooms, open areas, etc. Dual technology
1	0 489 18	**Ceiling-mounted** 360° passive infrared and ultrasound detection, range 8 m IP 20 Consumption 0.5 W Optimum distance between two sensors: 6 m Fixes directly in suspended ceiling with springs (supplied) or is installed in a 50 mm deep Batibox Surface-mounted on ceiling using accessory Cat.Nos 0 488 75 (p. 890) Connection by KNX red/black connector
1	0 489 22	360° passive infrared detection with high density lens range 8 m IP 20 Consumption 0.5 W Optimum distance between two sensors: 6 m Fixes directly in suspended ceiling with springs (supplied) or is installed in a 50 mm deep Batibox Surface-mounted on ceiling using accessory Cat.No 0 488 75 (p. 890) Connection by KNX red/black connector

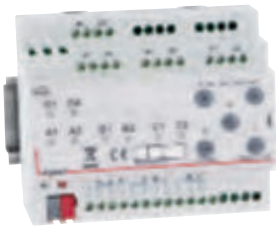
Lighting Management

BUS/KNX false ceiling and modular controllers

KNX certified

0 488 88

0 026 65


0 026 73

0 026 79

Connected with the BUS/KNX cable
Configuration using ETS programming software

Pack	Cat.Nos	False ceiling controllers for dimming
		Each output can be controlled by a sensor and/or BUS/KNX control unit
1	0 488 88	**For DALI control** 4 outputs 32 ballasts maximum per output
1	0 488 87	**For 1-10V control** 4 outputs 1000 VA maximum per output Also control 4 ON/OFF circuits

Pack	Cat.Nos	Modular controllers for dimming
		Each output can be controlled by a sensor and/or BUS/KNX control unit
1	0 026 65	**For DALI control** 1 output DALI bus (64 DALI ballasts max) to control up to 16 DALI groups and up to 64 DALI scenes 4 DIN modules
1	0 026 99	1 output DALI bus (64 DALI ballasts max) to control individually up to 64 DALI luminaires and up to 16 DALI scenes 4 DIN modules
1	0 026 68	**For 1-10V control** 10 outputs 1-10 V also controlling 10 ON/OFF circuits (16 A max) 10 DIN modules
1	0 026 54	**For LED and all others LV and ELV loads** 2 outputs 2 x 300 W/VA maximum per output 4 DIN modules
		For LV and ELV loads only
1	0 026 86	2 outputs 2 x 500 VA maximum per output 8 DIN modules
1	0 026 87	4 outputs 4 x 500 VA maximum per output 12 DIN modules

Pack	Cat.Nos	Modular ON/OFF controller
		Each output can be controlled by a sensor and/or BUS/KNX control unit
1	0 026 80	4 x 16 A outputs 4 DIN modules

Pack	Cat.Nos	Modular multi-applications ON/OFF controllers
		Each output can be controlled by a sensor and/or BUS/KNX control unit Multi-applications controllers with independent input channels and outputs configurable to control lighting loads, power sockets, roller shutters, and HVAC equipment
1	0 026 72	8 x 16 A outputs 6 DIN modules
1	0 026 73	8 x 16 A outputs - 8 inputs 6 DIN modules
1	0 026 74	12 x 16 A outputs 6 DIN modules
1	0 026 76	16 x 16 A outputs 10 DIN modules
1	0 026 78	20 x 16 A outputs 10 DIN modules
1	0 026 79	20 x 16 A outputs - 18 inputs 10 DIN modules

Pack	Cat.Nos	Room Controller Unit
		Power modules equipped with output contacts for controlling: - different types of ON/OFF load (lighting, roller shutters, contactors, motors, etc.) - a DALI dimming output for 64 ballasts max. Loads are managed by the controls to which they are linked: either by BUS/KNX controls, or by wired connection input terminals (switches, push-buttons, volt-free contacts) Multiphase connection and consumption measurement
1	0 484 18	8 inputs - 10 outputs 8 DIN modules
1	0 484 22	16 inputs - 16 outputs 12 DIN modules

Lighting Management

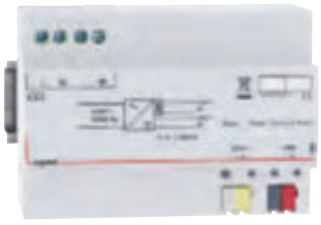
BUS/KNX infrastructure products

KNX certified

0 026 93

0 026 92

0 035 45

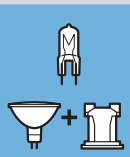
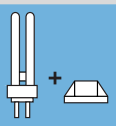

0 035 07

Connected with the BUS/KNX cable
Configuration using ETS programming software

Pack	Cat.Nos	BUS/KNX interface - voltage contact
		Connects voltage free contacts devices (switches, push-buttons, alarms, etc.) to the BUS/KNX
		Modular
1	0 026 93	4 inputs 0 to 265 AC/DC powered 2 DIN modules
		Flush-mounting
1	0 026 92	For installation in a flush-mounting box 4 inputs - 4 outputs
1	0 035 46	**Line coupler** Provides galvanic isolation between lines Necessary in an installation where there are more than 64 KNX participants 2 DIN modules
1	0 035 45	**IP/KNX router** Can acts asmain line or backbone coupler Links differerent KNX networks to each other via the IP infrastructure 2 DIN modules

Pack	Cat.Nos	Modular power supplies
		Powers one BUS/KNX line Integrated filter to prevent the short-circuit of BUS messages Voltage 230 V~ - 30 V⎓ with additional 30 V unfiltered output 7 DIN modules
1	0 035 06	320 mA
1	0 035 07	640 mA
50	0 488 79	**BUS/KNX connector** Black and red
		BUS/KNX cables Length 500 m 0.8 mm dia. quad Isolation 4000 V
1	0 492 91	1 pair: red/black
1	0 492 92	2 pairs: red/black and yellow/white

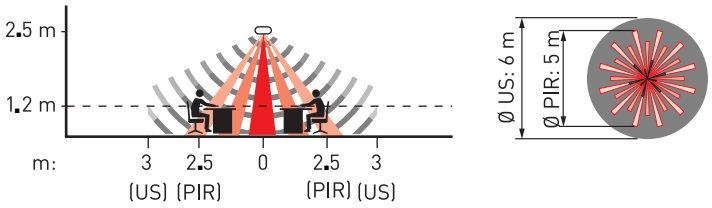
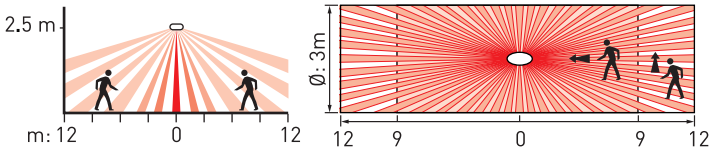
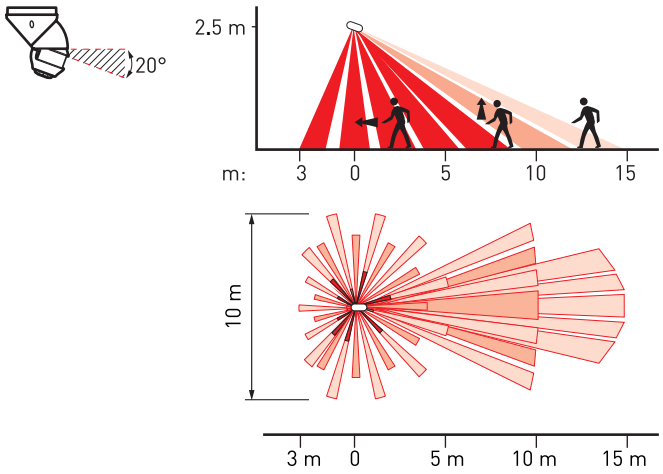
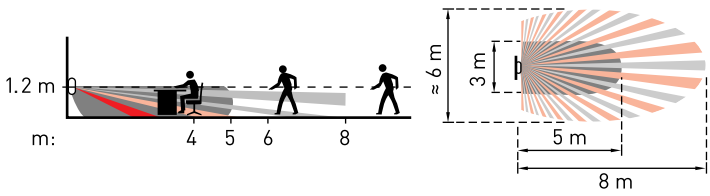
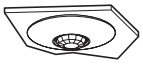
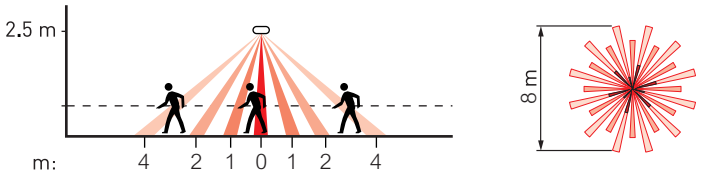
Load table at 230 V~ 50-60Hz

Cat.Nos	Outputs	Halogen lamp	 ELV halogen lamp with ferromagnetic or electronic transformer	Fluorescent tube	LED and compact fluorescent lamp	 Fluorescent lamp with 1-10 V ballast	DALI	Motors
False ceiling controllers								
0 488 88	**4**	-	-	-	-	-	4 x 32 ballasts	-
0 488 87	**4**	4 x 800 W	4 x 800 VA	4 x 1000 VA	4 x 1000 VA	4 x 1000 VA	-	-
0 026 65	**1**	-	-	-	-	-	64 ballasts (group control only)	-
0 026 99	**1**	-	-	-	-	-	64 ballasts (individual control)	-
0 026 68	**10**	-	-	-		4000 VA	-	-
0 026 54	**2**	2 x 300 W	2 x 200 VA	2 x 300 VA	2 x 75 W	-	-	-
0 026 86	**2**	2 x 500 W	2 x 500 W	-	-	-		-
0 026 87	**4**	2 x 500 W	4 x 500 W	-	-	-	-	-
0 026 80	**4**	2 x 3680 W	4 x 1000 VA	4 x [10 x (2 x 36 W)]	4 x 500 VA	-	-	4 x 500 VA
0 026 72	**8**	8 x 4000 VA	8 x 1800 VA	8 x 2400 VA	8 x 400 VA	-	-	8 x 1000 VA
0 026 73	**8**	8 x 4000 VA	8 x 1800 VA	8 x 2400 VA	8 x 400 VA	-	-	8 x 1000 VA
0 026 74	**12**	12 x 4000 VA	12 x 1800 VA	12 x 2400 VA	12 x 400 VA	-	-	12 x 1000 VA
0 026 76	**16**	16 x 4000 VA	16 x 1800 VA	16 x 2400 VA	16 x 400 VA	-	-	16 x 1000 VA
0 026 78	**20**	20 x 4000 VA	20 x 1800 VA	20 x 2400 VA	20 x 400 VA	-	-	20 x 1000 VA
0 026 79	**20**	20 x 4000 VA	20 x 1800 VA	20 x 2400 VA	20 x 400 VA	-	-	20 x 1000 VA
0 484 18	**4** **4** **2**	4 x 500 W 4 x 1000 W 2 x 3680 W	4 x 250 VA 4 x 500 VA 2 x 1000 VA	4 x [2 x (2 x 36 W)] 4 x [4 x (2 x 36 W)] 2 x [10 x (2 x 36 W)]	4 x 80 VA 4 x 160 VA 2 x 500 VA	-	1 x 64 ballasts	4 x 250 VA 4 x 500 VA 2 x 500 VA
0 484 22	**4** **8** **4**	4 x 500 W 8 x 1000 W 4 x 3680 W	4 x 250 VA 8 x 500 VA 4 x 1000 VA	4 x [2 x (2 x 36 W)] 8 x [4 x (2 x 36 W)] 4 x [10 x (2 x 36 W)]	4 x 80 VA 8 x 160 VA 4 x 500 VA	-	1 x 64 ballasts	4 x 250 VA 8 x 500 VA 4 x 500 VA

ON/OFF
Dimming
Automation

Lighting Management

BUS/KNX sensors - coverage patterns

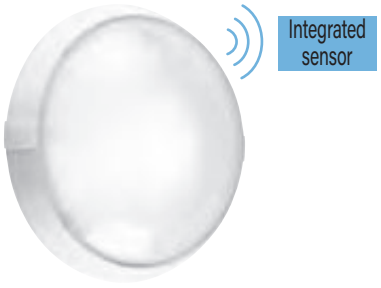
Cat.Nos	Installation technology type	Range	Detection area	Examples of applications
0 489 18		6 m (US) 5 m (PIR)		Classroom, meeting room, open plan office
0 489 19		2 x 12 m		Long corridor
0 489 21		18 m		High ceiling areas (warehouses, gymnasium) outdoor car park, basement, laboratory
0 784 93 - 5 740 37 5 740 79		8 m		Bathroom, stairways
 0 489 22		8 m		Individual office, corridor, stairways, restrooms etc.

IP 44/54/55 weatherproof bulkhead lights

SL-532106

SL-532195

SL-524270



SL-500270

Dimensions **p. 902**

Pack	Cat.Nos	IP 55 - IK 10 LED round decorative bulkhead lights - equipped
		4000 K – IRC 80 Life time: 40,000 hours Screwless connection terminals
		Chartres Essentiel bulkhead lights Ø300 mm - 1500 lm Polycarbonate base and diffuser with captive screws
1	SL-532106	ON/OFF
1	SL-532146	With microwave sensor

Pack	Cat.Nos	IP 44 - IK 07/09 LED round decorative bulkhead lights - equipped
		Ø330 mm 4000 K – IRC 80 Life time: 40,000 hours Polycarbonate base and opal diffuser with captive screws Screwless connection terminals
		Astreo IK 07 bulkhead lights
1	SL-532180	800 lm - ON/OFF
1	SL-532185	800 lm - with microwave sensor
1	SL-532182	1400 lm - ON/OFF
1	SL-532187	1400 lm - with microwave sensor
		Astreo IK 09 vandal-resistant bulkhead lights
1	SL-532190	800 lm - ON/OFF
1	SL-532195	800 lm - with microwave sensor

Pack	Cat.Nos	IP 44/54 - IK 04 bulkhead lights to be equipped
		Chartres Origine - IP 54 round decorative bulkhead light
1	SL-524270	E 27 bulkhead light for exterior use Ø340 mm Polycarbonate base Self-extinguishing: 850 °C 30 sec. Compact fluorescent lamp (max. 20 W) can be used in bulkhead lights with E 27 lampholder High resistance weatherproof seal Captive screws Automatic terminals 75 W bulkhead light Electrical connection: 1 entry via the rear with membrane gland Supplied without lamp in cardboard box
		Super 400 - IP 44 round bulkhead lights With integrated HF sensor - E 27 Ø296 mm Polypropylene base Transparent tempered glass diffuser assembled via a 1/4 turn rotation Compact fluorescent lamps can be used in bulkhead lights (max. 20 W) with E 27 lamp-holder
1	SL-500270	ON/OFF - E 27 Consumption: 70 W / 23 W max. Supplied without lamp
1	SL-500570	Allows automatic ON/OFF switching Pre-configured settings: - time delay: 5 seconds to 25 minutes - range: 1 to 8 m - light level threshold: 0 to 30 lux Consumption: 53 W / 20 W max. Supplied without lamp

IP 44/54/55 weatherproof bulkhead lights (continued)

0 604 83 + 0 605 09

0 624 02

0 624 15

0 624 25

0 624 25 + 0 624 49

Dimensions **p. 902**

For domestic, commercial areas and tough environments

Pack	Cat.Nos	IP 55 - IK 04 bulkhead lights for tough environments
		IP 55 - IK 04 bulkhead lights Metal/glass bulkhead lights For exterior/indoor use For industrial use. Earth terminal - 3 entries in T. Operating temperature: - min.: - 30 °C - max.: + 35 °C Can be equipped with metal protection grid for IK 07 protection
	E 27	
1	0 604 77	Oval - for 55 W halogen, 17 W compact fluorescent or 8 W LED lamps With colourless glass diffuser
1	0 604 83	Round - for 70 W halogen, 20 W compact fluorescent or 12 W LED lamps With colourless diffuser
		Metal protection grids for IK 07 protection
1	0 605 08	For bulkhead light Cat.No 0 604 77
1	0 605 09	For bulkhead light Cat.No 0 604 83
	E 27	**IP 54 - IK 08 Plexo rectangular bulkhead lights - class II**
5	0 624 00	Polycarbonate diffuser, mounted on hinge Opening can be reversed Top/Base Supplied with one Plexo end cap, not assembled Through wiring or terminal connection (side or rear) Lampholder mounted on reflector (swivel pull-out type) Grey base self-extinguisting: 850 °C For E27 - 55 W halogen, 17 W compact fluorescent or 8 W LED lamps With clear diffuser
5	0 624 02	With red diffuser
	E 27	**IP 44 - IK 07 round bulkhead lights**
5	0 604 51	Polypropylene base For 23 W compact fluorescent lamps Diffuser is assembled by a 1/4 turn rotation Porcelain lampholder ○ White
10	0 604 59	Glass diffuser Polycarbonate diffuser

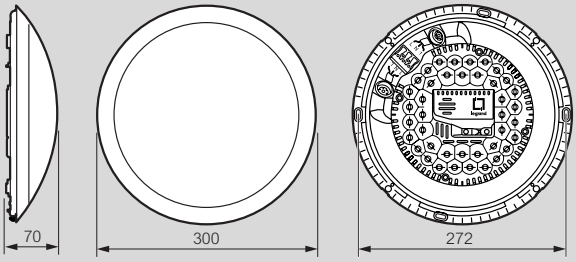
Pack	Cat.Nos	IP 55 - IK 08 round Koro bulkhead light - class II
		For risk situation, indoors and outdoors tough. environments, internal and external applications **IP 55 - IK 09 - class II** Security assured by covering trim. Locked with 2 special screws which may be locked with key Cat.No 0 919 45. Shock-resistant polycarbonate diffuser. Opening can be reversed right / left supplied with 1 Plexo membrane gland. Through-wiring or terminal connection (side or rear)
	E 27	○ White
1	0 624 15	Round for E27 - 70 W halogen or 20 W compact fluorescent lamps
		Vandal resistant accessory
1	0 919 45	Screwdriver to remove/tighten tamperproof screws
	E 27	**IP 54 - IK 08 Plexo rectangular bulkhead lights - class II**
5	0 624 25	**IP 54 - IK 08 - class II** Polycarbonate diffuser, mounted on hinge Opening can be reversed right/left Supplied with 1 Plexo end cap, not assembled. Through wiring or terminal connection (side or back). Porcelain lampholder mounted on reflector (swivel pull-out type). Self-extinguishing at 850 °C ○ White For E27 - 70 W halogen, 20 W compact fluorescent or 12 W LED lamps
		Finishing accessory
1	0 624 49	White clip-on cover plate for round bulkhead lights Polycarbonate
	Grey / White	**Oval - IP 44 / IK 06**
		Polypropylene base. Glass diffuser Galvanised steel or plastic. Protection wire grid. 3 side knockable entries, for Ø16, 20 mm cable - 230 V - 50 Hz Self-extinguisting: 850 °C For compact fluorescent lamps Porcelain lampholder. Screw terminals
		12 W - E 27
12	0 604 14 / -	Metal grid - no tool required
12	0 604 15 / -	Metal grid - screw fixing
12	0 604 05 / 0 604 92	Plastic grid - screw fixing
		20 W - E 27
10	0 604 19 / -	Metal grid - screw fixing

Weatherproof bulkhead lights

Weatherproof bulkhead lights IP 44 / IP 54

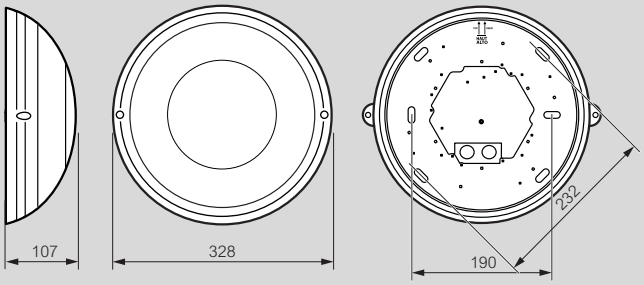
IP 55 - IK 10 LED round decorative bulkheadlights - equipped

Chartres Essentiel Cat.Nos SL-532106/146



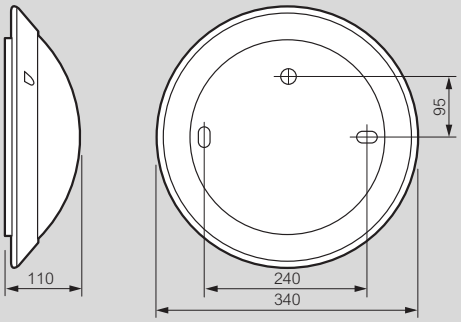
IP 44 LED round decorative bulkhead lights-equipped

Astreo IK 07 Cat.Nos SL-532180/182/185/187
Astreo IK 09 Cat.Nos SL-532190/195

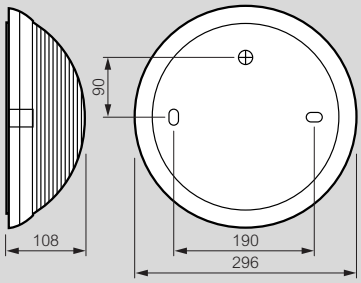


IP 44/54 - IK 04 bulkhead lights - to be equipped

Chartres Origine IP 54 Cat.No SL-524270

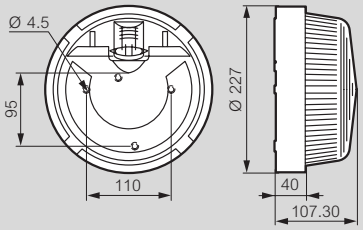


Super 400 IP 44 Cat.Nos SL-500270/570



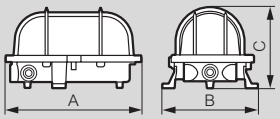
Round - IP 44 - IK 07

Cat.Nos 0 604 51/59



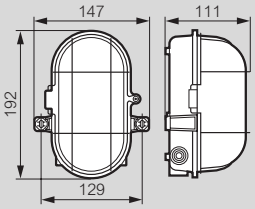
Oval - IP 44 - IK 06

Cat.Nos 0 604 05/14/15/92



Cat.Nos	A	B	C
0 604 92	178	126	108
0 604 05	178	126	108
0 604 15	169	126	106
0 604 14	175	126	105

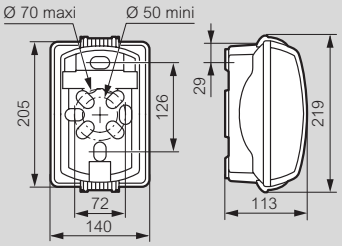
Cat.No 0 604 19



Weatherproof bulkhead lights IP 54 / IP 55

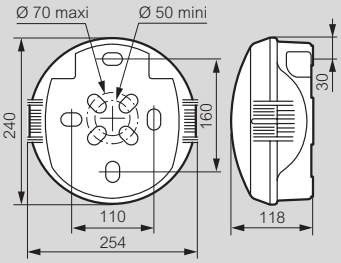
Plexo rectangular - IP 54 - IK 08

Cat.Nos 0 624 00/02



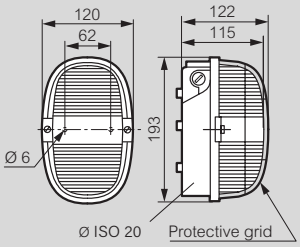
Koro round - IP 54 - IK 08

Cat.No 0 624 25

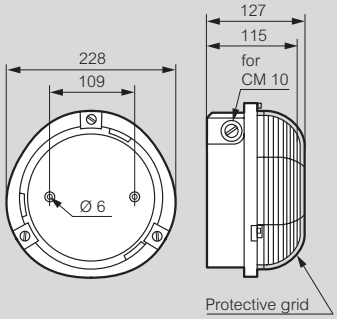


For tough environment IP 55 / IK 04

Cat.Nos 0 604 77, 0 605 08

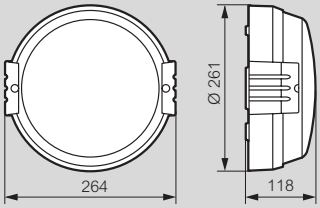


Cat.Nos 0 604 83, 0 605 09



Vandal - resistant IP 55 - IK 09

Cat.No 0 624 15



Select your emergency lighting luminaires

INDOOR SELF-CONTAINED EMERGENCY LIGHTING LUMINAIRES

	OPERATING MODE		IP	IK	DURATION	LUMEN OUTPUT RANGE	BATTERY TYPE	LIGHTING SOURCE	Cat.Nos	
	NM(1)	M(1)							Standard	Autotest / Adressable LVS2
X-LIGHT 360 (p. 905)										
	Yes	-	42	07	1 h	100 lm	Ni-Cd	LED	6 600 32	-
	Yes	Yes					Ni-Cd Ni-MH	LED	6 600 42	6 601 42
	Yes	Yes				200 lm	Ni-Cd	LED	6 600 44	-
	Yes	Yes				350 lm	Ni-MH	LED	6 600 45	6 601 45
	Yes	Yes			2 h	200 lm	Ni-MH	LED	6 600 47	6 601 47
	Yes	Yes			3 h	100 lm	Ni-Cd	LED	6 600 48	6 601 46
URASPOT Until stocks last										
	Yes	-	40	04	1 h	200 lm	Ni-Cd	LED	6 618 60(2)	-
	Yes	-					Ni-Cd	LED	6 618 61(2)	-
	Yes	-			3 h	90 lm	Ni-Cd	LED	6 618 64(2)	-
	Yes	-					Ni-Cd	LED	6 618 65(2)	-
URA ONE (p. 906)										
	Yes	-	42	07	1 h	70 lm	Ni-Cd	LED	6 616 20	-
	Yes	-				100 lm	Ni-Cd	LED	6 616 21	6 606 21
	Yes	Yes					Ni-Cd	LED	6 616 31	6 626 31
	Yes	-				160 lm	Ni-Cd	LED	6 616 22	-
	Yes	Yes					Ni-Cd	LED	6 616 32	-
	Yes	-				200 lm	Ni-Cd	LED	6 616 23	6 606 23
	Yes	Yes					Ni-Cd	LED	6 616 33	6 626 33
	Yes	-				350 lm	Ni-Cd	LED	6 616 24	6 606 24
	Yes	Yes					Ni-Cd Ni-MH	LED	6 616 34	6 626 34
	Yes	-				500 lm	Ni-Cd	LED	6 616 25	6 606 25
	Yes	Yes					Ni-Cd	LED	6 616 35	-
	Yes	Yes			3 h	100 lm	Ni-MH	LED	6 616 40	6 626 40
U34LED (p. 908)										
	Yes	Yes	42	07	1 h	250 lm	Ni-MH	LED	6 611 60	6 621 60
	Yes	Yes				450 lm	Ni-MH	LED	6 611 80	6 621 80
	Yes	Yes			3 h	200 lm	Ni-MH	LED	6 611 90	6 621 90
X-LIGHT 180 (p. 910)										
	Yes	-	42	07	1 h	70 lm	Ni-Cd	LED	6 600 51	-
	Yes	Yes					Ni-Cd	LED	6 600 71	-
	Yes	-				100 lm	Ni-Cd	LED	6 600 52 6 600 53 (with labels)	-
	Yes	Yes					Ni-Cd Ni-MH	LED	6 600 72	6 601 52
	Yes	Yes				160 lm	Ni-MH	LED	-	6 601 40
	Yes	-				200 lm	Ni-Cd Ni-MH	LED	6 600 54	6 601 54
	Yes	Yes					Ni-Cd	LED	6 600 74	-
	Yes	Yes				350 lm	Ni-Cd Ni-MH	LED	6 600 75	6 601 55
	Yes	-			2 h	200 lm	Ni-MH	LED	6 600 57	6 601 57
	Yes	Yes					Ni-MH	LED	6 600 77	-
	Yes	-			3 h	100 lm	Ni-Cd	LED	6 600 59 6 600 60 (with labels)	-
	Yes	Yes					Ni-Cd Ni-MH	LED	6 600 79 6 600 80 (with labels)	6 601 41

1: NM: Non-maintained; N: Maintained
2: Pack = 1

Red catalogue numbers: New products

Select your emergency lighting luminaires (continued)

INDOOR SELF-CONTAINED EMERGENCY LIGHTING LUMINAIRES (CONTINUED)

U21LED Until stocks last

OPERATING MODE NM(1)	OPERATING MODE M(1)	IP	IK	DURATION	LUMEN OUTPUT RANGE	BATTERY TYPE	LIGHTING SOURCE	Cat.Nos Standard	Cat.Nos Autotest / Adressable LVS2
Yes	-	42	04	1 h	70 lm	Ni-Cd	LED	6 616 01(2)	-
Yes	-				100 lm	Ni-Cd	LED	6 616 02(2)	-
Yes	Yes					Ni-Cd	LED	6 616 03(2)	6 626 03(2)
Yes	-				160 lm	Ni-Cd	LED	6 616 05(2)	-
Yes	Yes				200 lm	Ni-Cd	LED	6 616 06(2)	6 626 06(2)
Yes	-					Ni-Cd	LED	6 616 08(2)	-
Yes	Yes				350 lm	Ni-Cd / Ni-MH	LED	6 616 07(2)	6 626 07(2)
Yes	-					Ni-Cd	LED	6 616 09(2)	-
Yes	Yes			3 h	100 lm	Ni-MH	LED	6 616 10(2)	6 626 10(2)
Yes	-						LED	6 616 11(2)	-

WEATHERPROOF SELF-CONTAINED EMERGENCY LIGHTING LUMINAIRES

B65LED (p. 911)

OPERATING MODE NM(1)	OPERATING MODE M(1)	IP	IK	DURATION	LUMEN OUTPUT RANGE	BATTERY TYPE	LIGHTING SOURCE	Cat.Nos Standard	Cat.Nos Autotest / Adressable LVS2
Yes	-	65	07	1 h	100 lm	Ni-Cd	LED	6 614 26	6 604 26
Yes	Yes					Ni-Cd	LED	6 614 31	6 624 31
Yes	-				200 lm	Ni-Cd	LED	6 614 27	6 604 27
Yes	Yes					Ni-Cd	LED	6 614 33	6 624 33
Yes	-				350 lm	Ni-Cd / Ni-MH	LED	6 614 28	6 604 28
Yes	Yes					Ni-Cd / Ni-MH	LED	6 614 34	6 624 34
Yes	-				500 lm	Ni-Cd	LED	6 614 29	6 604 29
Yes	Yes			3 h	100 lm	Ni-MH	LED	6 614 40	6 624 40

LED TWINSPOT LUMINAIRES

OPERATING MODE NM(1)	OPERATING MODE M(1)	OPERATING MODE C/S(1)	IP	IK	DURATION	LUMEN OUTPUT RANGE	BATTERY TYPE	LIGHTING SOURCE	Cat.Nos Standard	Cat.Nos Autotest / Adressable LVS2
Yes	-	-	55	07	1 h	2 x 300 lm	Ni-Cd	LED	6 614 50	-
Yes	-	-				2 x 450 lm	Ni-Cd	LED	6 614 51	-
Yes	-	-				2 x 750 lm	Ni-Cd	LED	6 614 52	6 624 52
Yes	-	-				2 x 1250 lm	Ni-Cd	LED	6 614 53	-
Yes	-	-			2 h	2 x 500 lm	Ni-Cd	LED	6 614 54	-
Yes	-	-			3 h	2 x 300 lm	Ni-Cd	LED	6 614 55	-

1: NM: Non-maintained; N: Maintained; M: Maintained; C/S: Combined / Sustained
2: Pack = 1

Red catalogue numbers: New products

X-light 360

indoor self-contained emergency lighting luminaire LED

6 600 32

6 600 32 + 6 601 93 + 6 616 70

Spare batteries selection chart **p. 914**

LED non-maintained and maintained units
Certified to IEC and EN 60598-2-22 standards
Automatic terminals with high capacity: 2 x 2.5 mm²
IP 42 - IK 07
Duration: 1 to 3 hours. Ni-Cd or Ni-MH batteries
Charge monitor with a green LED. Opal diffuser
Power supply: 230 V~ ± 10% - 50/60 Hz. Class II ⧈
Ceiling flush-mounting

Pack	Cat.Nos	Standard luminaires
		Require normal lighting manual switching off in order test emergency lighting
		Non-maintained
1	6 600 32	100 lm - 1h (LEDs)
		Maintained/Non-maintained (M/NM) Can also operate in Non-maintained mode according to the wiring of normal lighting
1	6 600 42	100 lm - 1h (LEDs)
1	6 600 48	100 lm - 3h (LEDs)
1	6 600 44	200 lm - 1h (LEDs)
1	6 600 47	200 lm - 2h (LEDs)
1	6 600 45	350 lm - 1h (LEDs)
		Autotest luminaires
		Autotest luminaires incorporate an automatic self-testing system in order to check the emergency mode Tests result is visible on 2 signalling LEDs (green-OK and yellow-defective) Rest mode via non-polarised remote control Cat.Nos 0 039 00 or 0 039 01 (no wiring direction)
		Maintained/Non-maintained (M/NM) Can also operate in Non-maintained mode according to the wiring of normal lighting
1	6 601 42	100 lm - 1h (LEDs)
1	6 601 46	100 lm - 3h (LEDs)
1	6 601 47	200 lm - 2h (LEDs)
1	6 601 45	350 lm - 1h (LEDs)
		Accessory
		Vertical signalling plate
1	6 601 93	Vertical transparent plate for evacuation signalling (must be completed with adhesive evacuation label)

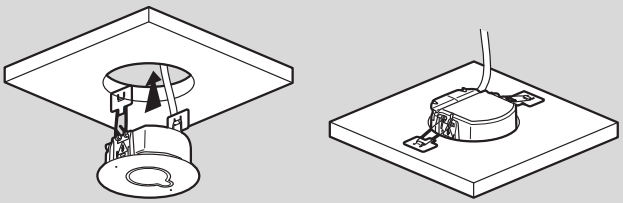
Labels
p. 914

X-light 360

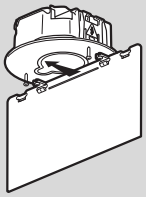
indoor self-contained emergency lighting luminaires

Installation

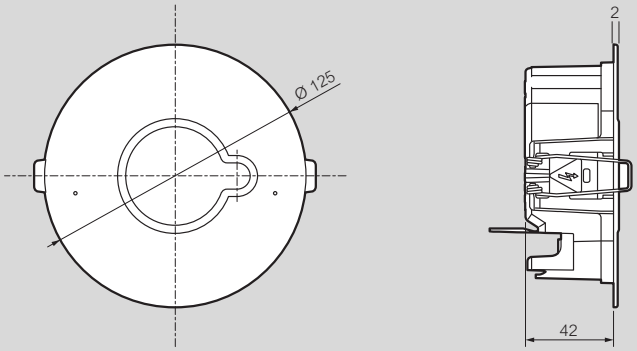
Flush-mounting



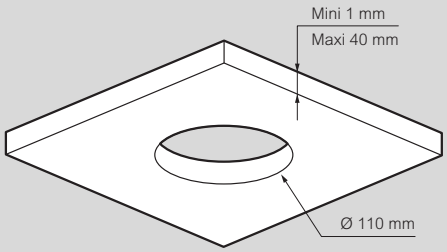
With vertical signalling plate Cat.No 6 601 93



Dimensions (mm)



Ceiling cutting



Red catalogue numbers: New products

URA ONE

indoor self-contained emergency lighting luminaire LED

6 616 21

6 616 24

6 616 34 + 6 616 55

6 616 34 + 6 616 50

6 616 34 + 6 616 65 + 6 616 70

6 616 59 + 6 616 31 + 6 616 70

6 616 62 + 6 616 33 + 6 616 70

6 616 64 + 6 616 70

Spare batteries selection chart **p. 915**
Technical characteristics **p. 907**
Adhesive labels **p. 914**

LED non-maintained and maintained units. Certified to IEC and EN 60598-2-22 standards
High power LEDs with optimized lighting distribution
Low consumption switching power supply. Fully recyclable
Plug-in back with pre-cutted holes grid to ease installation and maintenance
Automatic terminals with high capacity: 2 x 2.5 mm². IP 42 - IK 07
Duration: 1 and 3 hours. Ni-Cd or Ni-MH batteries. Recharge time: 24 hours
Charge monitor with a green LED. Opal diffuser
Power supply: 230 V~ ± 10% - 50/60 Hz. Class II ⧈
Flat flush-mounting integration into ceiling & wall with flush-mounting frame Cat.Nos 6 616 50/51
Decorative frame to enhance surface-mounting aesthetic integration Cat.Nos 6 616 54/55

Pack	Cat.Nos	Standard luminaires
		Require normal lighting manual switching OFF in order test emergency lighting
		Non-maintained
1	6 616 20	70 lm - 1h (LEDs)
1	6 616 21	100 lm - 1h (LEDs)
1	6 616 22	160 lm - 1h (LEDs)
1	6 616 23	200 lm - 1h (LEDs)
1	6 616 24	350 lm - 1h (LEDs)
1	6 616 25	500 lm - 1h (LEDs)
		Maintained/Non-maintained (M/NM)
		Can also operate in Non-maintained mode according to the wiring of normal lighting
1	6 616 31	100 lm - 1h (LEDs)
1	6 616 32	160 lm - 1h (LEDs)
1	6 616 33	200 lm - 1h (LEDs)
1	6 616 34	350 lm - 1h (LEDs)
1	6 616 35	500 lm - 1h (LEDs)
1	6 616 40	100 lm - 3h (LEDs)

Pack	Cat.Nos	Autotest luminaires
		Incorporate an automatic self-testing system in order to check the emergency mode
		Non-maintained
1	6 606 21	100 lm - 1h (LEDs)
1	6 606 23	200 lm - 1h (LEDs)
1	6 606 24	350 lm - 1h (LEDs)
1	6 606 25	500 lm - 1h (LEDs)

Pack	Cat.Nos	Autotest & addressable luminaires - Maintained/Non-maintained (M/NM)
		Autotest/addressable luminaires incorporate an automatic self-testing system in order to check the emergency mode Tests result is visible on 2 signalling LEDs (green-OK and yellow-defective) Addressable function is activated by setting an ID on each luminaire with infrared configuration tool (Cat.No 0 626 10) (p. 916) and wiring a complementary BUS line Operating state of all addressable luminaires can be centralized by the control interface (Cat.No 0 626 00) (p. 916) and monitored on a local touch screen controller (Cat.No 0 626 01) (p. 916), or with the building's plan on Legrand Vision System (LVS2) PC software (Cat.No 0 626 02) (p. 916) These Maintained luminaires can also operate in Non-maintained mode according to the wiring of normal lighting
1	6 626 31	100 lm - 1h (LEDs)
1	6 626 33	200 lm - 1h (LEDs)
1	6 626 34	350 lm - 1h (LEDs)
1	6 626 40	100 lm - 3h (LEDs)

Pack	Cat.Nos	Accessories
		Decorative frame for surface-mounting installation
1	6 616 54	White colour
1	6 616 55	Aluminium colour
		Slim flush-mounting frame for false ceiling and dry partition
1	6 616 50	White colour
1	6 616 51	Aluminium colour
		Flag-mounting accessory
1	6 616 58	White colour
1	6 616 59	Aluminium colour
		Suspension mounting accessory
1	6 616 62	White colour
1	6 616 63	Aluminium colour
		Signalling plate
1	6 616 64	Vertical transparent plate for evacuation signalling (must be completed with adhesive evacuation label)
		Flush-mounting frame
1	6 616 65	Special frame with vertical signalling plate

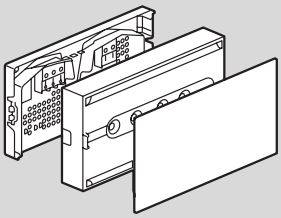
Red catalogue numbers: New products

URA ONE

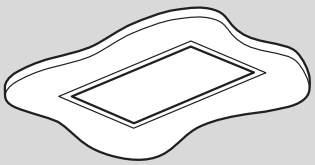
indoor self-contained emergency lighting luminaires

Installation

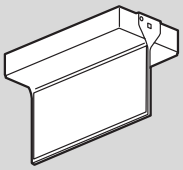
Surface-mounting



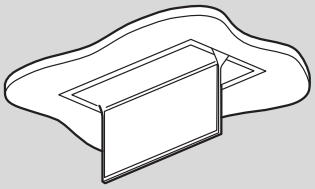
Flush-mounting with slim frame Cat.Nos 6 616 50/51



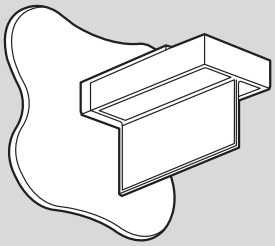
Surface-mounting with vertical signalling plate Cat.No 6 616 64



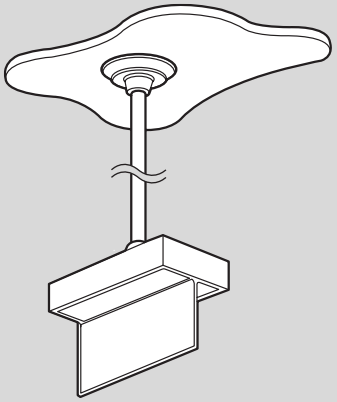
Flush-mounting with vertical signalling plate Cat.No 6 616 65



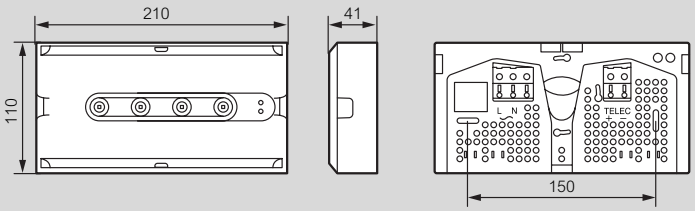
Flag-mounting with accessories Cat.Nos 6 616 58/59



Suspension mounting with accessories Cat.Nos 6 616 62/63

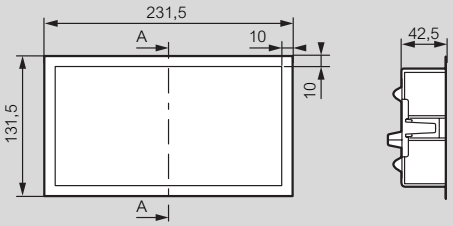


Dimensions (mm)

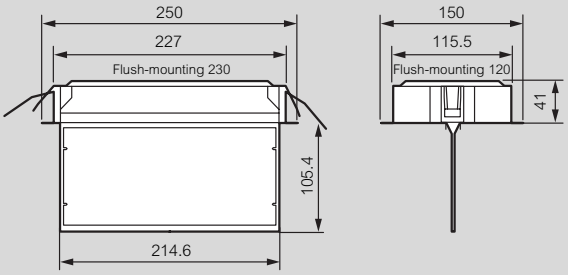


Accessories

Flush-mounting with slim frame Cat.Nos 6 616 50/51



Special flush-mounting with vertical signalling plate Cat.No 6 616 65



U34LED environment friendly

indoor self-contained emergency lighting luminaires LED

6 621 60

6 621 60 + 6 612 96

6 621 60 + 6 612 92 + 6 612 94 + 6 618 00

Spare batteries selection chart **p. 915**
Adhesive labels **p. 914**

LED Maintained/ Non-maintained units
High power LEDs with specially designed lenses optimizing the lighting distribution
IP 42 - IK 07
Class II ⧈
Power supply: 230 V ± 10% - 50/60 Hz
Very low consumption switching power supply
Fully recyclable after removing
Environment friendly Ni-MH batteries
Removable plug-in plate to ease installation and maintenance
Automatic terminals with high capacity: 2 x 2.5 mm²
Charge monitor with a green LED
Can be equipped with metallic protection grids Cat.Nos 0 626 92/93 (p. 913)

Pack	Cat.Nos	**Standard luminaires - Maintained/Non-maintained (M/NM)**
		Standard luminaires incorporate an external manual lamp test with testing tool Cat.No 6 612 99
		1 h duration with transparent diffuser
1	6 611 60	250 lm - 1h (LEDs)
1	6 611 80	450 lm - 1h (LEDs)
1	6 611 90	200 lm - 3h (LEDs)

Pack	Cat.Nos	**Autotest & addressable luminaires - Maintained/Non-maintained (M/NM)**
		Autotest/addressable luminaires incorporate an automatic self-testing system Tests result is visible on 2 signalling LEDs (green-OK and yellow-defective) Addressable function is activated by setting an ID on each luminaire with infrared configuration tool (Cat.No 0 626 10) (p. 916) and wiring a complementary BUS line Operating state of all addressable luminaires can be centralized by the control interface (Cat.No 0 626 00) (p. 916) and monitored on a local touch screen controller (Cat.No 0 626 01) (p. 916), or with the building's plan on Legrand Vision System (LVS2) PC software Cat.No 0 626 02 (p. 916)
		1 h duration with transparent diffuser
1	6 621 60	250 lm - 1h (LEDs)
1	6 621 80	450 lm - 1h (LEDs)

Pack	Cat.Nos	**Accessories**
1	6 612 95	Slim flush-mounting frame for dry partitions Must be installed without vertical signalling plate
1	6 612 92	Flush-mounting frame for dry partitions Can be installed with vertical signalling plate Cat.No 6 612 94
1	6 612 93	Flush-mounting box for masonry (to be added with flush-mounting frame)
1	6 612 94	Vertical signalling plate Must be completed with plastic signalling labels (non adhesive) Cat.Nos 6 618 00/01/02/03/40/50/51
1	6 612 99	Testing tool for U34 LED standard luminaires

Pack	Cat.Nos	**Labels for U34LED**
		Plastic signalling labels (non adhesive) to be exclusively integrated into the vertical signalling plate Cat.No 6 612 94
5	6 618 00	127 x 254 mm
5	6 618 01	127 x 254 mm
5	6 618 02	127 x 254 mm
5	6 618 03	127 x 254 mm

LVS2 adressable and monitoring system **p. 916**

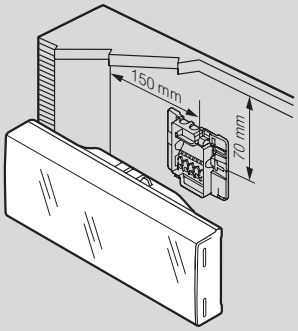
To help you locate your emergency lighting units with DIALux lighting calculation software, you can download the Legrand plug-in for DIALux on **www.docexport.legrand.com**

U34LED environment friendly

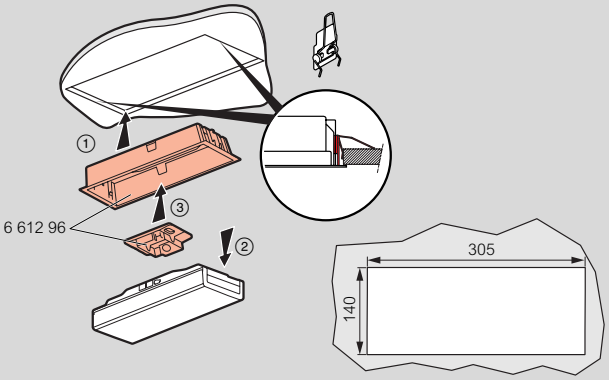
indoor self-contained emergency lighting luminaires LED

Installation

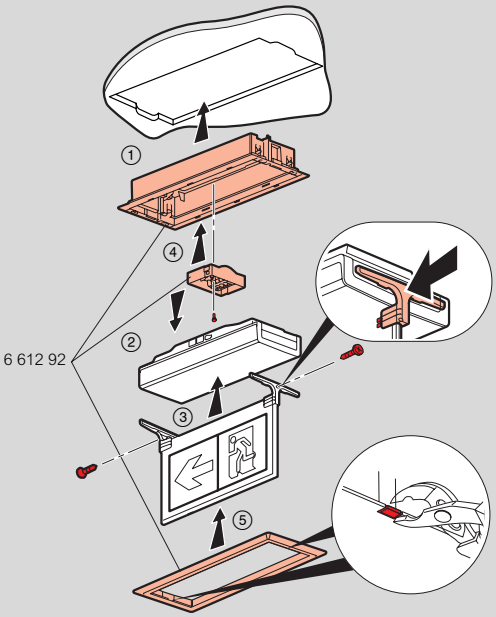
Surface-mounting



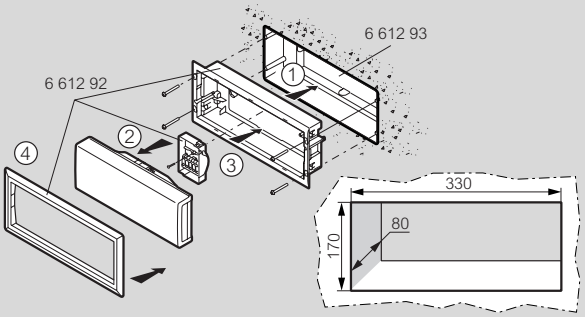
Slim flush-mounting in dry partitions



Flush-mounting with signalling plate in dry partitions

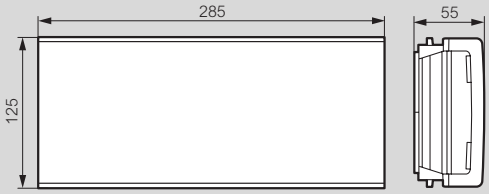


Flush-mounting in masonry

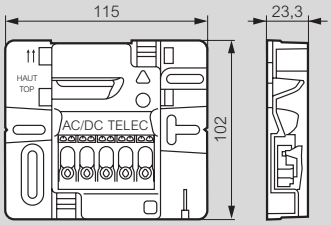


Dimensions (in mm)

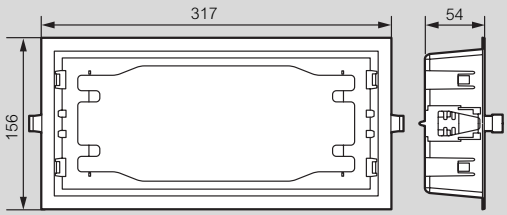
Surface-mounting



Plug-in plate

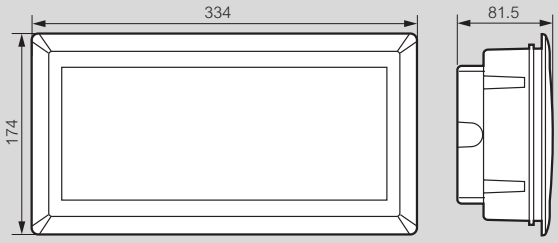


Slim flush-mounting in dry partitions (Cat.No 6 612 95)

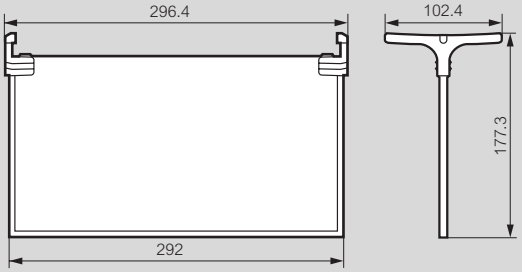


Flush-mounting in dry partitions (Cat.No 6 612 92)

Flush-mounting in masonry (Cat.Nos 6 612 92 + 6 612 93)



Signalling plate (Cat.No 6 612 94)



X-light 180

indoor self-contained emergency lighting luminaire LED

6 600 51

6 600 53

Technical characteristics **p. 910**

LED non-maintained and maintained units
Certified to IEC and EN 60598-2-22 standards
Automatic terminals with capacity: 1 x 2.5 mm²
IP 42 - IK 07
Duration: 1, 2 and 3 hours. Ni-Cd or Ni-MH batteries
Charge monitor with a green LED. Opal diffuser
Power supply: 230 V~ ± 10% - 50/60 Hz. Class II ⧈
Surface-mounting on wall or ceiling and flush-mounting integration with accessory Cat.No 6 601 95

Pack	Cat.Nos	Standard luminaires
		Require normal lighting manual switching OFF in order test emergency lighting
		Non-maintained
1	6 600 51	70 lm - 1h (LEDs)
1	6 600 52	100 lm - 1h (LEDs)
1	6 600 53	100 lm - 1h (LEDs) supplied with labels
1	6 600 59	100 lm - 3h (LEDs)
1	6 600 60	100 lm - 3h (LEDs) supplied with labels
1	6 600 54	200 lm - 1h (LEDs)
1	6 600 57	200 lm - 2h (LEDs)
		Maintained/Non-maintained (M/NM)
		Can also operate in Non-maintained mode according to the wiring of normal lighting
1	6 600 71	70 lm - 1h (LEDs)
1	6 600 72	100 lm - 1h (LEDs)
1	6 600 79	100 lm - 3h (LEDs)
1	6 600 80	100 lm - 3h (LEDs) supplied with labels
1	6 600 74	200 lm - 1h (LEDs)
1	6 600 77	200 lm - 2h (LEDs)
1	6 600 75	350 lm - 1h (LEDs)

		Autotest luminaires
		Autotest luminaires incorporate an automatic self-testing system in order to check the emergency mode Tests result is visible on 2 signalling LEDs (green-OK and yellow-defective) Rest mode via non-polarised remote control Cat.Nos 0 039 00 or 0 039 01 (p. 914) (no wiring direction)
		Non-maintained
1	6 601 54	200 lm - 1h (LEDs)
1	6 601 57	200 lm - 2h (LEDs)
		Maintained/Non-maintained (M/NM)
		Can also operate in Non-maintained mode according to the wiring of normal lighting
1	6 601 52	100 lm - 1h (LEDs)
1	6 601 41	100 lm - 3h (LEDs)
1	6 601 40	160 lm - 1h (LEDs)
1	6 601 55	350 lm - 1h (LEDs)

		Accessories
		Weatherproof backbox
1	6 601 91	IP66 IK10
		Vertical signalling plate
1	6 601 93	Vertical transparent plate for evacuation signalling (must be completed with adhesive evacuation label)
		Flush-mounting frame
1	6 601 95	For ceiling flush-mounting

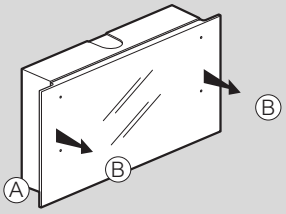
Labels
p. 914

X-light 180

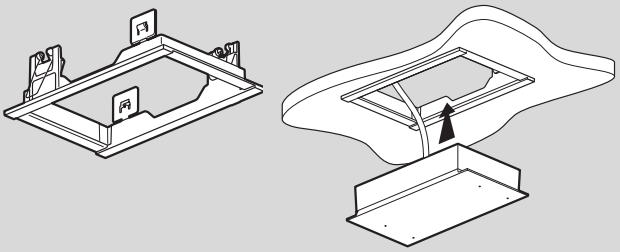
indoor self-contained emergency lighting luminaires

Installation

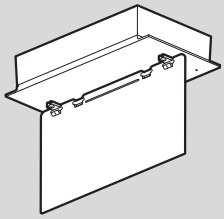
Surface-mounting



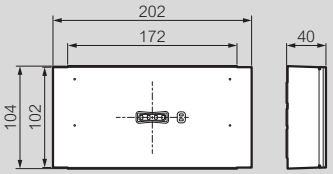
Flush-mounting with frame Cat.No 6 601 95

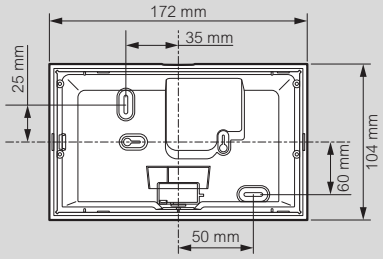


With vertical signalling plate Cat.No 6 601 93



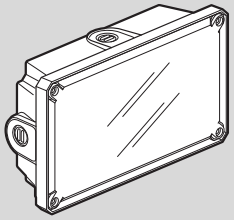
Dimensions (mm)

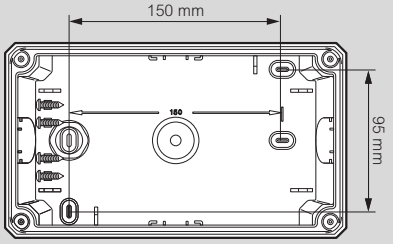




Accessories

Weatherproof backbox





Red catalogue numbers: New products

B65LED

weatherproof self-contained emergency lighting luminaire LED

6 614 33

Spare batteries selection chart **p. 915**
Labels **p. 914**

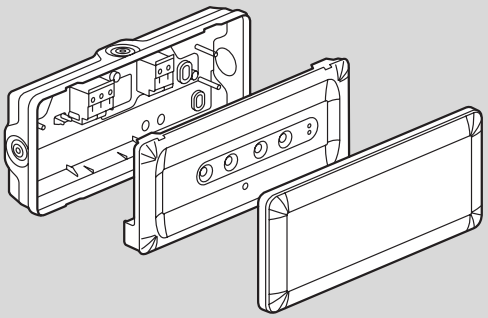
Weatherproof LED maintained and non-maintained units
Certified to IEC and EN 60598-2-22 standards
High power LEDs
IP 65 - IK 07
Plug-in base to ease fixing, cabling and connection
Duration: 1 and 3 hours
Ni-Cd or Ni-MH batteries
Recharge time: 24 hours
Charge monitor with a green LED
Power supply: 230 V ± 10% - 50/60 Hz
Class II ⧈
High-capacity screw terminals (2 x 2.5 mm²)
3 flexible cable entries for Ø16, 20 and 25 mm tubes
Can be equipped with metallic protection grids Cat.Nos 0 626 90/92 (p. 913)

Pack	Cat.Nos	
		Standard luminaires
		Standard luminaires require normal lighting manual switching OFF in order to test emergency lighting
		Non-maintained
1	6 614 26	100 lm - 1h (LEDs)
1	6 614 27	200 lm - 1h (LEDs)
1	6 614 28	350 lm - 1h (LEDs)
1	6 614 29	500 lm - 1h (LEDs)
		Maintained/Non-maintained (M/NM)
		Can also operate in Non-maintained mode according to the wiring of normal lighting
1	6 614 31	100 lm - 1h (LEDs)
1	6 614 33	200 lm - 1h (LEDs)
1	6 614 34	350 lm - 1h (LEDs)
1	6 614 40	100 lm - 3h (LEDs)
		Autotest luminaires
		Incorporate an automatic self-testing system in order to check the emergency mode
		Non-maintained
1	6 604 26	100 lm - 1h (LEDs)
1	6 604 27	200 lm - 1h (LEDs)
1	6 604 28	350 lm - 1h (LEDs)
1	6 604 29	500 lm - 1h (LEDs)
		Autotest & addressable luminaires - Maintained/Non-maintained (M/NM)
		Autotest/addressable luminaires incorporate an automatic self-testing system in order to check emergency lighting Tests result is visible on 2 signalling LEDs (green-OK and yellow-defective) Addressable function is activated by setting an ID on each luminaire with configuration tool (Cat.No 0 626 10) (p. 916) and wiring a complementary BUS line Operating state of all addressable luminaires can be centralized by the control interface (Cat.No 0 626 00) (p. 916) and monitored on a local touch screen controller (Cat.No 0 626 01) (p. 916), or with the building's plan on Legrand Vision System (LVS2) PC software Cat.No 0 626 02 (p. 916) These Maintained luminaires can also operate in Non-maintained mode according to the wiring of normal lighting
1	6 624 31	100 lm - 1h (LEDs)
1	6 624 33	200 lm - 1h (LEDs)
1	6 624 34	350 lm - 1h (LEDs)
1	6 624 40	100 lm - 3h (LEDs)

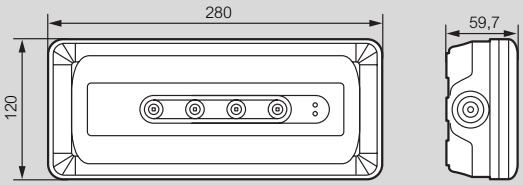
B65LED

weatherproof self-contained emergency lighting luminaire LED

Surface-mounting installation



Dimensions (in mm)



Red catalogue numbers: New products

LED Twinspot emergency lighting luminaires

6 614 51

6 614 53

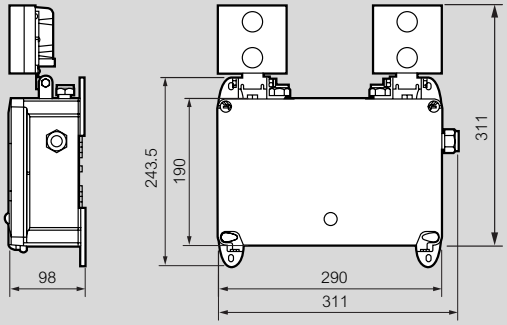
High performance LED non maintained emergency lighting luminaires
Certified to IEC and EN 60598-2-22 standards
High power LEDs spotlights with optimized lighting distribution
Low consumption electronic switching power supply
High capacity terminals: 2 x 2.5 mm²
IP 55 - IK 07
Duration: 1, 2 and 3 hours
Ni-Cd batteries
Recharge time: 24h
Green charge indicator with high luminosity LED, to improve visibility from the floor when high installation
Power supply: 230 V~ ± 10% - 50/60 Hz
Class II ⧈
Rest mode with remote control device Cat.No 0 039 01 (p. 914) to avoid battery discharge in case of voluntary power cut
Surface-mounting installation with 4 wall-mounting lugs (Cat.No 0 358 02, supplied) or 4 screws (not supplied)

Pack	Cat.Nos	**Standard LED spotlight luminaires - Non-Maintained (NM)**
		Require normal lighting manual switching OFF, in order to test emergency lighting mode
1	6 614 50	2 x 300 lm - 1h
1	6 614 51	2 x 450 lm - 1h
1	6 614 52	2 x 750 lm - 1h
1	6 614 53	2 x 1250 lm - 1h
1	6 614 54	2 x 500 lm - 2h
		Autotest & addressable LED spotlight luminaire - Non-Maintained (NM)
1	6 624 52	2 x 750 lm - 1h Incorporates an automatic self-testing system that checks periodically the emergency lighting function: - weekly test of emergency lighting mode - quarterly test of battery duration Tests result is visible via 2 signalling LEDs (green = OK and yellow = defective) on the luminaire Addressable function is activated by setting an ID on each luminaire with infrared configuration tool (Cat.No 0 626 10) (p. 916) and wiring a complementary BUS line Operating state of all addressable luminaires can be centralized by the control interface Cat.No 0 626 00 (p. 916) and monitored on a local touch screen controller (Cat.No 0 626 01), or with the building's plan on Legrand Vision System (L.V.S. 2) PC software

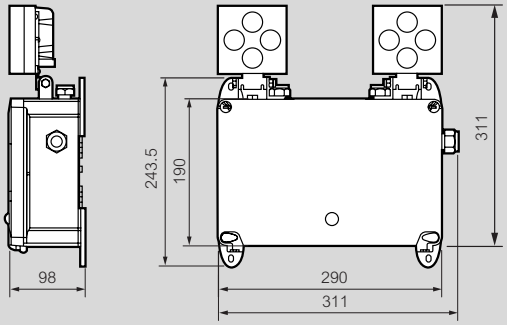
LED Twinspot emergency lighting luminaires

Dimensions

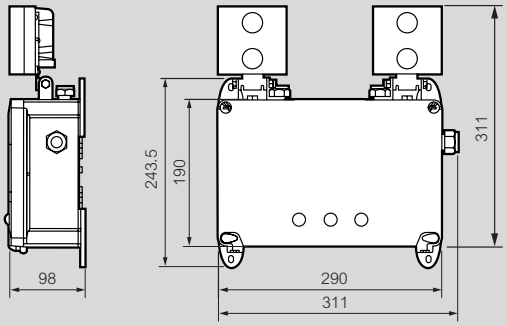
Cat.Nos 6 614 50/51/52/54



Cat.No 6 614 53



Cat.No 6 624 52



LED portable lamps

0 607 97

0 608 94

Pack	Cat.Nos	LED portable safety lamps
		Indoor LED portable lamp
1	0 607 97	Manual switching ON/OFF with 3 lighting levels: - 20 lm / 3h duration - 40 lm / 1h30 duration - 60 lm / 1h duration Lithium-ion built-in battery pack Supplied with separate 12 V DC battery charger and mains connector Power supply: 230 V +/- 10% - 50/60 Hz IP 40 - IK 07 Class III
		Weatherproof LED portable safety lamp
1	0 608 94	Specially designed for safety interventions in electrical rooms 120° rotating handle 2 operating modes: - automatic changeover to emergency lighting when mains supply interruption - manual switching of emergency lighting after mains supply interruption Manual selection of lighting mode on push-button: - full power illumination 100 lumens /1h duration - half power illumination 45 lumens / 3h duration - flashing - OFF 2 installation modes with docking station: wall-mounting or freestanding Magnetic fixing system on the back of the lamp Locating flashing LED when black-out Electronic anti-theft function Ni-Cd built-in battery pack IP 55 - IK 08 Power supply (for docking station): 230 V +/- 10% - 50/60 Hz Low power consumption: 1.3W Class III (lamp only) Plug-in terminal block for fixed power supply wiring Also delivered with AC power cord

Accessories

0 609 41

Pack	Cat.Nos	Lamps and tubes
		Lamps - E10
25	0 609 28	12 V - 0.25 A - 3 W (E 10)
10	0 609 29	6 V - 0.9 A - 5.5 W (E 10)
25	0 609 31	3.6 V - 1 A - 3.6 W (E 10)
		Tubes
5	0 609 40	6 W
5	0 609 41	8 W

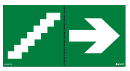
		Metallic protection grids
		Shock resistance: 20 joules Fastening holes on 4 sides
1	0 626 90	For IP 43 emergency lighting luminaires LED

		IK 20 vandal resistant grid
1	0 626 92	For IP 43 and IP 66 emergency lighting luminaires LED High shock resistance: 50 joules Particularly suitable for protecting lighting luminaires in parking lots and buildings subject to vandalism Double fixing system via: - wall-mounting base, to be mounted on metallic frame with 4 metallic wall plugs - locking of the grid on metallic frame with vandal resistant screws requiring the use of tool Cat.No 0 609 10 (not supplied)

Labels

for emergency lighting luminaires

0 612 00

Pack	Cat.Nos	Adhesive labels for X-Light 360, X-Light 180, URA ONE, U21^{LED} and B65^{LED} ranges	
5	6 616 70		100 x 200 mm
5	6 616 71		100 x 200 mm
5	6 616 72		100 x 200 mm
5	6 616 80		100 x 200 mm
5	6 616 82		100 x 200 mm
5	6 616 83		100 x 200 mm
5	6 616 84		100 x 200 mm
5	6 616 85		100 x 200 mm
5	6 616 88		100 x 200 mm
5	6 616 89		100 x 200 mm
5	6 616 90		100 x 200 mm
5	6 616 91		100 x 200 mm

Pack	Cat.Nos	Adhesive labels for U34^{LED} range	
5	0 612 00		327 x 109 mm
5	0 612 01		327 x 109 mm
5	0 612 02		327 x 109 mm

Emergency lighting remote controls

for autotest luminaires

0 039 00

0 039 01

Pack	Cat.Nos	Non-polarised multi-function remote control
1	0 039 00	Used to control setting to rest mode of the whole emergency lighting installation from a single point if mains power is absent For sleeping accommodation: - automatically sets the self-contained emergency lighting unit evacuation function to rest mode if there is a break in the main power supply - switches ON the self-contained emergency lighting unit evacuation function if there is a general alarm Local signalling of fire alarm activation by a red LED Used to: - with a single remote action, switch OFF the normal lighting and set the self-contained emergency lighting units to rest mode with a key-operated switch - automatically set the units to rest mode if the lighting is switched OFF by the automation device - set to rest mode part of an installation containing several operating zones Possible to test that the units switch ON without switching OFF the normal lighting Capacity 600 units, above this a remote control Cat.No 039 00 must be added in cascade Standby power when mains power absent: 2 months SELV remote control output voltage Takes 4 modules 230 V~ - 50 Hz power supply Fixing on ⊔ rail

Pack	Cat.Nos	Non-polarised standard remote control
1	0 039 01	Used to control setting to rest mode of an emergency lighting installation from a single point if mains power is absent Possible to test that the units switch ON without needing to switch OFF the normal lighting Staggered test times Capacity 600 units Takes 4 modules 230 V~ - 50 Hz power supply Fixing on ⊔ rail

Self-contained emergency lighting luminaires

spare batteries

CURRENT EMERGENCY LIGHTING LUMINAIRES	
Emergency lighting luminaire Cat.No	Spare part battery Cat.No
X-LIGHT 360	
6 600 32	6 601 80
6 600 42	6 601 80
6 600 44	6 601 81
6 600 45	6 601 84
6 600 47	6 601 84
6 600 48	6 601 81
6 601 42	6 601 82
6 601 44	6 601 83
6 601 45	6 601 84
6 601 46	6 601 83
6 601 47	6 601 84
URA ONE	
6 606 21	0 610 87
6 606 23	0 610 92
6 606 24	6 609 72
6 606 25	6 609 71
6 616 20	0 610 87
6 616 21	0 610 92
6 616 22	6 609 72
6 616 23	6 609 72
6 616 24	6 609 62
6 616 25	6 609 71
6 616 31	0 610 92
6 616 32	6 609 72
6 616 33	6 609 72
6 616 34	6 609 62
6 616 35	6 609 71
6 616 40	6 609 71
6 626 31	6 609 72
6 626 33	6 609 62
6 626 34	6 609 71
6 626 40	6 609 71

CURRENT EMERGENCY LIGHTING LUMINAIRES	
Emergency lighting luminaire Cat.No	Spare part battery Cat.No
U34^{LED}	
6 611 60	6 609 61
6 611 80	0 610 96
6 611 90	0 610 96
6 621 60	6 609 61
6 621 80	0 610 96
6 621 90	0 610 96
X-LIGHT 180	
6 600 51	6 601 80
6 600 52	6 601 80
6 600 53	6 601 80
6 600 54	6 601 81
6 600 57	6 601 84
6 600 59	6 601 81
6 600 60	6 601 81
6 600 71	6 601 80
6 600 72	6 601 80
6 600 74	6 601 81
6 600 75	6 601 84
6 600 77	6 601 84
6 600 79	6 601 81
6 600 80	6 601 81
6 601 40	6 601 83
6 601 41	6 601 83
6 601 52	6 601 82
6 601 54	6 601 83
6 601 55	6 601 84
6 601 57	6 601 84

CURRENT EMERGENCY LIGHTING LUMINAIRES	
Emergency lighting luminaire Cat.No	Spare part battery Cat.No
B65^{LED}	
6 604 26	0 610 87
6 604 27	6 609 72
6 604 28	6 609 72
6 604 29	6 609 71
6 614 26	0 610 87
6 614 27	6 609 72
6 614 28	6 609 62
6 614 29	6 609 71
6 614 31	0 610 92
6 614 33	6 609 72
6 614 34	6 609 62
6 614 40	6 609 71
6 624 31	6 609 72
6 624 33	6 609 62
6 624 34	6 609 71
6 624 40	6 609 71

BS-COMPLIANT	
Emergency lighting luminaire Cat.No	Spare part battery Cat.No
LED TWINSPOT LUMINAIRES	
6 614 50	6 609 73
6 614 51	6 609 73
6 614 52	6 609 73
6 614 53	6 609 74
6 614 54	6 609 73
6 624 52	6 609 73

Red catalogue numbers: New products

LVS2 (Legrand Vision System)

addressable & monitoring system

0 626 00

0 626 10

0 626 01 + 0 791 74

0 626 03

Pack	Cat.Nos	Control interface for autotest/addressable luminaires
1	0 626 00	Centralises the operating state of addressable emergency lighting luminaires Communication between the addressable luminaires and the control interface is carried out via a BUS line Capacity: Direct connection of 250 addressable luminaires to the control interface (star configuration or series connection) The longest line is limited to 700 m Extension via repeater Cat.No 0 626 03 for more than 250 addressable luminaires or a line longer than 700 m Maximum capacity of the central control panel: 1023 addressable luminaires Configuration software included (control interface settings and ID configuration for addressable luminaires) To be completed with at least one of the following terminals: - PC with monitoring software Cat.No 0 626 02 - Touch screen controller Cat.No 0 626 01 - PC with internet navigator (limited functions) Connections: - RJ 45 socket for IP network - terminals for RS 232 and RS 485 - Mini USB for PC local settings Power supply: - 230 V∿ - 50/60 Hz - Ni-Cd battery: 8.4 V - 0.15 Ah

Pack	Cat.Nos	Mobile infrared configuration tool
1	0 626 10	For assigning an ID to each addressable luminaire in order to control operating state with control interface Cat.No 0 626 00

Pack	Cat.Nos	3.5" touch screen controller
1	0 626 01	For controlling the operating state of a global addressable luminaires installation To be used complementary to the control interface Cat.No 0 626 00 Connected to the control interface through IP infrastructure Display of: - defect type - defect units location - alarms and operating mode settings Power supply voltage: 27 V 600 mA with a separate power supply Cat.No 0 634 42 To be equipped with white plate Cat.No 0 784 70 or aluminium plate Cat.No 0 791 74 (support) To be mounted in flush-mounting box Cat.No 0 801 24 (p. 812)

		Monitoring PC software
1	0 626 02	For supervising an installation equipped with addressable self-contained emergency lighting luminaires and control interface(s) Cat.No 0 626 00, whatever the installation size Simultaneous monitoring of one or several whole establishments, made of several buildings, according to the construction configuration (tree structure by buildings, levels, floors or zones) Emergency lighting location displayed on background plans of each zone of the building Background plans imported in DWG (AutoCAD) or DXF vector format, or image format (JPEG, GIF, ...) Overview screen of the luminaires installation operating state Functions for maintenance assistance: - print-out of the spare parts list - print-out of a maintenance document locating each defect luminaire and detailing the repair operations Automatic periodic sending of the installation state report Export of background plans with emergency lighting location in PDF or DXF format Multi-user software

		Repeater
1	0 626 03	For extending the installation beyond 250 units or for a line > 700 m (on control interface or repeater) up to 250 additional luminaires and on the longest line < 700 m Class II Power supply: 230 V∿ - 50/60 Hz Ni-Cd battery: 8.4 V - 0.15 Ah Dim.: 6 x 17.5 mm modules

		Additional power supply
1	0 634 42	Power supply 220-240 V - 50/60 Hz Output 1-2 27 V⎓ - 600 mA Dim.: 2 x 17.5 mm modules New Cat.No 3 460 20

Configuration tool for LVS2 adressable emergency lighting luminaires, **p. 890**

LVS2 (Legrand Vision System)

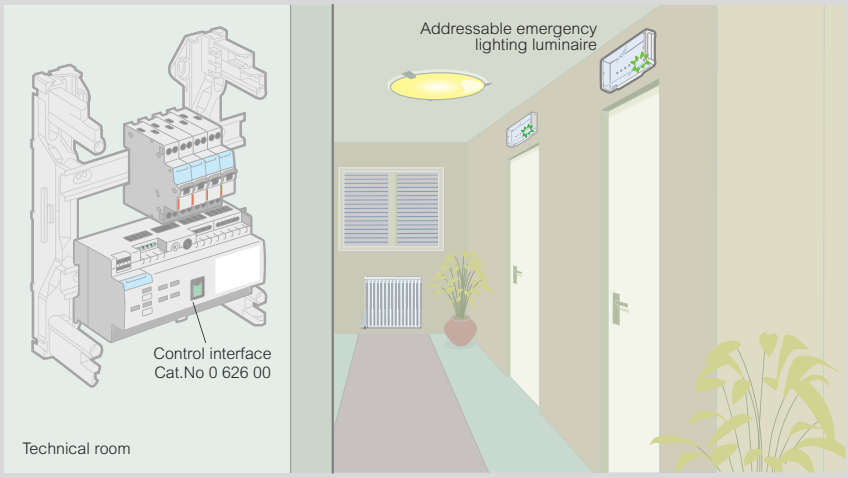
addressable & monitoring system

Addressable and monitoring system

Installation and configuration

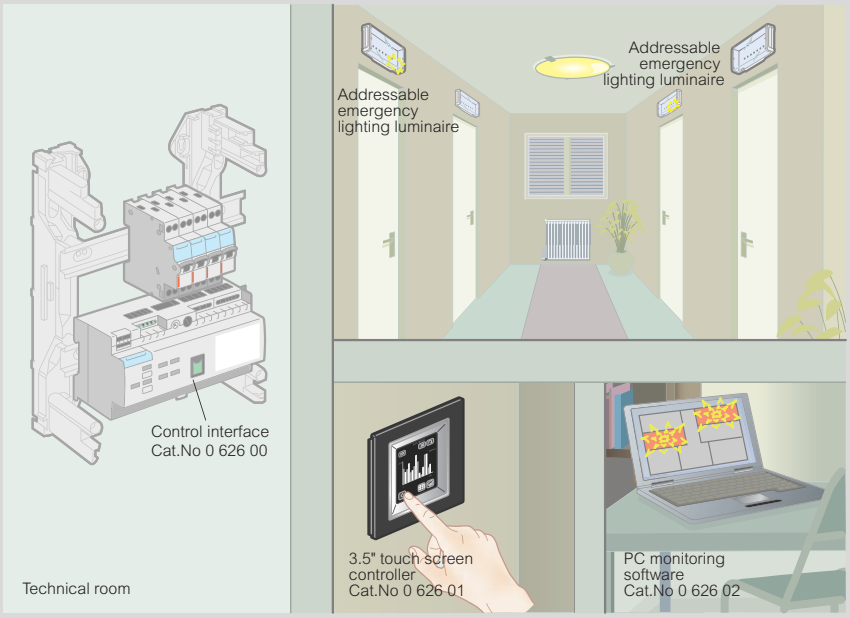
Setting of an ID on each luminaire with infrared configuration tool

Installation checking



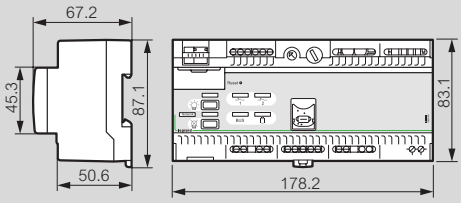
Monitoring

Centralization operating state

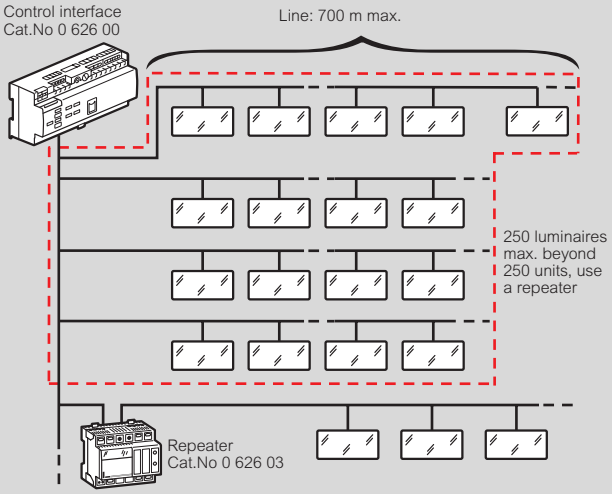


Control interface dimensions (in mm)

Cat.No 0 626 00

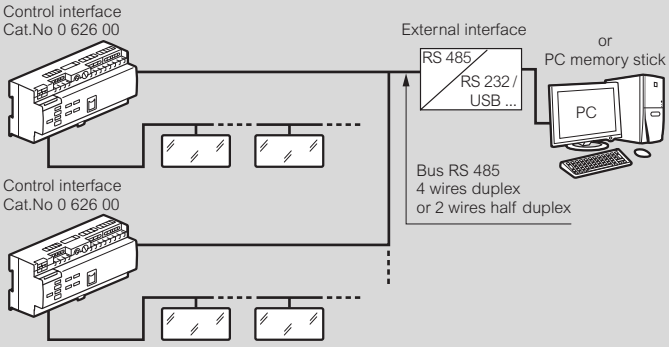


Wiring

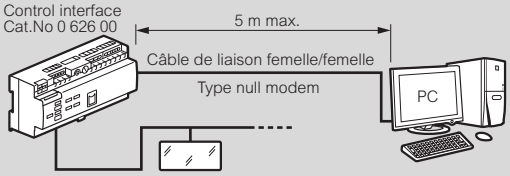


Control interface capacity: 1023 luminaires

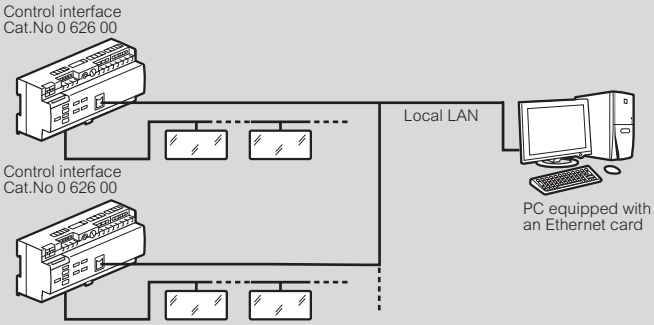
PC connection to control interface(s) through RS 485 serial BUS



PC connection to control interface through RS 232 serial line



PC connection to control interface through Ethernet network



Safety boxes 90 series

for fire detection & fire alarm system, emergency exit, extinguishing system, remote switching

1 380 69

1 380 23

1 380 73

1 380 74

1 380 25

Pack	Cat.Nos	Manual call points (MCP)
		IP 30 - IK 07 Surface-mounting or flush-mounting (IP 30) Dimensions: 90x90x57 mm (surface-mounting with its base) or 90x90x24 mm (flush-mounting with flush boxes for wiring devices - drilling diameter 67 mm - for 60 mm fixing centres) Can be fitted on trunking Cat.Nos 0 104 63/64 (p. 1072), 35x105 mm or 50x105 mm, with the universal support Cat.No 0 109 13 (p. 1077) Call by pressing the membrane (pressure 2.5 kg) with clear display of the call position Reset on front of device, with special key Cat.No 0 380 38 (supplied with the product) Possibility to add an optional mechanical status indicator Cat.No 1 380 93 to provide additional signalling Can receive a sealable cover Cat.No 0 380 97
		MCP for fire detection and fire alarm systems Conform to EN 54-11 standard CE-CPR approved Type A – simple action Color of the mechanical enclosure: red RAL 3000
1	1 380 69	MCP - conventional - 1 contact Equipped with 1 NO/NC contact - 5 A - 24V⎓
1	1 380 68	MCP - conventional - 2 contacts Equipped with 2 NO/NC contacts - 5 A - 24 V⎓ Second contact can be used to trigger CCTV camera (visually and recording - allows remote viewing and recording of any malicious act)
		Devices for emergency exit (DCMIS) Allow the immediate release of an exit door normally closed by an electromagnetic lock Color of the mechanical enclosure: green RAL 6016
1	1 380 23	DCMIS - 1 contact Equipped with 1 NO/NC contact - 5 A - 24 V⎓
1	1 380 48	DCMIS - 2 contacts Equipped with 2 NO/NC contacts - 5 A - 24 V⎓ Second contact can be used to trigger: a technical alarm a CCTV camera (visually and recording - allows remote viewing and recording of any malicious act)
		Emergency shutdown control devices Color of the mechanical enclosure: white RAL 9003
1	1 380 71	Emergency shutdown control device - 1 contact Equipped with 1 NO/NC contact - 5 A - 24 V⎓
1	1 380 73	Emergency shutdown control device - 2 contacts Equipped with 2 NO/NC contacts - 5 A - 24 V⎓ Second contact can be used to trigger a technical alarm
1	1 380 74	Emergency shutdown control device - 2 contacts with indicator light Equipped with 2 NO/NC contacts - 5 A - 24 V⎓ Equipped with 2 indicator lights (1 red LED + 1 green LED) 230 V free signalling wiring Can be used to trigger a technical alarm 2 LEDs in front indicating the change of status of the controlled equipment

Pack	Cat.Nos	Manual call points (MCP) (continued)
		Extinguishing system device Color of the mechanical enclosure: yellow RAL 1032
1	1 380 25	Device for extinguishing system - 1 contact Equipped with 1 NO/NC contact - 5 A - 24 V⎓ Equipped with a sealable cover (Cat.No 0 380 97)
		Accessories
1	1 380 95	Sealing kit Used to give IP 65 protection to Cat.Nos 1 380 23/25/71 Contains 3 pierceable membrane glands, 1 membrane, 1 seal, 1 frame, 2 sealing caps for fixing screws and 2 screws
1	1 380 93	Mechanical status indicator Provides additional signalling Supplied with a sheet of labels customized for each application Compatible with devices Cat.Nos 1 380 69/68/23/25/48/71/73/74
1	0 380 97	Sealable cover for manual call points To prevent accidental button presses Compatible with devices Cat.Nos 1 380 69/68/23/48/71/73/74
1	0 380 38	Set of 10 special keys to reset ant to test devices Cat.Nos 1 380 69/68/23/25/48/71/73/74

Stand-alone smoke alarm sensor
p. 920

Safety boxes 125 series

for emergency applications

0 380 09

0 380 11

0 380 24

Pack	Cat.Nos	Break glass emergency boxes
		Polycarbonate, Class II - IK 07 Equipped with: - hinged glass door with locking option by key - 3 cable entries for CG ISO 16/20 (by top or bottom as reversible product) - 2 entries from back of product Ø20 - 2 side entries for mini-trunking 20 x 12.5 and 32 x 12.5 - 1 NC contact and 1 NO contact Breaking capacity: - 400 V~ / 4.5 A - 230 V~ / 6 A - 48 V⎓ / 1 A - 24 V⎓ / 1.5 A Flush-mounting option with boxes Ø85 Dim.: 125 x 125 x 71 mm (surface-mounting) IP 44 - 125 x 125 x 33 mm (flush-mounting) IP 30 Red boxes can be used for fire applications and manipulated by fire fighters Yellow boxes can be used for emergency applications and manipulated by employees
		Mushroom head button boxes Direct actuation by smashing glass plate Equipment: - 1 mushroom head button with latching, unlocking by key No 850 - 2 long life 230 V~ LED indicators (green/red)
1	0 380 09	Red box with LED
1	0 380 00	Yellow box with LED
1	0 380 02	Yellow box without LED
1	0 380 03	Red box without LED
		2-position boxes Equipment: - 1 mushroom head button for pressing - 1 finishing accessory for simple action release (glass break) or double action (glass break followed by pressing on mushroom head) - 2 long life 230 V~ LED indicators (green/red)
1	0 380 11	Red box without LED
1	0 380 01	Yellow box without LED
1	0 380 24	Red box with LED

Automatic sensors

6 430 72

6 430 71

Pack	Cat.Nos	Automatic sensors for fire detection
1	6 430 72	**Optical smoke sensor** Conform to EN 54-7 standard and CE CPR approved For quick detection of fire starting before flames appear Average detection area: 60 m² Supplied with its standard base
1	6 430 71	**Heat sensor** Conform to EN 54-5 standard and CE CPR approved Detects temperature rise with threshold of 60 °C Average detection area: 30 m² Supplied with its standard base

Sounders, sounder beacons, electromagnetic door holder and safety electrical power supplies

0 415 07

0 405 90

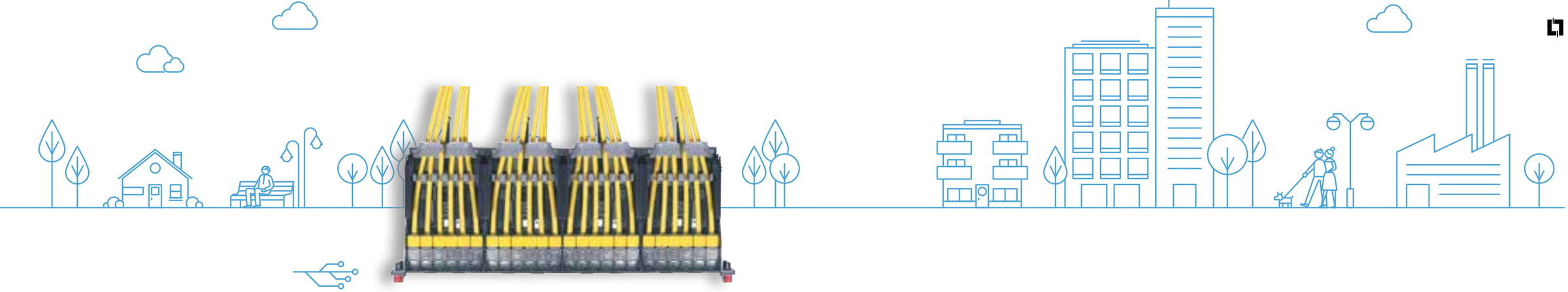
0 405 86

0 405 94

0 406 87

Pack	Cat.Nos	Sounders
		Conform to EN 54-3 standard and CE CPR approved
1	0 415 07	IP 41 - IK 04 Mosaic device - 2 modules Sound level: 70 dB at 2 meters - NF S 32-001 sound Voltage range: 10 - 42 V Average consumption: 12 V⎓ 5 mA; 24 V⎓ 9 mA
1	0 405 80	IP 42 - IK 07 Surface-mounting Sound level: 90 dB at 2 meters - NF S 32-001 sound Voltage range: 10 - 58 V Average consumption: 12 V⎓ 5 mA; 24 V⎓ 9 mA; 48 V⎓ 13 mA
1	0 405 90	IP 65 - IK 07 Surface-mounting Sound level: 90 dB at 2 meters - NF S 32-001 sound Voltage range: 10 - 42 V Average consumption: 12 V⎓ 5 mA; 24 V⎓ 9 mA 2 cable glands supplied
1	0 405 86	IP 21 - IK 07 Flush-mounting in false ceiling Sound level: 90 dB at 2 meters - NF S 32-001 sound Voltage range: 10 - 58 V Average consumption: 12 V⎓ 5 mA; 24 V⎓ 9 mA; 48 V⎓ 13 mA
1	0 405 94	IP 54 - IK 07 Surface-mounting Sound level: 105 dB at 2 meters - Possibility to choose the sound, by dip switch: NF S 32-001 or BS 58391 (alert or alarm) or ISO 8201 or DIN 33404-3 or SS031711 or NEN2575 Voltage range: 14 - 58 V Average consumption: 24 V⎓ 140 mA; 48 V⎓ 80 mA
		Sounder beacons
		Conform to EN 54-3 standard and CE CPR approved Sound level: 90 dB at 2 meters - NF S 32-001 sound Red flash Voltage range: 10 - 58 V Average consumption: 12 V⎓ 23 mA; 24 V⎓ 22 mA; 48 V⎓ 23 mA
1	0 405 91	IP 65 - IK 07 Surface-mounting 2 cable glands supplied
1	0 405 87	IP 21 - IK 07 Flush-mounting in false ceiling

Pack	Cat.Nos	Electromagnetic door holder
1	0 406 87	Automatically closes fire doors by current breaking White metal connection box with electromagnetic element and local push button Wall surface-mounting Metal washer hinged for door fixing Operating voltage: 24/48 V⎓ Average consumption: 24 V⎓ 23 mA; 48 V⎓ 45 mA Power: 0.6 W / 24 V; 2.2 W / 48 V Strength: 200 N (or 20 Kg minimum) Conform to EN 11-55 standard IK 07
		Safety electrical power supplies
1	0 405 09	Conform to EN 54-4, EN 12101-10 CE CPR approved For DC power supply of fire safety installations such as fire doors, smoke removal devices, … Power supply 3 A - 24 V 2 batteries 12 V 7 Ah (Pb) Cat.No 0 407 49 (not supplied)
1	0 407 49	Battery 12 V 7 Ah (Pb) - V0 (UL 94)
		Visual alarm devices
		Conform to EN 54-23 standard and CE CPR approved
1	0 405 96	Mosaic device - 2 modules Delivered with support frame and dedicated plate IP 40 - IK 04 Red flashing light 2 cd synchronizable with a frequency of 1 Hz Voltage range: 10 - 58 V Average consumption: 12 V⎓ 14 mA; 24 V⎓ 16 mA; 48 V⎓ 18 mA
1	0 405 98	Surface-mounting IP 45 - IK 07 Red flashing light 2/10 cd synchronizable with a frequency of 1 Hz Voltage range: 9 - 58 V Average consumption (2 cd): 12 V⎓ 14 mA; 24 V⎓ 16 mA; 48 V⎓ 18 mA Average consumption (10 cd): 12 V⎓ 38 mA; 24 V⎓ 40 mA; 48 V⎓ 42 mA



UPS, STRUCTURED CABLING, CABLE MANAGEMENT & WORKSTATION SOLUTIONS

NEW PRODUCTS

p. 927 to 930
Keor SPE UPSs (tower and rack versions)

P. 1030
LCS³
Meet-Me Room solutions

P. 1098
Incara™
integrated solutions for office furniture

UPS SYSTEMS (UNINTERRUPTIBLE POWER SUPPLIES)

P. 924
Keor multiplug line interactive UPS

P. 925 N
Keor PDU 19" single phase VFD UPS

P. 926
Keor SP single phase VI UPS

P. 927 N
Keor SPE line interactive UPS (tower version)

P. 929 N
Keor SPE RT line interactive UPS (rack version)

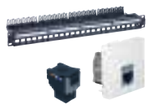
P. 931
Keor LP on-line double conversion UPS

P. 932
Keor S on-line double conversion UPS

P. 934
Daker DK Plus on-line double conversion single & three-phase UPS

P. 938 N
Keor Compact on-line double conversion three-phase UPS

LINKEO C STRUCTURED CABLING



P. 941
Patch panels, Keystone connectors, RJ45 sockets

P. 942 N
Cables and patch cords

P. 943
Linkeo 19" freestanding/ wall-mounting/ vertical cabinets

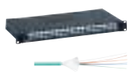
P. 946
19" Bati-rack

P. 953
Altis 19" freestanding cabinets IP 55 – IK 10

LCS³ STRUCTURED CABLING

P. 976
LCS³ copper system (cat.8/6$_A$/6/5e)

P. 994 N
LCS³ Series HDJ patch panels and connectors

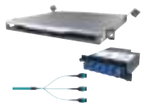


P. 997
LCS³ fiber optic system

P. 1006
Audio/video system

P. 1010
LCS³ Enclosures and Power Distribution Units (PDUs)

DATA CENTER SOLUTIONS



P. 1028 N
Infinium™ HD enclosures, cassettes and patch cords

P. 1030 N
LCS³ Meet-Me Room solutions

P. 1031 N
Linkeo Data Center 19" server cabinets

P. 1034 N
Linkeo Data Center airflow solutions

P. 1039
Linkeo Data Center 19" Power Distribution Units

DLP CABLE MANAGEMENT

P. 1042
DLPlus mini-trunking

P. 1050
DLP-S distribution mini-trunking

P. 1056
Flexible cover snap-on DLP trunking, black edition

P. 1058
Flexible cover snap-on DLP trunking

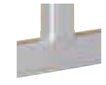
P. 1062
Flexible cover snap-on DLP trunking, grey

P. 1064
Antimicrobial flexible cover snap-on DLP trunking

P. 1068
Flexible cover universal DLP trunking

P. 1080
Rigid cover DLP-S snap-on trunking

P. 1089
Snap-on DLP aluminium trunking system



P. 1092
Aluminium universal DLP trunking system

WORKSTATION SYSTEMS

P. 1098 N
Incara™ German standard equipment for office furniture

P. 1116 N
Incara™ British standard equipment for office furniture

P. 1127
Snap-on mini-columns and columns

P. 1131
Universal mini-columns and columns

P. 1133
Over floor trunking

P. 1140
Standard version floor boxes for raised or concrete floor

P. 1145
Flush version floor boxes for raised or concrete floor

P. 1148
Round version floor boxes

P. 1161
IP 44 floor boxes for tiles/marble

P. 1168
Pop-up type flush-mounting boxes for concrete or raised access floors

Keor multiplug

Line interactive UPS 600 and 800 VA

3 100 81

Pack	Cat.Nos	UPS
		Automatic start-up: when there is no mains supply or it is of poor quality, the UPS continues working using a battery and switches off if the network breaking time exceeds the back-up time Technical characteristics - Replaceable fuse for fine protection in case of short-circuits - LED indicators - Internal AVR (Automatic Voltage Regulator) - USB Charger

German standard output sockets

Pack	Cat.Nos	Nominal power (VA)	Active power (W)	Back-up time (min)	No. of sockets
1	3 100 81	600	360	up to 15	4 + 2
1	3 100 82	800	480	up to 15	4 + 2

French standard output sockets

Pack	Cat.Nos	Nominal power (VA)	Active power (W)	Back-up time (min)	No. of sockets
1	3 100 83	600	360	up to 15	4 + 2
1	3 100 84	800	480	up to 15	4 + 2

NOTE: The stated back-up times in minutes are estimated and may vary according to the load characteristics, operating conditions and environment

More information
ups.legrand.com

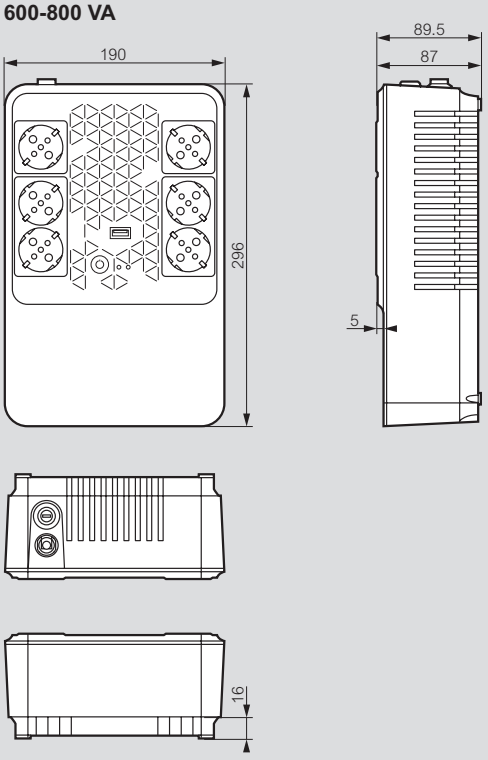
Keor multiplug

technical characteristics

Technical characteristics

Cat.Nos		3 100 81/83	3 100 82/84
General characteristics			
Nominal power (VA)		600	800
Active power (W)		360 - 480	
Technology		Line interactive VI	
Waveform		Pseudo-sinusoidal	
Input characteristics			
Nominal voltage		230 V	
Input voltage range		170 - 290 V	
AC power protection		Fuse	
Nominal frequency		50 - 60 Hz + 5 Hz	
Output characteristics			
Battery mode voltage		230 V ± 10%	
Battery mode frequency (nominal)		50/60 Hz ± 1 Hz	
Pure XII capacitance load		1.2 µF	
USB charger / Voltage		Type A female / 5 V	
Transfer time		2 to 6 ms typical	
Batteries			
Battery range type/voltage		12 V, 7 Ah	12 V, 7 Ah
Recharge time		4-6 hours (to 90% capacity)	
Mechanical characteristics			
Dimensions H x W x D (mm)		190 x 89.5 x 296	
Net weight (kg)		5	5.5
Ambient conditions			
Ambient operating temperature (°C)		0 to 40 °C	
Relative humidity (%)		< 95 % non-condensing	
Noise at 1 m (dBA)	Line mode	< 40	
Certifications			
Reference product standards		EN 62040-1, EN 62040-2	

600-800 VA



Keor PDU

Single phase VFD

3 110 18

3 103 32

Specifically designed for installation in 19" cabinets and racks.
Recommended for small commercial buildings
ON/OFF button and LEDs to monitor UPS status in real time
Integrated USB port
Supplied with USB and power cables
Fuse protection

Pack	Cat.Nos		Nominal power (VA)	Active power (W)	Back-up time (min)	Type of power sockets	Communication ports
	White	Black					
UPS							
8 output sockets - French standard							
1	3 103 30	3 110 16[1]	800	480	up to 15	FR	USB HID
8 output sockets - IEC standard							
1	3 103 31	3 110 17[1]	800	480	up to 15	FR/GER/IT UK	USB HID
1	3 103 33[1]	3 110 19[1]					
8 output sockets - German/Italian standards							
1	3 103 32	3 110 18	800	480	up to 15	GER/IT	USB HID

1: Available until stock lasts
NOTE: The stated back-up times in minutes are estimated and may vary according to the load characteristics, operating conditions and environment

UPS Management Software and communication accessories available on **ups.legrand.com**

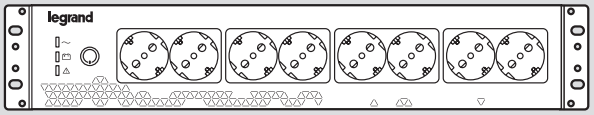
Keor PDU

technical characteristics

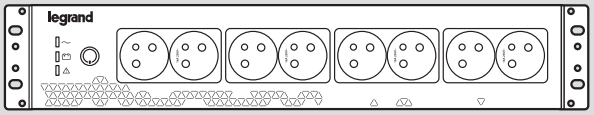
Technical characteristics

General specifications	3 103 30/31/32/33 and 3 110 16/17/18/19
Nominal power (VA)	800
Active power (W)	480
Input	
Input voltage	230 V
Input frequency	45 - 65 Hz
Input voltage range	180 - 270 Vac
Output	
Output voltage	220/230/240 VAC ±10%
Output frequency (nominal)	50/60 Hz ±1%
Power factor	0.6
Battery	
Type	12 V/9 Ah x 1
Charge time (h)	4-6 (90% capacity)
Communication and Management	
Communication	USB
Display and Signals	3 LEDs to monitor UPS status in real-time
Mechanical Features	
Dimensions H x W x D (mm)	88 x 440 x 150
Net weight (kg)	5.5
Ambient Conditions	
Operating temperature (°C)	0 - 40
Relative humidity (%)	< 95% (non condensing)
Protection rating	IP20
Noise at 1 mt (dBA)	≤40 dB
Conformity	
Certifications	EN 62040-1, EN 62040-2, EN 62040-3 (VFD)

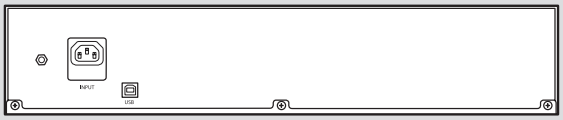
GER/IT standards sockets



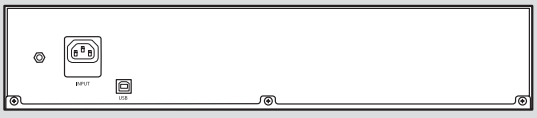
FR standard sockets



IEC standard sockets



Back panel



Red catalogue numbers: New products

Keor SP

Single phase VI

3 101 83

3 101 92

Features:
- 3-colour LED bar
- Mute button
- Internal AVR (Automatic Voltage Regulator)
- USB recharge port (except on 600 VA models)
- Available outputs sockets in IEC, German or French type

Pack	Cat.Nos	Nominal power (VA)	Active power (W)	Back-up time (min)	No. of sockets IEC	Communication ports
		UPS international socket				
1	3 101 80	600	360	up to 15	4	USB HID
1	3 101 83	800	480	up to 15	4	USB HID
1	3 101 86	1000	600	up to 15	6	USB HID + RS 232
1	3 101 89	1500	900	up to 15	6	USB HID + RS 232
1	3 101 92	2000	1200	up to 15	6	USB HID + RS 232
		UPS with IEC + German standard socket				
1	3 101 81	600	360	up to 15	1+1	USB HID
1	3 101 84	800	480	up to 15	1+1	USB HID
1	3 101 87	1000	600	up to 15	2+2	USB HID + RS 232
1	3 101 90	1500	900	up to 15	2+2	USB HID + RS 232
1	3 101 93	2000	1200	up to 15	2+2	USB HID + RS 232
		UPS with IEC + French standard socket				
1	3 101 82	600	360	up to 15	1+1	USB HID
1	3 101 85	800	480	up to 15	1+1	USB HID
1	3 101 88	1000	600	up to 15	2+2	USB HID + RS 232
1	3 101 91	1500	900	up to 15	2+2	USB HID + RS 232
1	3 101 94	2000	1200	up to 15	2+2	USB HID + RS 232

NOTE: The stated back-up times in minutes are estimated and may vary according to the load characteristics, operating conditions and environment

UPS Management Software and communication accessories available on **ups.legrand.com**

Keor SP

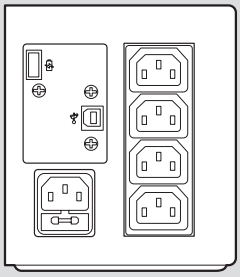
technical characteristics

Technical characteristics

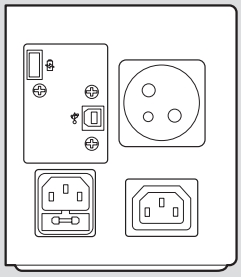
General characteristics	3 101 80 3 101 81 3 101 82	3 101 83 3 101 84 3 101 85	3 101 86 3 101 87 3 101 88	3 101 89 3 101 90 3 101 91	3 101 92 3 101 93 3 101 94
Nominal power (VA)	600	800	1000	1500	2000
Active power (W)	360	480	600	900	1200
Technology	Line Interactive VI				
Waveform	Simulated SineWave				
Input characteristics					
Input voltage	230 V ± 10%				
Input frequency	50-60 Hz +/- 5Hz				
Input voltage range	170 V-290 V				
Output characteristics					
Output voltage	230 V ± 10%				
Output frequency (nominal)	50/60 Hz +/-1Hz				
USB charger/Voltage	-	Type A female / 5 V			
Communication and management					
Screen and signalling	Two buttons and LED bar for real-time control of the status of the UPS				
Remote control	Available				
Mechanical characteristics					
Dimensions W x H x D (mm)	120 x 138 x 330		148 x 173 x 380		
Net weight (kg)	5	5.5	9	10.5	11.8
Environmental conditions					
Ambient operating temperature (°C)	0 to 40 °C				
Relative humidity (%)	< 95% non-condensing				
Noise at 1 m (dBA)	< 40				
Estimated content of circular economy derived materials	≃ 27%				
Recyclability rate calculated using the method described in technical report IEC/TR 62635 (1)	≃ 43%				
Certifications					
Reference product standards	EN 62040-1, EN 62040-2				

1 : This value is based on data collected from a technological channel operating on an industrial basis. It does not pre-validate the effective use of this channel for end-of-life of this product

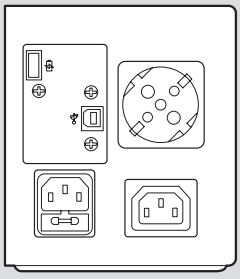
IEC Socket



French standard socket



German standard Socket



NOTE: The drawings refer to Keor SP 800 model

Keor SPE tower version

Line Interactive UPS - Single phase VI-SS

3 110 60

Power Factor: 0.8
User friendly LCD display
Wide input voltage range and frequency
Hot swappable battery
Programmable extended quantity of outlets
Overload, short circuit, back-feed, overtemperature protection
Powerful built-in charger
Cold start (DC power on)
RS232 & USB - SNMP Slot
EPO (Emergency Power Off)
2 dry contacts
Compact size & light weight

Pack	Cat.Nos	UPS				
		Nominal power (VA)	Active power (W)	Back-up time (min)	Weight (kg)	Communication ports/slot
1	3 110 60	750	600	9	6 / -	USB - RS232 - SNMP
1	3 110 61	1000	800	7	8 / -	USB - RS232 - SNMP
1	3 110 62	1500	1200	7	8 / -	USB - RS232 - SNMP
1	3 110 63	2000	1600	7	8 / -	USB - RS232 - SNMP
1	3 110 64	3000	2400	4	8 / 1	USB - RS232 - SNMP

		Accessories
1	3 110 78	10 A British Standard cable for Cat.Nos 3 110 60/61/62
1	3 110 79	16 A British Standard cable for Cat.Nos 3 110 63/64

NOTE: The stated back-up times in minutes are estimated and may vary according to the load characteristics, operating conditions and environment

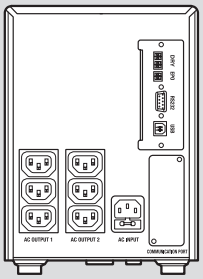
UPS Management Software and communication accessories available on **ups.legrand.com**

Keor SPE tower version

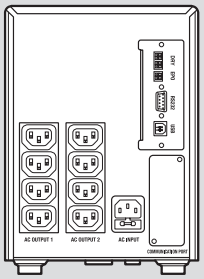
technical characteristics

Equipment

Keor SPE 750 - 1000 VA

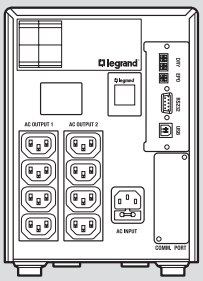


3 110 60

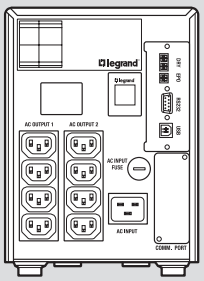


3 110 61

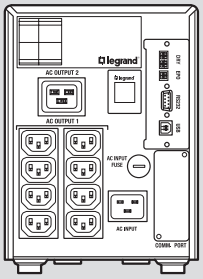
Keor SPE 1500 - 2000 - 3000 VA



3 110 62



3 110 63



3 110 64

Red catalogue numbers: New products

Keor SPE tower version

technical characteristics (continued)

Technical characteristics

General specifications	3 110 60	3 110 61	3 110 62	3 110 63	3 110 64
Nominal Power (VA)	750	1000	1500	2000	3000
Active Power (W)	600	800	1200	1600	2400
Power Factor	0.8				
Technology	Line Interactive VI				
Waveform	Pure sinewave				
Input					
Number of input phases	1Ph				
Voltage (V)	Nominal: 230 / Range: 175 - 288 @ full load				
Frequency (Hz)	47 - 63 Hz (50/60 Hz auto-sensing)				
Output					
Output Voltage	230, adjustable to 200/208/220/230/240				
Frequency (Hz)	50 or 60 Hz +/- 0.5 %				
Programmable Outlets	YES (1-group programmable)				
Number of output phases	1Ph				
Batteries					
Battery type	Lead-acid sealed without maintenance (VRLA)				
Battery replacement	Front Access (Hot-swappable)				
Charging Time (0-90%)	6-8 hours				
Communication and management					
Screen and signalling	Five buttons, display and three-colored LED Bar for real-time control of the status of the UPS				
Communication	RS232 - USB - SNMP Slot - EPO (ROO) 2-dry contacts				
Protections	Electronic circuits against overloads and short-circuit, back-feed, emergency power off (EPO), overtemperature				
Physical characteristics					
Dimensions W x H x D (mm)	170x238x325		170x238x438		
Net weight (kg)	14	14.5	18.9	23	26.5
Environmental conditions					
Operating temperature	0 - 40 °C / +32 °F - +104 °F				
Relative humidity range (%)	0-95% (Non-Condensing)				
Storage temperature	0 °C +50 °C / +32 °F to +122 °F				
Protection degree	IP20				
Acoustic Noise at 1m (dBA)	< 40				
Estimated content of circular economy derived materials	≃ 41%				
Recyclability rate calculated using the method described in technical report IEC/TR 62635 (1)	≃ 78%				
Conformity					
Reference product standards	IEC/EN 62040-1, IEC/EN 62040-2, IEC/EN 62040-3				

1: This value is based on data collected from a technological channel operating on an industrial basis. It does not pre-validate the effective use of this channel for end-of-life of this product

Keor SPE RT rack version

Line Interactive UPS - Single phase VI-SS

3 110 65

3 110 67

3 110 71

3 110 75

Convertible Rack/Tower (19" rack)
Wide input voltage range and frequency
Convertible display helps to use both for tower and rack applications
USB, RS232 and SNMP: all works simultaneously
EPO (adjustable as NC/NO via LCD)
Extended battery cabinet for RT 2U/3U Models
2-Dry Contacts: input failure and battery low alarm

UPS

Pack	Cat.Nos	Size (Number of units)	Nominal power (VA)	Active power (W)	Back-up time (min)	Number of sockets (10A/16A) IEC	Communication ports/slot
1	3 110 65	1U	750	525	10	5 / -	USB - RS232 - SNMP
1	3 110 66	1U	1000	700	7	5 / -	USB - RS232 - SNMP
1	3 110 67	2U	1000	800	8	8 / -	USB - RS232 - SNMP
1	3 110 68	1U	1500	1050	8	5 / -	USB - RS232 - SNMP
1	3 110 69	2U	1500	1200	10	8 / -	USB - RS232 - SNMP
1	3 110 70	2U	2200	1980	8	8 / 1	USB - RS232 - SNMP
1	3 110 71	3U	2200	1980	8	8 / 1	USB - RS232 - SNMP
1	3 110 72	2U	3000	2700	6	8 / 1	USB - RS232 - SNMP
1	3 110 73	3U	3000	2700	6	8 / 1	USB - RS232 - SNMP

Battery cabinets

1	3 110 74	For UPS Cat.No 3 110 67
1	3 110 75	For UPS Cat.No 3 110 69
1	3 110 76	For UPS Cat.Nos 3 110 70/71
1	3 110 77	For UPS Cat.Nos 3 110 72/73

Accessories

1	3 109 52	Rack support bracket kit
1	3 109 53	External manual by-pass
1	3 110 78	10 A British Standard cable for Cat.Nos 3 110 65/66/67/68/69
1	3 110 79	16 A British Standard cable for Cat.Nos 3 110 70/71/72/73

NOTE: The stated back-up times in minutes are estimated and may vary according to the load characteristics, operating conditions and environment

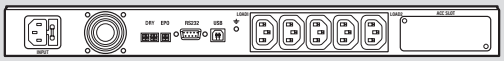
UPS Management Software and communication accessories available on **ups.legrand.com**

Keor SPE RT rack version

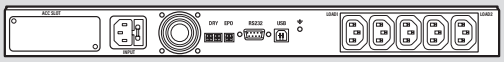
technical characteristics

Equipment

Keor SPE - 1 Units

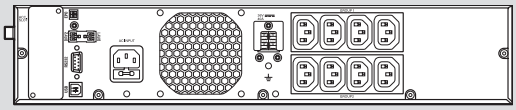


3 110 65 / 3 110 66

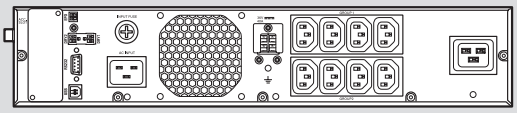


3 110 68

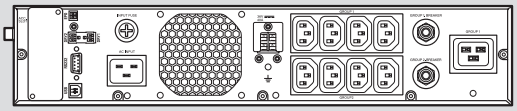
Keor SPE - 2 Units



3 110 67 / 3 110 69

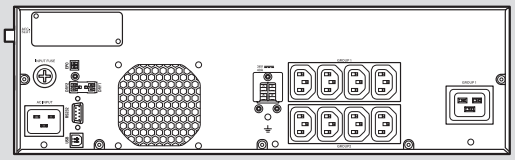


3 110 70

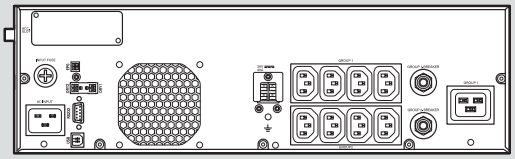


3 110 72

Keor SPE - 3 Units



3 110 71



3 110 73

Red catalogue numbers: New products

Keor SPE RT rack version

technical characteristics (continued)

Technical characteristics

General specifications	3 110 65	3 110 66	3 110 67	3 110 68	3 110 69	3 110 70	3 110 71	3 110 72	3 110 73
Nominal Power (VA)	750	1000	1000	1500	1500	2200	2200	3000	3000
Active Power (W)	525	700	800	1050	1200	1980	1980	2700	2700
Power Factor	0.7		0.8	0.7	0.8	0.9			
Rack Unit	1U		2U	1U	2U		3U	2U	3U
Technology	Line Interactive VI								
Waveform	Pure sinewave								
Input									
Number of input phases	1Ph								
Voltage (V)	Nominal: 230 / Range: 175 - 288 @ full load								
Frequency (Hz)	47 - 63 Hz (50/60 Hz auto-sensing)								
Output									
Output Voltage	230 V, adjustable to 200/208/220/230/240 V								
Frequency (Hz)	50 or 60 Hz +/- 0.5 %								
Programmable Outlets	YES (2-group for 1U) (1-group for 2U/3U)								
Batteries									
Battery type	Lead-acid sealed without maintenance (VRLA)								
Battery replacement	Front Access (Hot-swappable)								
Battery extension	Only 2U/3U: YES (max. 4 pcs)								
Legrand references	N/A		3 110 74	N/A	3 110 75	3 110 76		3 110 77	
Charging Time (0-90%)	6-7 hours								
Communication and management									
Screen and signalling	Five buttons, display and three-colored LED Bar for real-time control of the status of the UPS								
Communication	RS232 - USB - SNMP Slot - EPO - 2-dry contacts								
Protections	Electronic circuits against overloads and short-circuit, back-feed, emergency power off (EPO), overtemperature								
Physical characteristics									
Dimensions W x H x D (mm)	440 x 44 x 513		440 x 88 x 440	440 x 44 x 557	440 x 88 x 440	440 x 88 x 600	440 x 132 x 500	440 x 88 x 600	440 x 132 x 500
Net weight (kg)	13.5		16.9	16.8	17.5	28.3		29.5	
Battery cabinet dimensions W x H x D (mm)	N/A		440 x 88 x 440	N/A	440 x 88 x 440				
Net weight (kg)	-	-	27.5	-	27.5	28.7			
Environmental conditions									
Operating temperature	0 – 40 °C / +32 °F – +104 °F								
Relative humidity range (%)	0 – 95 % (Non-Condensing)								
Storage temperature	0 ºC + 50 ºC / +32 ºF to +122 ºF								
Protection degree	IP 20								
Acoustic Noise at 1m (dBA)	< 40	< 45	< 50	< 45	< 50	< 55			
Estimated content of circular economy derived materials	≃ 41%								
Recyclability rate calculated using the method described in technical report IEC/TR 62635 (1)	≃ 78%								
Conformity									
Reference product standards	IEC/EN 62040-1, IEC/EN 62040-2, IEC/EN 62040-3								

1: This value is based on data collected from a technological channel operating on an industrial basis. It does not pre-validate the effective use of this channel for end-of-life of this product.

Keor LP

On-line double conversion UPS (tower) - single phase VFI

3 101 54 3 101 56 3 101 58

For security systems, lighting systems, CCTV, servers
Ideal for environments with frequent electrical disturbances
Installation: downstream power generators
Advanced management depending on the battery discharge level
Self-diagnosis
Power factor: 0.9
Automatic internal bypass, manual bypass for external maintenance (optional)
Integrated slot for installing a communication interface for Ethernet network connection, to be ordered separately
Cold Start function
Microprocessor control
Telephone line/Internet protection (RJ 11/RJ 45)
Internal network interface Cat.No 3 108 82 for remote protection of equipment and systems
Remote emergency shutdown function ("Emergency Power Off" - EPO)

Pack	Cat.Nos	UPS with IEC sockets	Nominal power (VA)	Active power (W)	Back-up time (min)	No. of sockets IEC (10 A)	Weight (kg)
1	3 101 54		1000	900	5	3	10
1	3 101 56		2000	1800	5	6	17
1	3 101 58[2]		3000	2700	5	6	23
		Additional battery cabinets					
		Battery cabinets					
1	3 105 98[1]	For UPS Cat.No 3 101 54					
1	3 105 99[1]	For UPS Cat.No 3 101 56					
1	3 106 00[1]	For UPS Cat.No 3 101 58					
		Additional battery chargers					
1	3 109 58	For battery cabinet Cat.No 3 105 98					
1	3 109 60[2]	For battery cabinet Cat.No 3 105 99					
1	3 109 61[2]	For battery cabinet Cat.No 3 106 00					
		Accessories					
1	3 109 53	External manual bypass for Daker DK and Keor LP 1000-2000-3000					
1	3 109 69	Volt-free contact card					
		Communication accessory					
1	3 109 31	Standard interface for internal network (cards) Connected to the IP network and equipped with management software, the interface allows the protection of one or more devices, or remote systems Ensures control and supervision of the UPS and shared equipment, sends alerts (e-mails or messages), and turns off/restarts computers Technical characteristics, see p. 933					

1: Battery included
2: Available until stock lasts
NOTE: The stated back-up times in minutes are estimated and may vary according to the load characteristics, operating conditions and environment

UPS Management Software and communication accessories available on **ups.legrand.com**

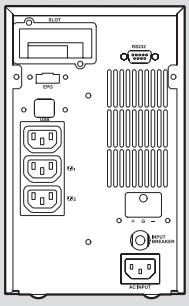
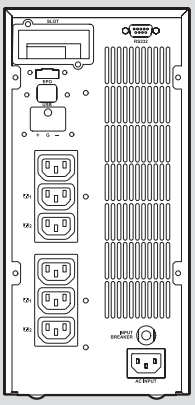
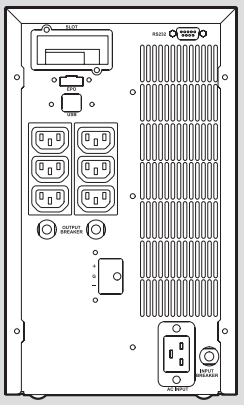
Keor LP

technical characteristics

Technical characteristics

Cat.Nos	3 101 54	3 101 56	3 101 58
General characteristics			
Nominal power (VA)	1000	2000	3000
Active power (W)	900	1800	2700
Technology	On-line double conversion VFI-SS-111		
Waveform	Sinusoidal		
Architecture	UPS with extendable back-up time		
Input characteristics			
Input voltage	230 V		
Input frequency	45 - 65 Hz ±2 % Autosensing		
Input voltage range	210 V - 240 Vac full load		
Input power factor	> 0,99		
Output characteristics			
Output voltage	230 V ± 1 %		
Efficiency	Up to 96 % (in Eco mode)		
Output frequency (nominal)	50/60 Hz synchronised		
Peak factor	3 : 1		
THD of output voltage	<3% with linear load		
Permitted overload: - ONLINE mode - 10 sec. - 30 sec. - instant transfer to bypass	<105% 121 to 150% 106 to 120% >151%		
Bypass	Automatic (included) and external manual (optional)		
Batteries			
Back-up time extension	Yes		
Battery voltage	24 Vdc	48 Vdc	72 Vdc
Back-up time (min)	5		
Communication and management			
Screen and signalling	Multi-coloured LED status indicator, alarms and audible signalling		
Communication ports	1 RS232 serial port, 1 slot for network interface connection (ex. CS121)		
Emergency Power Off (EPO)	Yes		
Remote control	Software can be downloaded free of charge		
Mechanical characteristics			
Dimensions (H x W x D) (mm)	236 x 144 x 367	322 x 151 x 444	322 x 189 x 444
Dimensions of battery cabinet (H x W x D) (mm)	322 x 151 x 444	322 x 151 x 444	322 x 151 x 444
Battery cabinet Net weight (kg)	31	31	31
Environmental conditions			
Ambient operating temperature (°C)	0 to 40		
Relative humidity (%)	20 to 80 non condensing		
Noise at 1 m (dBA)	< 50		
Estimated content of circular economy derived materials	≃ 30%		
Recyclability rate calculated using the method described in technical report IEC/TR 62635 (1)	≃ 52%		
Certifications			
Reference product standards	EN 62040-1, EN 62040-2, EN 62040-3		

1: This value is based on data collected from a technological channel operating on an industrial basis. It does not pre-validate the effective use of this channel for end-of-life of this product

1000 VA	2000 VA	3000 VA
		

Keor S

On-line double conversion UPS (tower) - single phase

3 101 21

3 107 41

For industrial environment (food industry, laboratories ...) or applications requiring long back-up time (electro-medical ...)
Installation: downstream power generators
Possibility to add batteries for extended autonomy
Parallel connection possible: up to 4 UPSs
Advanced management depending on the battery discharge level
Sinusoidal output
LCD screen
Self-diagnosis
Power factor: 0.9
Integrated automatic bypass and maintenance bypass
Integrated slot for installing a communication interface for Ethernet network connection, to be ordered separately
Cold Start Function
Microprocessor control
Telephone line/Internet (RJ 11/RJ 45)
Remote emergency shutdown function ("Emergency Power Off" - EPO)
Equipped with 4 wheels for easy moving of the UPS

UPS

Pack	Cat.Nos	Nominal power (VA)	Active power (W)	Back-up time (min)	Weight (kg)
1	3 101 21	3000	2400	10	53
1	3 101 22	3000	2400	27	75
1	3 101 23	3000	2400	50	97
1	3 101 28	6000	5400	22	106
1	3 101 31	10000	9000	10	114

UPS with isolation transformer

		Nominal power (VA)	Active power (W)	Back-up time (min)	Weight (kg)
1	3 101 25	3000	2400	10	85
1	3 101 29	6000	5400	0	100
1	3 101 35	10000	9000	0	126

Additional battery cabinets

Battery cabinets

1	3 107 40	Empty
1	3 107 41	Equipped with 2 x 6x12 Ah (for Keor S 3000)
1	3 107 42	Equipped with 3 x 6x12 Ah (for Keor S 3000)
1	3 107 43	Equipped with 6 x 6x12 Ah (for Keor S 3000)
1	3 107 44	Equipped with 20x12 Ah (for Keor S 6000-10000)
1	3 107 45	Equipped with 2 x 20x12 Ah (for Keor S 6000-10000)

Additional battery chargers

1	3 109 61[1]	For battery cabinets Cat.Nos 3 107 41/42/43
1	3 109 54	For battery cabinets Cat.Nos 3 107 44/45

Accessory

1	3 109 69	Volt-free contact card

Communication accessory

1	3 109 31	Standard interface for internal network (cards) Connected to the IP network and equipped with management software, the interface allows the protection of one or more devices, or remote systems Ensures control and supervision of the UPS and shared equipment, sends alerts (e-mails or messages), and turns off/restarts computers Technical characteristics, see p. 933

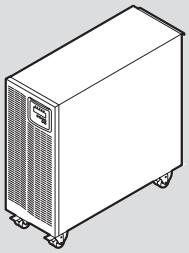
1: Available until stock lasts
NOTE: The stated back-up times in minutes are estimated and may vary according to the load characteristics, operating conditions and environment

UPS Management Software and communication accessories available on **ups.legrand.com**

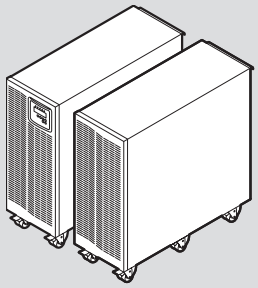
Keor S

technical characteristics

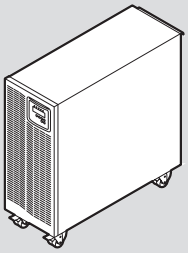
UPS with internal batteries back-up time up to 50 min for 3 kVA



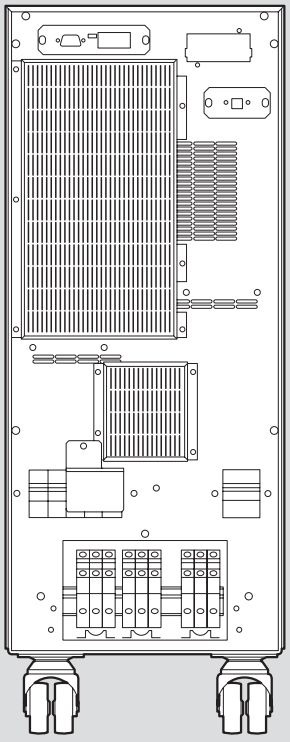
UPS for long autonomy with additional battery cabinet



UPS with isolation transformer built in



Rear



Input and output connection: cage terminals

Long back-up time table

Power	UPS	Battery cabinet	Back-up time (min.)
6000	3 101 28	3 107 44	55
6000	3 101 28	3 107 45	85
10000	3 101 31	3 107 44	27
10000	3 101 31	3 107 45	50
6000	3 101 29	3 107 45	55
6000	3 101 29	3 107 44	22
10000	3 101 35	3 107 44	10
10000	3 101 35	3 107 45	27

Keor S

technical characteristics (continued)

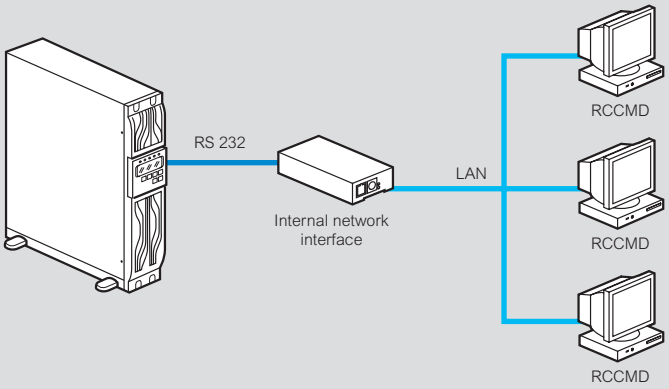
Technical characteristics

Cat.Nos	3 101 21/22/23/25	3 101 28/29	3 101 31/35
General characteristics			
Nominal power (VA)	3000	6000	10000
Active power (W)	2400	5400	9000
Technology	On-line double conversion (VFI-SS-111)		
Waveform	Sinusoidal		
Input characteristics			
Input voltage	220 V - 230 V - 240 V		
Input frequency	45 - 65 Hz		
Input voltage range	160 V - 288 V	195 V - 280 V	
Input power factor	> 0.99		
Output characteristics			
Output voltage	220 V / 230 V / 240 V Adjustable from Front Panel		
Output frequency (nominal)	50/60 Hz Adjustable from Front Panel +/- 0.05%		
Crest factor	2.5:1		
THD of output voltage	< 1.5% with linear load < 3% with non-linear load		
Permissible overload	10 seconds at 125%-150% 30 seconds at 106%-120%	120 seconds at 100%-120% 30 seconds at 121%-150%	
Efficiency in Eco mode	97%		
Bypass	Automatic	Automatic bypass and manual maintenance bypass (included)	
Batteries			
Back-up time extension	Yes		
Battery type	VRLA - AGM		
Communication and management			
LCD Display	Available		
Communication Ports	1 RS232 serial ports, 1 USB port, modbus and SNMP optional	1 RS232 serial ports, modbus and SNMP optional	
Remote control	Available		
Mechanical characteristics			
Dimensions H x W x D (mm)	716 x 275 x 776		
Dimensions battery cabinet H x W x D (mm)	716 x 275 x 776		
Environmental conditions			
Operating temperature (°C)	0 to 40		
Relative humidity (%)	20 - 80 % non condensing		
Protection index	IP 31		
Noise at 1 m (dBA)	< 50		
Estimated content of circular economy derived materials	≃ 38%		
Recyclability rate calculated using the method described in technical report IEC/TR 62635[1]	≃ 66%		
Certifications			
Reference product standards	EN 62040-1, EN 62040-2, EN 62040-3		

1: This value is based on data collected from a technological channel operating on an industrial basis. It does not pre-validate the effective use of this channel for end-of-life of this product

Technical characteristics - Cat.No 3 109 31

Protection over the TCP/IP network
Provides the control of all equipment that can communicate with the network interface
System management can be monitored from each authorized workstation



DAKER DK PLUS

On-line double conversion UPS (rack/tower) - single phase and three phase VFI

3 101 74

3 101 77

3 106 64

3 109 31

The main parameters of the UPS, including the battery charge level and faults, are displayed on the LCD screen on the front panel
The integrated communication software not only controls the UPS and its switch-off if there is a malfunction, and enables the user to test the main functions remotely, communicate via SNMP/Internet/network adaptor and access the functions of the UPS via the Internet, but can also send the user an SMS if specific events occur
The internal extension connector enables a WEB/SNMP card or a relay interface to be installed which provides insulated contacts for applications on industrial control panels or remote alarm panels
If there is an electronic fault, overload, overheating or for scheduled maintenance operations, the automatic or manual (optional) bypass ensures continuity of the power supply for critical loads. A bypass switch is available for maintenance

Convertible UPS with batteries

Single phase

Pack	Cat.Nos	Nominal power (VA)	Active power (W)	Back-up time (min)	Weight (kg)
1	3 101 70	1000	900	9	16
1	3 101 71	2000	1800	10	29.5
1	3 101 72	3000	2700	7	30
1	3 101 73	5000	5000	6	60
1	3 101 74	6000	6000	5	60

Convertible UPS without batteries

Single phase

Pack	Cat.Nos	Nominal power (VA)	Active power (W)	Phase configuration	Weight (kg)
1	3 101 75	5000	5000	-	25
1	3 101 76	6000	6000	-	25
1	3 101 77	10000	10000	-	26

Three phase (input) / Single phase (output)

Pack	Cat.Nos	Nominal power (VA)	Active power (W)	Phase configuration	Weight (kg)
1	3 101 78	10000	9000	-	28

Battery cabinet (with batteries)

Pack	Cat.Nos	
1	3 106 60	Battery cabinet for Cat.No 3 101 70
1	3 106 61	Battery cabinet for Cat.No 3 101 71
1	3 106 62	Battery cabinet for Cat.No 3 101 72
1	3 106 63	Battery cabinet for Cat.Nos 3 101 73/74/75/76
1	3 106 64	Battery cabinet for Cat.Nos 3 101 77/78

Battery cabinet (empty)

Pack	Cat.Nos	
1	3 106 65	Battery cabinet for Cat.No 3 101 70
1	3 106 66	Battery cabinet for Cat.No 3 101 71
1	3 106 67	Battery cabinet for Cat.No 3 101 72
1	3 106 68	Battery cabinet for Cat.Nos 3 101 73/74/75/76
1	3 106 69	Battery cabinet for Cat.Nos 3 101 77/78

Accessories

Pack	Cat.Nos	
1	3 109 52	Rack support bracket kit
1	3 109 53	External manual Bypass for Cat.Nos 3 101 70/71/72
1	3 109 63	External manual Bypass for Cat.Nos 3 101 73/74/75/76/77
1	3 109 59[1]	Additional charger for Cat.No 3 101 70
1	3 109 61[1]	Additional charger for Cat.Nos 3 101 71/72
1	3 109 54	Additional charger for Cat.Nos 3 101 73/74/75/76/77/78
1	3 109 69	Dry contact card

Communication accessory

Pack	Cat.Nos	
1	3 109 31	Standard interface for internal network (cards) Connected to the IP network and equipped with management software, the interface allows the protection of one or more devices, or remote systems Ensures control and supervision of the UPS and shared equipment, sends alerts (e-mails or messages), and turns off/restarts computers Technical characteristics, see p. 933

1: Available until stock lasts
NOTE: The stated back-up times in minutes are estimated and may vary according to the load characteristics, operating conditions and environment

Server cabinets and PDUs, **p. 1031, 1039**
Offer >10 kVA, see **ups.legrand.com**

UPS Management Software and communication accessories available on **ups.legrand.com**

DAKER DK PLUS

technical characteristics

Technical characteristics

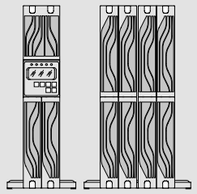
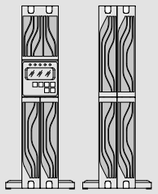
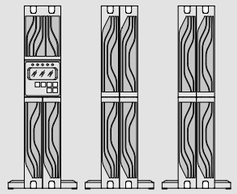
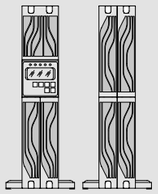
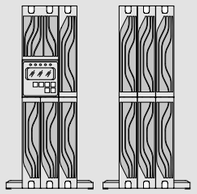
Cat.Nos	3 101 70	3 101 71	3 101 72	3 101 73	3 101 75	3 101 74	3 101 76	3 101 77	3 101 78
General characteristics									
Nominal power (VA)	1000	2000	3000	5000		6000		10000	10000
Active power (W)	900	1800	2700	5000		6000		10000	9000
Technology	On-line double conversion VFI-SS-111								
Waveform	Sinusoidal								
Architecture	Convertible tower and 19" rack								
Input characteristics									
Input voltage	230 V								380 V 3 P+N
Input frequency	50 - 60 Hz ± 5% autosensing								
Input voltage range	176 V - 280 V at full load								305 V - 485 V
THD of input current	< 3%								
Input power factor	> 0.99								> 0.9
Output characteristics									
Output voltage	230 V ± 1%								
Output frequency (nominal)	50/60 Hz (configurable via LCD panel) +/- 0.1%								
Efficiency	up to 90%	up to 91%	up to 92%	up to 94%					up to 90%
Peak factor	3:1								
THD of output voltage	< 3% with linear load								
Output voltage tolerance	± 1%								
Internal automatic bypass	included								
External maintenance bypass	optional	optional	optional	optional	optional	optional	optional	optional	-
Batteries									
Back-up time extension	Yes								
Back-up time (min)	9	10	7	6	-	5	-	-	-
Communication and management									
Screen and signalling	Four buttons and five LEDs for real-time control of the status and the main parameters of the UPS								
Communication ports	RS232 and USB serial ports								RS232 serial ports
Remote control	Available								
Connector for network interface	SNMP								
Back-feed protection	yes								
Emergency power off (EPO)	yes								
Mechanical characteristics									
Dimensions (H x W x D) (mm)	440 x 88 (2U) x 405	440 x 88 (2U) x 600		440x196 (4U)x680	440x88 (2U)x680	440x196 (4U)x680	440x88 (2U)x680	440x132 (3U) x680	
Net weight (kg)	16	29,5	30	60	25*	60	25	26	28
Dimensions of battery cabinet H x W x D (mm)	440x196 (4U)x425	440 x 88 (2U) x 600		-	440 x 88 (2U) x 680	-	440 x 88 (2U) x 680	440 x 132 (3U) x 680	
Ambient conditions									
Operating temperature (°C)	0 + 40 °C								
Protection index	IP 21								
Relative humidity (%)	20 to 80%								
Noise at 1 m (dBA)	< 50								
Heat dissipation (BTU/h)	490	654	818	892		1300		1636	
Certifications									
Reference product standards	EN 62040-1, EN 62040-2, EN 62040-3								

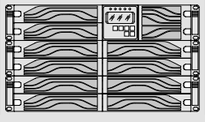
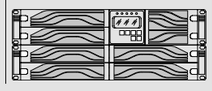
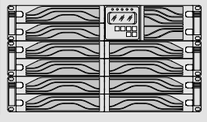
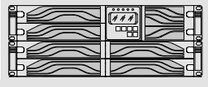
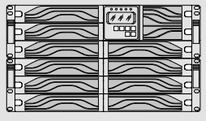
NOTE: The stated back-up times in minutes are estimated and may vary according to the load characteristics, operating conditions and environment

DAKER DK PLUS

technical characteristics (continued)

Examples of configurations

	1000 VA 2 cabinet L 2U + 4U	2000 VA 2 cabinet L 2U + 2U	3000 VA 3 cabinet L 2U +2U + 2U	6000 VA 2 cabinet L 2U + 2U	10000 VA 2 cabinet L 3U + 3U
TOWER version					

	1000 VA 2 cabinet H 2U + 4U (294 mm)	2000 VA 2 cabinet H 2U + 2U (196 mm)	3000 VA 3 cabinet H 2U + 2U + 2U (294 mm)	6000 VA 2 cabinet H 2U + 2U (196 mm)	10000 VA 2 cabinet H 3U + 3U (294 mm)
RACK version					

Long back-up time table

Model	Power	Back-up time	Dimensions and number of cabinets H x W x D (mm)	Cat.Nos
Daker DK Plus	1000 VA	10'	440 x 88 x 405	3 101 70
		1h 22'	440 x 88 x 405 + 440 x 196 x 425	3 101 70 + 3 106 65
		2h 44'	440 x 88 x 405 + 440 x 196 x 425 (x2)	3 101 70 + 3 106 65 (x2)
		4h 22'	440 x 88 x 405 + 440 x 196 x 425 (x3)	3 101 70 + 3 106 65 (x3)
		5h 52'	440 x 88 x 405 + 440 x 196 x 425 (x4)	3 101 70 + 3 106 65 (x4)
	2000 VA	10'	440 x 88 x 600	3 101 71
		39'	440 x 88 x 600 (x2)	3 101 71 + 3 106 66
		1h 22'	440 x 88 x 600 (x3)	3 101 71 + 3 106 66 (x2)
		1h 57'	440 x 88 x 600 (x4)	3 101 71 + 3 106 66 (x3)
		2h 44'	440 x 88 x 600 (x5)	3 101 71 + 3 106 66 (x4)
	3000 VA	8'	440 x 88 x 600	3 101 72
		34'	440 x 88 x 600 (x2)	3 101 72 + 3 106 67
		1h 6'	440 x 88 x 600 (x3)	3 101 72 + 3 106 67 (x2)
		1h 33'	440 x 88 x 600 (x4)	3 101 72 + 3 106 67 (x3)
		2h 3'	440 x 88 x 600 (x5)	3 101 72 + 3 106 67 (x4)
	5000 VA	10'	440 x 88 x 680 + 440 x 88 x 680	3 101 75 + 3 106 68
		29'	440 x 88 x 680 + 440 x 88 x 680 (x2)	3 101 75 + 3 106 68 (x2)
		49'	440 x 88 x 680 + 440 x 88 x 680 (x3)	3 101 75 + 3 106 68 (x3)
		1h 11'	440 x 88 x 680 + 440 x 88 x 680 (x4)	3 101 75 + 3 106 68 (x4)
	6000 VA	10'	440 x 88 x 680 + 440 x 88 x 680	3 101 76 + 3 106 68
		29'	440 x 88 x 680 + 440 x 88 x 680 (x2)	3 101 76 + 3 106 68 (x2)
		49'	440 x 88 x 680 + 440 x 88 x 680 (x3)	3 101 76 + 3 106 68 (x3)
		1h 11'	440 x 88 x 680 + 440 x 88 x 680 (x4)	3 101 76 + 3 106 68 (x4)
	10000 VA	7'	440 x 132 x 680 + 440 x 132 x 680	3 101 77 + 3 106 69
		18'	440 x 132 x 680 + 440 x 132 x 680 (x2)	3 101 77 + 3 106 69 (x2)
		29'	440 x 132 x 680 + 440 x 132 x 680 (x3)	3 101 77 + 3 106 69 (x3)
		42'	440 x 132 x 680 + 440 x 132 x 680 (x4)	3 101 77 + 3 106 69 (x4)
		56'	440 x 132 x 680 + 440 x 132 x 680 (x5)	3 101 77 + 3 106 69 (x5)
Daker DK Plus 3 - 1	10000 VA	7'	440 x 132 x 680 + 440 x 132 x 680	3 101 78 + 3 106 69
		18'	440 x 132 x 680 + 440 x 132 x 680 (x2)	3 101 78 + 3 106 69 (x2)
		29'	440 x 132 x 680 + 440 x 132 x 680 (x3)	3 101 78 + 3 106 69 (x3)
		42'	440 x 132 x 680 + 440 x 132 x 680 (x4)	3 101 78 + 3 106 69 (x4)
		56'	440 x 132 x 680 + 440 x 132 x 680 (x5)	3 101 78 + 3 106 69 (x5)

NOTE: The stated back-up times in minutes are estimated and may vary according to the load characteristics, operating conditions and environment.

Keor Compact

On-line double conversion UPS - three-phase VFI

3 111 00

Power factor correction PFC (input PF > 0.99)
User friendly touch screen display 4.3"
Wide input voltage range and frequency
Dual input
Cold start
Embedded back-feed protection
Smart communication ports and SNMP management capability
Parallel operation up to 6 units
Built-in battery for standard autonomy (except Cat.Nos 3 111 00/02/04)
Extended back-up time with battery cabinet (to be ordered separately)
Overload & short circuit protection
Powerful built-in charger
RS232, GenSet, dry contacts
Compact size, light weight & low noise
Smallest footprint: 0.22m²
Wheels for easy movement

Pack	Cat.Nos	UPS with battery			
		Nominal power (VA)	Active power (W)	Back-up time (min)	Weight (kg)
1	3 111 01	10000	9000	11	149
1	3 111 03	15000	13500	7	166
1	3 111 05	20000	18000	6	176

		UPS without battery		
		Nominal power (VA)	Active power (W)	Weight (kg)
1	3 111 00	10000	9000	74
1	3 111 02	15000	13500	76
1	3 111 04	20000	18000	76

		Battery cabinets
1	3 110 94	Keor Compact battery cabinet empty
1	3 110 95	Keor Compact battery cabinet 10 kVA
1	3 110 96	Keor Compact battery cabinet 15 kVA
1	3 110 97	Keor Compact battery cabinet 20 kVA

		Accessories
1	3 110 98	Parallel kit
1	3 110 99	RS-485 MODBUS card
1	3 111 06	Dry contact card
1	3 110 86	Battery temperature probe

NOTE: The stated back-up times in minutes are estimated and may vary according to the load characteristics, operating conditions and environment

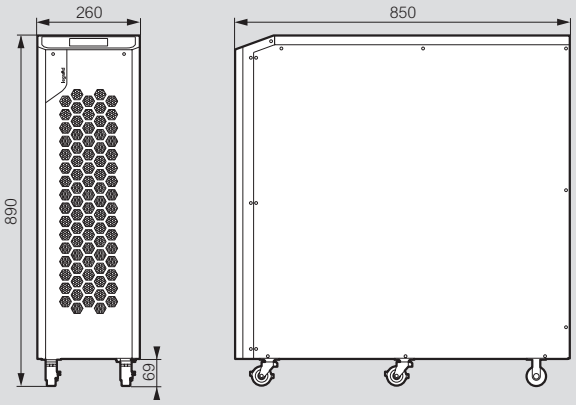
UPS Management Software and communication accessories available on **ups.legrand.com**

Keor Compact

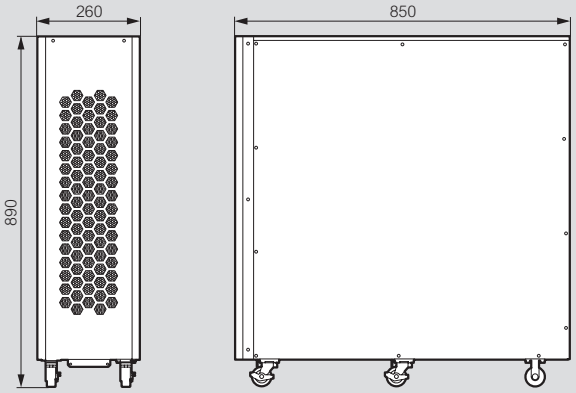
technical characteristics

Dimensions (mm)

Keor Compact 10 - 15 - 20 kVA



Battery Cabinet



Long back-up time table

Power	UPS	Battery cabinet	Back-up time (min.)
10000 VA	3 111 01	1 x 3 110 95	50
10000 VA	3 111 01	2 x 3 110 95	87
10000 VA	3 111 01	3 x 3 110 95	126
15000 VA	3 111 03	1 x 3 110 96	40
15000 VA	3 111 03	2 x 3 110 96	67
15000 VA	3 111 03	3 x 3 110 96	99
20000 VA	3 111 05	1 x 3 110 97	28
20000 VA	3 111 05	2 x 3 110 97	57
20000 VA	3 111 05	3 x 3 110 97	81

NOTE: The stated back-up times in minutes are estimated and may vary according to the load characteristics, operating conditions and environment

Red catalogue numbers: New products

Keor Compact

technical characteristics (continued)

Technical characteristics

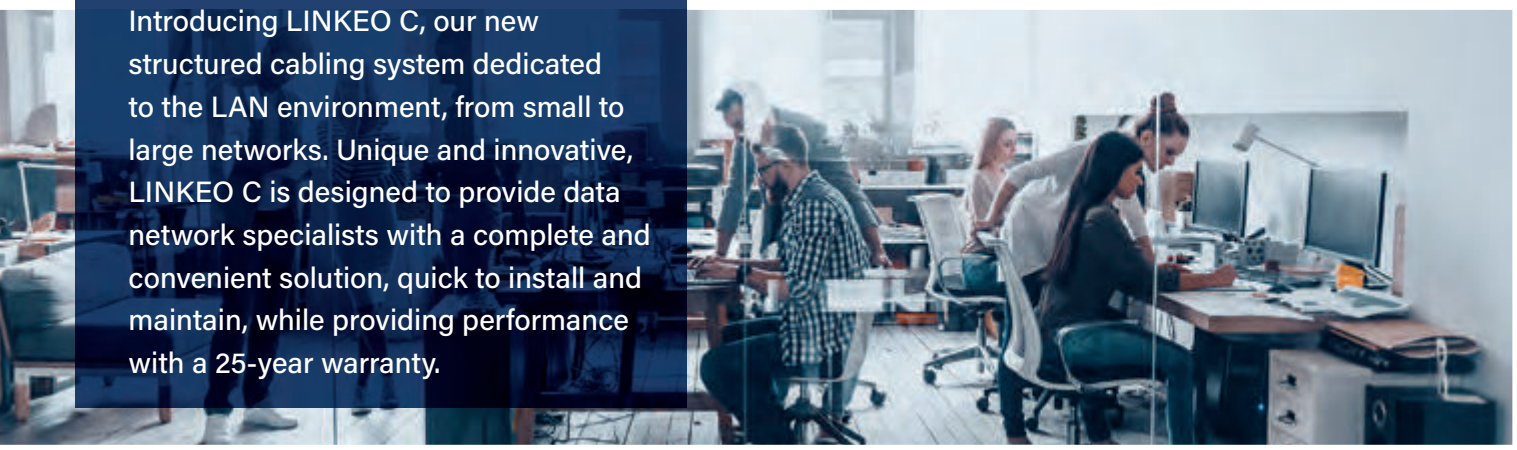
General specifications	Keor Compact 10	Keor Compact 15	Keor Compact 20
Nominal Power (kVA)	10	15	20
Active Power (kW)	9	13.5	18
Technology	On-line double conversion VFI-SS-111		
Waveform	Sinusoidal		
UPS architecture	Stand Alone or Distributed Parallel up to 6 units		
Efficiency	up to 95%		
Efficiency in ECO mode	up to 98.5%		
Input			
Input Voltage	400V (3Ph+N+PE)		
Input Voltage Range (Ph-Ph)	±20% @100% load, -40/+20% @50% load		
Input Frequency	40-70 Hz		
THD of input current	< 3% at full load		
Dual Input	Yes		
Compatibility with Diesel Generators	Yes		
Input power factor	> 0.99		
Output			
Output Voltage	380, 400, 415V (3Ph+N+PE)		
Output voltage tolerance	± 1% (Static load)		
Output frequency (nominal)	50/60 Hz (Adjustable from front panel)		
Output frequency tolerance	± 1 Hz / ± 3 Hz adjustable synch Mains for Bypass; ± 0.01% Free Run		
Crest Factor	3:1		
THD of output voltage	< 2% with linear load, < 5% with distorted load		
Output power factor	0.9		
Overload Capability	60 min at 110%, 10 min at 125%; 1 min at 150%		
By-pass	Builtin Automatic and Mainteinance Bypass		
Batteries			
Cold Start	Yes		
Battery type	VRLA		
Internal batteries	Yes		
Communication and management			
Control Panel Display	Colour Touch Screen 4.3"		
Communication ports	RS232, Genset, 4 programmable relay contacts, RS485 (optional), net interface slot		
Back-feed protection	Embedded		
Audible alarm	Acoustic alarms and warnings		
Emergency Power Off (EPO)	Yes		
Remote Management	Availble		
Physical characteristics			
Ventilation	Forced with FANs from front to rear		
Max Heat Disipation (100% load W, battery in recharge)	600	900	1300
Color	RAL 9017 (Black-cabinet) RAL9003 (White-control panel)		
Dimensions W x D x H (mm)	260 x 850 x 890		
Weight without Batteries (kg)	74	76	76
Weight with Batteries (kg)	149	166	176
Environmental conditions			
Operating temperature (°C)	0 - 40°C (Recommended temperature for longer Battery Life: 20-25°C)		
Relative humidity range (%)	20-95% (Non-Condensing)		
Protection degree	IP20		
Acoustic Noise at 1m (dBA)	< 52		
Conformity and sustainability			
Reference product standards	IEC/EN 62040-1, IEC/EN 62040-2, IEC/EN 62040-3		
Estimated content of circular economy derived materials	≃ 39%		
Recyclability rate calculated using the method described in technical report IEC/TR 62635 (1)	≃ 71%		

1: This value is based on data collected from a technological channel operating on an industrial basis. It does not pre-validate the effective use of this channel for end-of-life of this product.

STRUCTURED CABLING

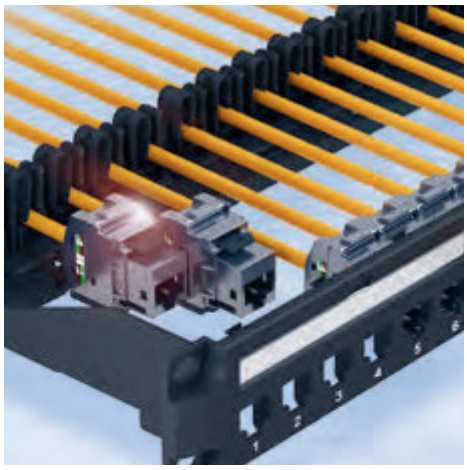
Build connections with LINKEO C!

Introducing LINKEO C, our new structured cabling system dedicated to the LAN environment, from small to large networks. Unique and innovative, LINKEO C is designed to provide data network specialists with a complete and convenient solution, quick to install and maintain, while providing performance with a 25-year warranty.



Unique design

Adopt a connector of unprecedented unique design: toolless and easy-to-install, effortless, take the advantage of the Legrand quality.



The Linkeo C ergonomic design enables quick toolless connection: a greater comfort for reduced effort on site.

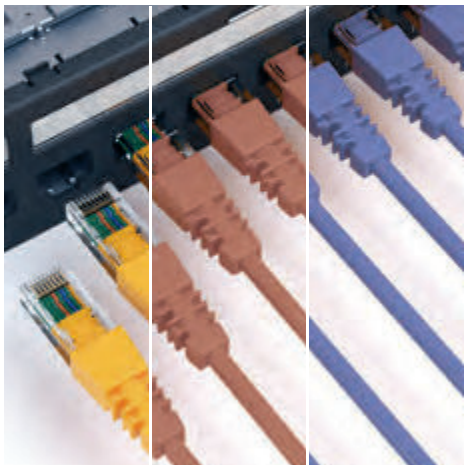
Fast termination & re-termination

The connector is designed to make every step of the installation and maintenance process quick and easy.

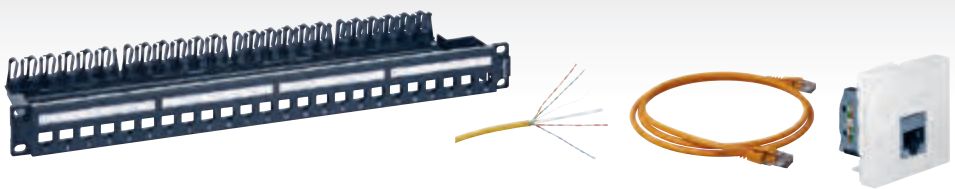
Each connector can be terminated under 1 minute and 10 seconds and re-terminated when needed without tools in a matter of seconds.

Performance

Choose from a complete range, from cat. 5e to cat. 6_A, available in unshielded and shielded versions.



At the heart of the system is the RJ 45 connector, available up to cat. 6_A.

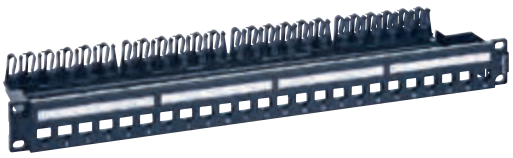


A COMPLETE RANGE

From patch panels to terminal sockets, cables and cords, LINKEO C offers a complete range of equipment to create high-performance digital infrastructures.

LINKEO C - structured cabling solutions

patch panels, keystone, surface-mounting box and socket outlets



6 328 50

6 329 05

6 329 08

6 329 11

6 327 95

6 327 79

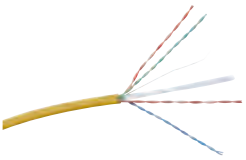
6 329 01

Pack	Cat.Nos	Patch panel to be equipped
1	6 328 50	Empty patch panel for 24 keystone connectors cat. 6_A, cat. 6 or cat. 5e with metal cable holder To be equipped with RJ 45 connectors
		Keystone connectors
		Set of 24 RJ 45 connectors Keystone toolless RJ 45 connector Accepts from AWG 23 to AWG 26 solid and stranded conductors Contacts marked with dual colour code for wiring schemes T 568 A and T 568 B Conforms to standards ISO/IEC 11801 series ANSI/TIA 568 series EN 50173 series
		Cat. 6_A RJ 45 connectors
24	6 329 05	STP
24	6 329 06	UTP
		Cat. 6 RJ 45 connectors
24	6 329 07	STP
24	6 329 08	FTP
24	6 329 09	UTP
		Cat. 5e RJ 45 connectors
24	6 329 10	STP
24	6 329 11	UTP

Pack	Cat.Nos	Keystone faceplates
		RJ 45 Linkeo faceplates
14	6 327 94	1 port
14	6 327 95	2 ports
14	6 329 00	4 ports
		Angled RJ 45 Linkeo faceplates
14	6 327 96	1 port
14	6 327 97	2 ports
		Surface-mounting box
1	6 327 79	1 or 2 ports For keystone connectors Provides solution for integration of keystone in surface-mounting installations
		Socket outlet adaptors + RJ 45 connectors
		Set of 10 outlets (45 x 45 mm 2 modules, 1 port) and 10 RJ 45 connectors
10	6 329 01	With RJ 45 cat. 6_A STP
10	6 329 02	With RJ 45 cat. 6 FTP
10	6 329 03	With RJ 45 cat. 6 UTP
10	6 329 04	With RJ 45 cat. 5e UTP
		Patch panel telephone 50 ports 110 connect
		High density: supports 50 ports using 1 U of rack space Compatible wih 22-26 AWG
1	0 335 79	19" panel - 1 U

Red catalogue numbers: New products

LINKEO C - structured cabling solutions - cables



6 327 45

Pack	Cat.Nos		Cables
			Cables with 4 pairs
	PVC	LSZH	
500[1]		6 327 45	**U/FTP cat. 6_A** Length 500 m
500[1]	6 327 46		**F/UTP cat. 6_A** Length 500 m
500[1]		6 327 47	**U/UTP cat. 6_A** Length 500 m
305[1]	6 327 24	6 327 25	**U/UTP cat. 6** Length 305 m
305[1]	6 327 26	6 327 27	**F/UTP cat. 6** Length 305 m
305[1]	6 327 15	6 327 16	**U/UTP cat. 5e** Length 305 m
305[1]	6 327 17	6 327 18	**F/UTP cat. 5e** Length 305 m

1: in meter(s)

LINKEO C - structured cabling solutions - patch cords

6 328 87

Pack	Cat.Nos	Patch cords
		RJ 45 - RJ 45 PVC
		U/UTP cat. 6_A unscreened impedance 100Ω
	PVC	Sun yellow
1	6 328 78	Length 1 m
1	6 328 79	Length 2 m
1	6 328 80	Length 3 m
1	6 328 81	Length 5 m
		F/UTP cat. 6_A screened impedance 100Ω
		Sun yellow
1	6 328 86	Length 1 m
1	6 328 87	Length 2 m
1	6 328 88	Length 3 m
1	6 328 89	Length 5 m
		U/UTP cat. 6 unscreened impedance 100Ω
		Light blue
1	6 328 64	Length 1 m
1	6 328 65	Length 1,5 m
1	6 328 66	Length 2 m
1	6 328 67	Length 3 m
1	6 328 68	Length 5 m
		F/UTP cat. 6 screened impedance 100Ω
		Light blue
1	6 328 74	Length 1 m
1	6 328 75	Length 2 m
1	6 328 76	Length 3 m
1	6 328 77	Length 5 m
		U/UTP cat. 5e unscreened impedance 100Ω
		Light pink
1	6 327 65	Length 1 m
1	6 327 66	Length 1,5 m
1	6 327 67	Length 2 m
1	6 327 68	Length 3 m
1	6 327 69	Length 5 m
		F/UTP cat. 5e screened impedance 100Ω
		Light brown
1	6 328 60	Length 1 m
1	6 328 61	Length 2 m
1	6 328 62	Length 3 m
1	6 328 63	Length 5 m

Red catalogue numbers: New products

Linkeo 19" freestanding cabinets

cabinets and equipment

6 467 64

6 464 03

6 464 30

Technical characteristics **p. 944**

Linkeo 19" cabinets

IP 20 - IK 08 baying cabinets
Reversible flat screen-printed safety glass door
Removable side and rear panels with automatic equipotential bonding
All 4 sides can be locked with a key
Equipped with 2 x 19" uprights with U marking and adjustable depth
Pre-cut cable entries (top and bottom)
To be fitted with brush cable entry Cat.No 6 464 28
Cut-out at the top for fan kit
Equipped with levelling feet
Loading capacity: 400 kg
Anthracite grey RAL 7016

Single front door

Pack	Cat.Nos Ready-assembled	Cat.Nos Flatpack	Capacity	Height (mm)	Width (mm)	Depth (mm)
1	6 467 50	6 467 75	24U	1226	600	600
1	6 467 51	6 467 76	24U	1226	800	800
1	6 467 55	6 467 80	33U	1626	600	600
1	6 467 56	6 467 81	33U	1626	800	800
1	6 467 60	6 467 85	42U	2026	600	600
1	6 467 61	6 467 86	42U	2026	600	800
1	6 467 62	6 467 87	42U	2026	600	1000
1	6 467 63	6 467 88	42U	2026	800	600
1	6 467 64	6 467 89	42U	2026	800	800
1	6 467 65	6 467 90	42U	2026	800	1000
1	6 467 73	6 467 98	47U	2248	800	800
1	6 467 74	6 467 99	47U	2248	800	1000

Extension cabinet with single front door

No side panels
Supplied with baying kit

Pack	Cat.Nos	Capacity	Height (mm)	Width (mm)	Depth (mm)
1	6 467 70 | 6 467 95	42U	2026	800	800

Double front door

Pack	Cat.Nos	Capacity	Height (mm)	Width (mm)	Depth (mm)
1	6 467 66	42U	2026	800	600
1	6 467 67	42U	2026	800	800
1	6 467 68	42U	2026	800	1000

Linkeo baying kits

Pack	Cat.Nos	
1	6 463 37	For joining 2 x Linkeo 19" cabinets

Linkeo 19" uprights

Set of 2 additional 19" uprights

Pack	Cat.Nos	
1	6 463 40	24U
1	6 463 41	33U
1	6 463 42	42U
1	6 463 43	47U

Linkeo plinths

Metal plinths consisting of 4 corner blocks and 4 removable solid traps
Height 100 mm
Anthracite grey RAL 7016

Pack	Cat.Nos	For cabinets width x depth (mm):
1	6 464 00	600 x 600
1	6 464 01	600 x 800 or 800 x 600
1	6 464 02	600 × 1000
1	6 464 03	800 × 800
1	6 464 04	800 × 1000

Casters

Pack	Cat.Nos	
1	0 464 82	Set of 4 pivoting casters, 2 of which have brakes Total permissible load on the 4 casters: 500 kg

Linkeo fan kits

Integrated thermostat, adjustable from -10 to +80 °C
2.5 m power supply cord with 2P+E plug
230 V~
Anthracite grey RAL 7016

Pack	Cat.Nos	
1	6 464 30	2 fans
1	6 464 31	4 fans

Linkeo cable management

Brush cable entry
To fit on top and bottom pre-cut cable entries

Pack	Cat.Nos	
1	6 464 28	Set of brush seals

Vertical cable trays
Side or rear mounting on structure

Pack	Cat.Nos	
1	6 464 20	For 33U cabinet
1	6 464 21	For 42U cabinet
1	6 464 22	For 47U cabinet

Cable management ring

Pack	Cat.Nos	
1	6 464 25	For cabinet width 800 mm. Fixes onto 19" uprights Usable dim.: 65 x 145 mm. Black RAL 9005 Set of 6 metal rings

Vertical cable managers
For cabinet width 800 mm
Set of 2 vertical panels to manage cords at the front along the whole height of the cabinet with brush feedthroughs and fingers for holding cords in place every 1U

Pack	Cat.Nos	
1	6 464 26	For 42U cabinets
1	6 464 27	For 47U cabinets

PDU support

Mounted at the back of the cabinet
For vertical mounting of 19" and Zero-U PDUs

Pack	Cat.Nos	
1	6 464 15	For 42U cabinets
1	6 464 16	For 47U cabinets

For overall cabinet dimensions, **see p. 947 to 949**

Linkeo 19" freestanding cabinets

cabinets and equipment (continued)

Linkeo 19" freestanding cabinets

6 465 06

6 465 01

6 465 20

Pack	Cat.Nos	Linkeo fixed shelves
		Black RAL 9005 Screw fixing
		Projecting mounting on 2 x 19" uprights Height 2U. Max. load: 15 kg
1	6 465 01	Shelf depth 200 mm
1	6 465 02	Shelf depth 360 mm
		Mounting on 4 x 19" uprights Height 1U Max. load: 50 kg
1	6 465 05	Shelf depth 425 mm For depth 600 mm
1	6 465 06	Shelf depth 625 mm For depth 800 mm
1	6 465 07	Shelf depth 825 mm For depth 1000 mm
		Linkeo telescopic shelves
		Screw fixing on 4 x 19" uprights. Height 1U Max. load: 30 kg. Black RAL 9005
1	6 465 08	Shelf depth 425 mm For depth 600 mm
1	6 465 09	Shelf depth 625 mm For depth 800 mm
1	6 465 10	Shelf depth 825 mm For depth 1000 mm
		19" management panels
		Fitted with cable guide rings
1	6 465 20	1U
1	6 465 21	2U
		LED Lighting
		Prewired with 2 m length power cord Magnets fastening
1	0 464 91	With switch 60° swivel
1	0 363 81	With presence sensor 120° swivel

Flatpack solution

Easy to carry
Easy to store
Easy to handle
Easy to assemble
- 16 minutes/1 person
- dedicated installation sheet

High-protection packaging (stackable)
Note:
- Flatpacked cabinets are exactly the same as ready-assembled ones. The only difference is the packaging.

Made-to-measure solutions

1 Choose the size

Capacity	24U	33U	42U	47U
Width	600 or 800 mm			
Depth	600, 800 or 1000 mm			

2 Choose the colour

3 Choose the openings

Front and rear options

Doors in single- or double-door versions

- screen-printed glass, microperforated metal, solid metal, etc.(1)

1: To discover the full range of possibilities, please contact your Legrand representative.

With or without side panels

4 Choose the equipment to be factory-mounted
- cable managers
- fans
- plinths
- shelves
- fibre and copper patch panels

Red catalogue numbers: New products

Linkeo 19" and 10" wall-mounting cabinets

6 462 62

6 462 21

6 462 30

0 337 98

0 462 23

6 468 01

IP 20 - IK 08
Equipped with:
- reversible flat screen-printed safety glass door with integrated lock
- 2 x 19" uprights, with U marking and adjustable in depth
- 3 pre-cut cable entries (top, bottom and rear)
- 1 brush seal for cable entry
- top perforations for natural ventilation

Anthracite grey RAL 7016

Linkeo 19" fixed cabinets

Fixed side panels
Delivered ready-assembled
Side panels with automatic earthing

Pack	Cat.Nos Depth 450 mm	Cat.Nos Depth 600 mm	Capacity	Height (mm)	Width (mm)	Loading capacity (kg)
1	6 462 00	6 462 10	6U	359	600	18
1	6 462 01	6 462 11	9U	492	600	27
1	6 462 02	6 462 12	12U	625	600	36
1	6 462 03	6 462 13	15U	759	600	45
1	6 462 04	6 462 14	18U	892	600	54
1	6 462 05	6 462 15	21U	1025	600	63

Removable side panels
For easy access at the side of the cabinet
Opening with a lock (same key as the door). Delivered flat-packed. Supplied with earthing kit

1	6 462 50	6 462 60	6U	359	600	18
1	6 462 51	6 462 61	9U	492	600	27
1	6 462 52	6 462 62	12U	625	600	36
1	6 462 53	6 462 63	15U	759	600	45
1	6 462 54	6 462 64	18U	892	600	54
1	6 462 55	6 462 65	21U	1025	600	63

Linkeo 19" pivoting cabinets

Consisting of:
- plinth (wall fixing), able to take a 19" PDU
- pivoting body allowing free access to the rear of the cabinet to facilitate installation and maintenance. Reversible pivoting direction. Delivered ready-assembled

Side panels with automatic earthing

Pack	Cat.Nos Depth 610 mm	Capacity	Height (mm)	Width (mm)	Loading capacity (kg)
1	6 462 21	9U	492	600	27
1	6 462 22	12U	625	600	36
1	6 462 23	15U	759	600	45
1	6 462 24	18U	892	600	54
1	6 462 25	21U	1025	600	63

Equipment for 19" cabinets

Linkeo 19" uprights
Set of 2 additional 19" uprights
For installation at the back of the cabinet

1	6 462 42	12U
1	6 462 43	15U
1	6 462 44	18U
1	6 462 45	21U

Casters

1	6 462 48	Set of 4 casters for pivoting cabinet

Linkeo fan kit

1	6 462 38	Kit contains: - 2 fans - 1 thermostat - switch Supplied with 2.3 m cable 230 V~ - 50/60 Hz power supply

For overall cabinet dimensions, **see p. 950-951**

Equipment for 19" cabinets (continued)

Linkeo fixed shelves
Screw fixing (projecting) on 2 x 19" uprights
Height 2U
Max. load: 15 kg
Black RAL 9005

1	6 465 01	Shelf depth 200 mm For cabinets depth 400, 450 and 600 mm
1	6 465 02	Shelf depth 360 mm For cabinets depth 450 and 600 mm

19" management panels
Fitted with cable guide rings

1	6 465 20	1U
1	6 465 21	2U

Linkeo 10" cabinets

Compact cabinet, suitable for small business applications
Delivered ready-assembled
Side panels with automatic earthing

Pack	Cat.Nos Depth 300 mm	Capacity	Height (mm)	Width (mm)	Service load (kg):
1	6 462 30	6U	359	370	18

Equipment for 10" cabinets

Flat patch panel with 6 connectors - 1U to be equipped

1	0 337 98	Takes up to 6 cat. 5e to cat. 8 RJ 45 connectors 10" panel - 1U

Flat patch panel with 12 connectors - 1U to be equipped

1	0 337 99	Takes up to 12 cat. 5e to cat. 6_A RJ 45 connectors 10" panel - 1U

Fixed shelf 1U

1	0 462 23	Depth 120 mm Max. load: 10 kg Black RAL 9005 Supplied with screws and cage nuts

Fan
2.5 m power supply cable

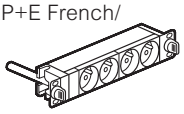
1	0 462 60	230 V~ fan

Thermostat

1	0 348 48	Adjustable from 5 to 60°C, 230 V~, 50/60 Hz NC contact (5 A) and NO contact (10 A) Magnetic mounting

10" PDUs (Power Distribution Units)
230 V~ - 50/60 Hz power supply
Aluminium case height 1U
End caps with metal brackets
Integrated cable guide
Quick fixing (no screws) on 19" upright

1	6 468 01	Block of 4 x 2P+E outlets, black, at a 55° angle with safety shutter, German standard 1 m power supply cord with 16 A 2P+E French/German plug
1	6 468 00	Block of 4 x 2P+E sockets, black, at a 55° angle with safety shutter, French standard 1 m power supply cord with 16 A 2P+E French/German plug
1	6 468 98	To be equipped Capacity: 8 Mosaic modules



Linkeo 19" vertical cabinet

6 462 40

IP20 - IK 08
Compact cabinet, suitable for small business applications or floor distributors
Equipment mounted vertically
Delivered ready-assembled
Equipped with:
- Flat metal door with integrated lock
- 2 x 19" uprights, 3U at the front and 1U at the rear (for mounting the PDU)
- 1 brush seal for top cable entry
- top perforations for natural ventilation

Supplied with earthing kit
Anthracite grey RAL 7016

Pack	Cat.Nos	Linkeo 19" vertical cabinet	Depth 158 mm	Capacity	Height (mm)	Width (mm)
1	6 462 40	Compact cabinet, suitable for small business applications Delivered ready-assembled		3U + 1U	569	538

Pack	Cat.Nos	Thermal management
1	0 462 60	**Fan** 2.5 m power supply cable 230 V∿ fan
1	0 348 48	**Thermostat** Adjustable from 5 to 60°C, 230 V∿, 50/60 Hz NC contact (5 A) and NO contact (10 A) Magnetic mounting

19" Bati-rack

0 463 96 + 2 x 0 463 97

0 463 97

6 465 01

6 465 20

Technical characteristics **p. 951**

Pack	Cat.Nos	19" Bati-rack	Capacity	Height[1] (mm)	Width (mm)	Depth (mm)	Loading capacity (kg)	Number of uprights
1	0 463 95	For housing 19" equipment in an air-conditioned, secure, dust-free environment Comprises 2 or 4 x 19" uprights With levelling feet The 4-upright bati-rack takes shelves and fixed runners for cabinets depth 800 mm Delivered flatpacked RAL 7035	42U	1965	550	640	300	2
1	0 463 96		42U	1965	550	820	300	4

Pack	Cat.Nos	Cable management sleeve
1	0 463 97	Closed vertical feedthrough Reversible door For fixing on the right or left of 19" uprights RAL 7035

Pack	Cat.Nos	Roof
1	0 464 98	Roof for 4-upright bati-rack 535 x 600 mm

Pack	Cat.Nos	Set of 4 casters
1	0 464 99	For bati-rack Loading capacity on the 4 casters: 340 kg

Pack	Cat.Nos	Shelves
		Black RAL 9005
		Screw fixing (projecting) on 2 x 19" uprights Height 2U Max. load: 15 kg
1	6 465 01	Shelf depth 200 mm
1	6 465 02	Shelf depth 360 mm
		Screw fixing on 4 x 19" uprights Height 1U
1	6 465 06	Shelf depth 625 mm. Max. load: 50 kg
1	6 465 09	Telescopic shelf depth 625 mm. Max. load: 30 kg

Pack	Cat.Nos	19" management panels
		Fitted with cable guide rings
1	6 465 20	1U
1	6 465 21	2U

1: Height without levelling feet (+27 to 42 mm with feet)

Red catalogue numbers: New products

Linkeo 19" freestanding cabinets

General characteristics

Metal baying cabinets
RAL 7016 textured polyester coating providing excellent resistance to corrosion and scratching
Screen-printed reversible single or double glass door
Protection index against ingress of solid objects and liquids:
IP 20
Protection index against mechanical impacts: IK 08
Perforations in 19" uprights: 9.5 x 9.5 mm
Permissible load: 400 kg

Compliance with standards

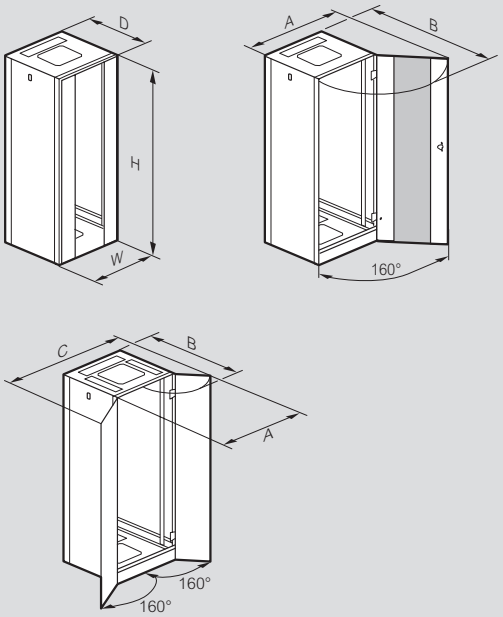
Linkeo cabinets comply with the following standards:

IEC 61587 EN 61587	Mechanical structures for electronic equipment: tests
IEC 60529 EN 60529	(NF C 20-010) Degrees of protection provided by enclosures (IP code)
IEC 62262 EN 62262	(NF EN 50102, NF C 20-015) Degrees of protection provided by enclosures for electrical equipment against external mechanical impacts (IK code)
IEC 62368 EN 62368	Safety of data processing equipment
EIA-310-E	Cabinets, racks, panels and associated equipment (ANSI/EIA/310-E-2005)
IEC 60297-3-100 DIN 41414-7	(NF C 20-150, NF C 20-151) Dimensions of mechanical structures of the 482.6 mm (19 in) series

Linkeo cabinets can be integrated in installations complying with the following standards:

ISO/IEC 11801 EN 50173	Information technology - Generic cabling for customer premises
ISO/IEC 14763-2 EN 50174-2	Information technology - Generic cabling systems
NF C 15-100 Part 4-41	Low voltage electrical installations - recommendations
NF C 90-483	Residential cabling for communication networks
IEC 60364-4-41	Low voltage electrical installations - Protection for safety - Protection against electric shock

Dimensions (mm)



Cabinets with single front door

Cabinet dimensions	Overall dimensions				
	H(1)	W	D	A	B
24U 600 x 600	1226	610	630	1138	1210
24U 800 x 800		810	830	1525	1610
33U 600 x 600	1626	610	630	1138	1210
33U 800 x 800		810	830	1525	1610
42U 600 x 600	2026	610	630	1138	1210
42U 600 x 800		610	830	1138	1410
42U 600 x 1000		610	1030	1138	1610
42U 800 x 600		810	630	1525	1410
42U 800 x 800		810	830	1525	1610
42U 800 x 1000		810	1030	1525	1810
47U 800 x 800	2248	810	830	1525	1610
47U 800 x 1000		810	1030	1525	1810

1: Height without levelling feet (+19 to 39 mm with feet)

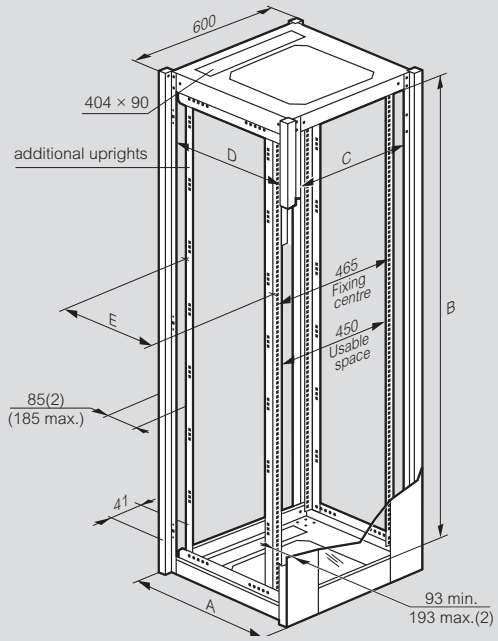
Cabinets with double front door

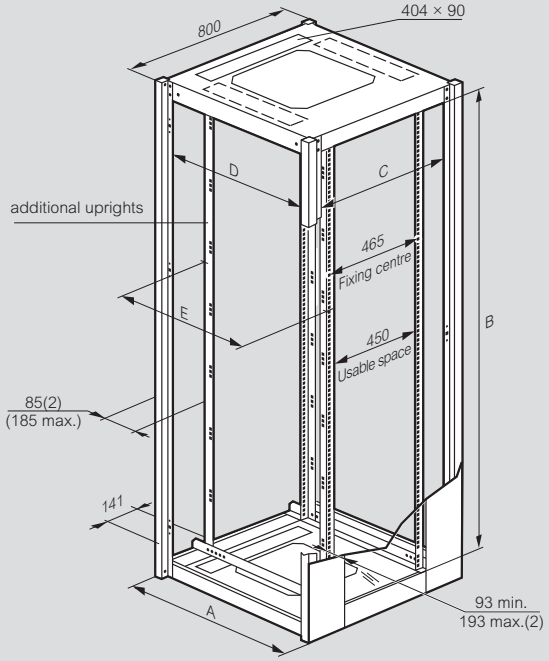
Cabinet dimensions	H(1)	W	D	A	B	C
42U 800 x 800	2026	810	630	1164	1011	1528
42U 800 x 800			830		1211	
42U 800 x 1000			1030		1411	

1: Height without levelling feet (+19 to 39 mm with feet)

Linkeo 19" freestanding cabinets (continued)

Dimensions (mm)

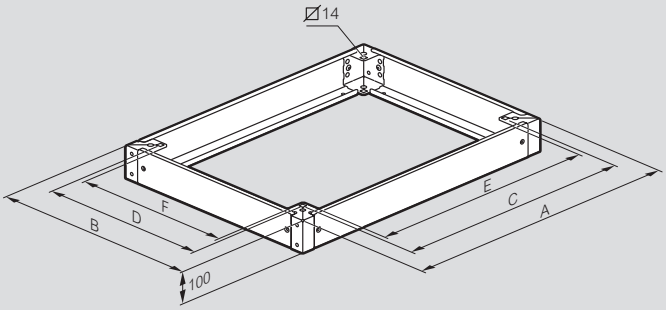




Cabinet dimensions	A(1)	Usable space			E	Glass window Door
		B	C	D		
24U 600 x 600	630	1081	490	490	425	1073 × 360
24U 800 x 800	830		690	690	625	1073 × 450
33U 600 x 600	630	1481	490	490	425	1473 × 360
33U 800 x 800	830		690	690	625	1473 × 450
42U 600 x 600	630	1881	490	490	425	1873 × 360
42U 600 x 800	830			690	625	
42U 600 x 1000	1030			890	825	
42U 800 x 600	630		690	490	425	1873 × 450
42U 800 x 800	830			690	625	
42U 800 x 1000	1030			890	825	
47U 800 x 800	830	2103	690	690	625	2095 × 450
47U 800 x 1000	1030		690	890	825	2095 × 450

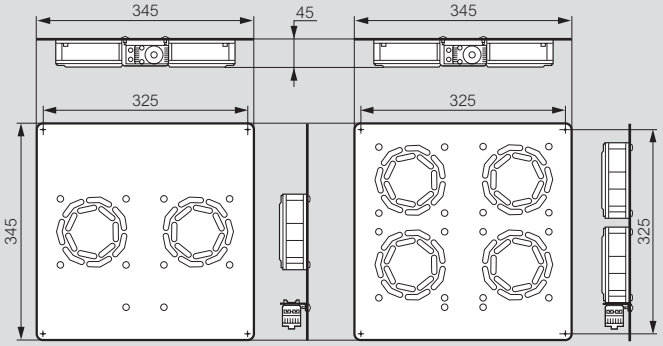
1: Overall dimensions
2: Can be adjusted in 25 mm steps

Plinths for Linkeo cabinets (mm)



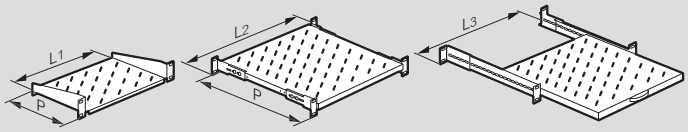
Cabinet dim. Width x Depth	Overall		Fixing		Usable space	
	A	B	C	D	E	F
600 x 600	599	599	478	478	449	449
600 × 800	599	799	478	678	449	649
600 × 1000	799	599	678	478	649	449
800 × 600	799	799	678	678	649	649
800 × 800	599	999	478	878	449	849
800 × 1000	799	999	678	878	649	849

Linkeo fan kits (mm)



Linkeo 19" freestanding cabinets (continued)

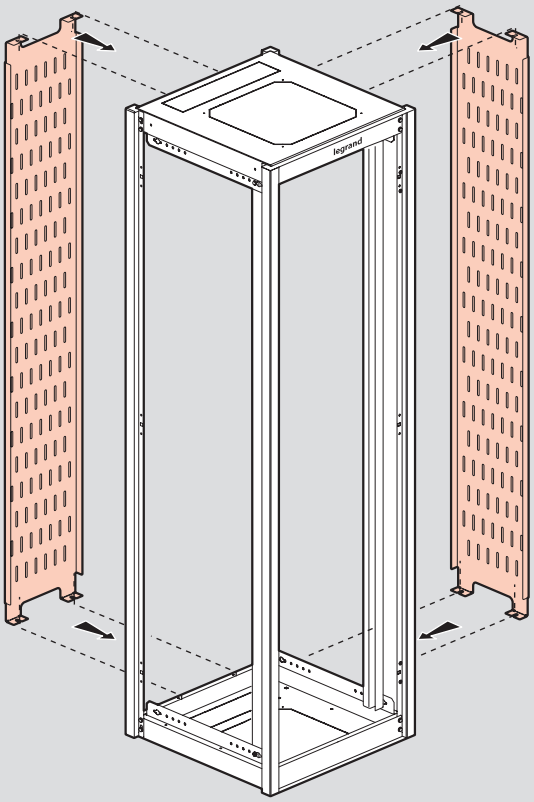
Linkeo shelves (mm)



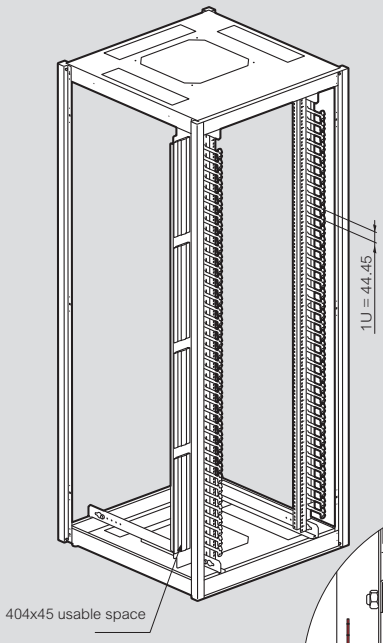
Cat.Nos	D	Usable width		
		W1	W2	W3
6 465 01	200	435		
6 465 02	360	435		
6 465 05	425		440	
6 465 06	625		440	
6 465 07	825		440	
6 465 08	425			410
6 465 09	625			410
6 465 10	825			410

Linkeo vertical cable trays

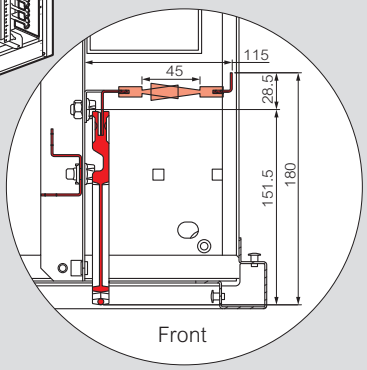
33U tray (6 464 20): 1486 x 300 x 25 mm
42U tray (6 464 21): 1886 x 300 x 25 mm
47U tray (6 464 22): 2105 x 300 x 25 mm



Vertical cable managers 6 464 26/27



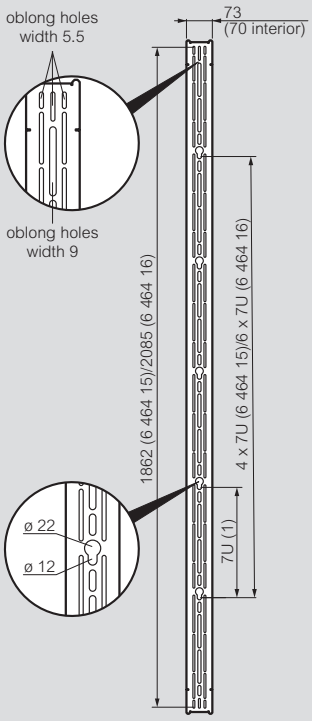
Top view



PDU supports 6 464 15/16 (mm)

Top view

Front view



Side view

Linkeo 19" wall-mounting cabinets

General characteristics

Metal wall-mounting cabinets
RAL 7016 textured polyester coating providing excellent resistance to corrosion and scratching
Safety glass door
Protection index against ingress of solid objects and liquids: IP 20
Protection index against mechanical impacts: IK 08
Perforations in 19" uprights: 9.5 x 9.5 mm
Permissible load: 3 kg/U

Compliance with standards

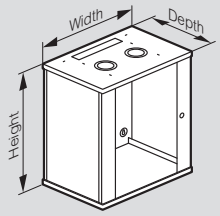
Linkeo cabinets comply with the following standards:

IEC 61587 EN 61587	Mechanical structures for electronic equipment: tests
IEC 60529 EN 60529	(NF C 20-010) Degrees of protection provided by enclosures (IP code)
IEC 62262 EN 62262	(NF EN 50102, NF C 20-015) Degrees of protection provided by enclosures for electrical equipment against external mechanical impacts (IK code)
IEC 62368 EN 62368	Safety of data processing equipment
EIA-310-E	Cabinets, racks, panels and associated equipment (ANSI/EIA/310-E-2005)
IEC 60297-3-100 DIN 41414-7	(NF C 20-150, NF C 20-151) Dimensions of mechanical structures of the 482.6 mm (19 in) series

Linkeo cabinets can be integrated in installations complying with the following standards:

ISO/IEC 11801 EN 50173	Information technology - Generic cabling for customer premises
ISO/IEC 14763-2 EN 50174-2	Information technology - Generic cabling systems
NF C 15-100 Part 4-41	Low voltage electrical installations - recommendations
NF C 90-483	Residential cabling for communication networks
IEC 60364-4-41	Low voltage electrical installations - Protection for safety - Protection against electric shock

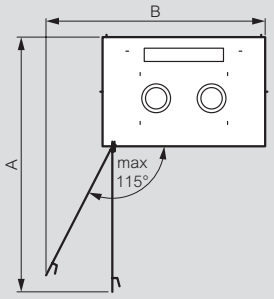
Overall dimensions (mm)



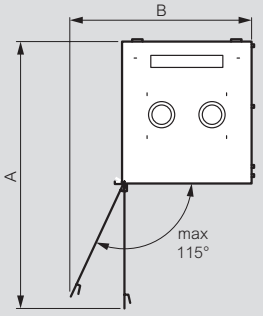
		Cat.Nos	Capacity	Height	Width	Depth
19" fixed cabinet	**fixed side panels**	**6 462 00**	6U	359	605	454
		6 462 01	9U	492	605	454
		6 462 02	12U	625	605	454
		6 462 03	15U	759	605	454
		6 462 04	18U	892	605	454
		6 462 05	21U	1025	605	454
		6 462 10	6U	359	605	604
		6 462 11	9U	492	605	604
		6 462 12	12U	625	605	604
		6 462 13	15U	759	605	604
		6 462 14	18U	892	605	604
		6 462 15	21U	1025	605	604
	removable side panels	**6 462 50**	6U	359	608	458
		6 462 51	9U	492	608	458
		6 462 52	12U	625	608	458
		6 462 53	15U	759	608	458
		6 462 54	18U	892	608	458
		6 462 55	21U	1025	608	458
		6 462 60	6U	359	608	608
		6 462 61	9U	492	608	608
		6 462 62	12U	625	608	608
		6 462 63	15U	759	608	608
		6 462 64	18U	892	608	608
		6 462 65	21U	1025	608	608
19" pivoting cabinets		**6 462 21**	9U	492	642	615
		6 462 22	12U	625	642	615
		6 462 23	15U	759	642	615
		6 462 24	18U	892	642	615
		6 462 25	21U	1025	642	615
10" fixed cabinets		**6 462 30**	6U	359	373	303

Door opening (mm)

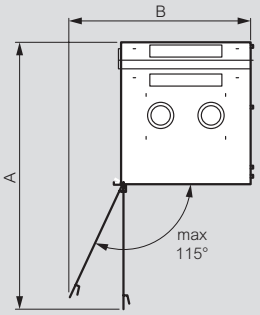
19" fixed cabinets with fixed side panels Cat.Nos 6 462 00/.../15



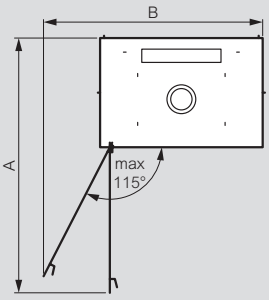
19" fixed cabinets with removable side panels
Cat.Nos 6 462 50/.../65



19" pivoting cabinets
Cat.Nos 6 462 21/.../25

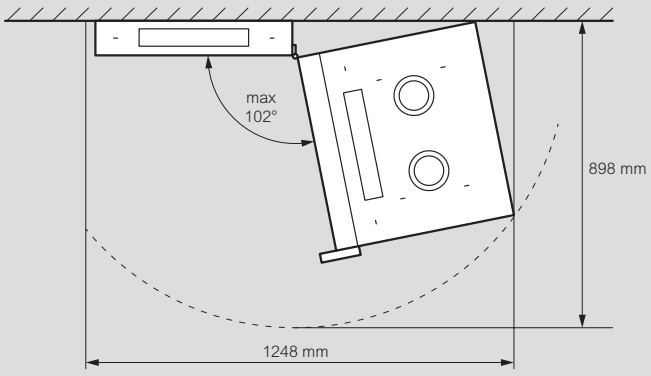


10" cabinet
Cat.No 6 462 30

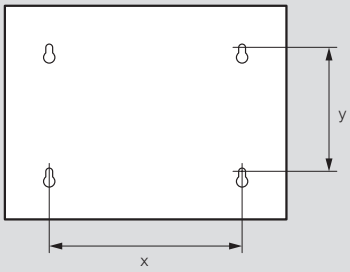


		Cat.Nos	Capacity	A	B
19" fixed cabinet	**fixed side panels**	**6 462 00**	6U	981	795
		6 462 01	9U	981	795
		6 462 02	12U	981	795
		6 462 03	15U	981	795
		6 462 04	18U	981	795
		6 462 05	21U	981	795
		6 462 10	6U	1131	795
		6 462 11	9U	1131	795
		6 462 12	12U	1131	795
		6 462 13	15U	1131	795
		6 462 14	18U	1131	795
		6 462 15	21U	1131	795
	removable side panels	**6 462 50**	6U	983	797
		6 462 51	9U	983	797
		6 462 52	12U	983	797
		6 462 53	15U	983	797
		6 462 54	18U	983	797
		6 462 55	21U	983	797
		6 462 60	6U	1133	797
		6 462 61	9U	1133	797
		6 462 62	12U	1133	797
		6 462 63	15U	1133	797
		6 462 64	18U	1133	797
		6 462 65	21U	1133	797
19" pivoting cabinets		**6 462 21**	9U	1141	809
		6 462 22	12U	1141	809
		6 462 23	15U	1141	809
		6 462 24	18U	1141	809
		6 46225	21U	1141	809
10" fixed cabinet		**6 462 30**	6U	602	460

Pivoting base opening

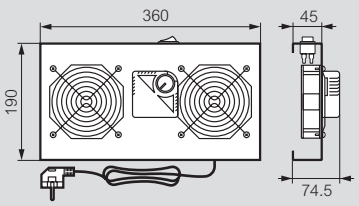


Fixing (mm)



		Cat.Nos	Capacity	X	Y
19" fixed cabinet	fixed side panels	6 462 00	6U	400	152
		6 462 01	9U	400	286
		6 462 02	12U	400	419
		6 462 03	15U	400	552
		6 462 04	18U	400	685
		6 462 05	21U	400	819
		6 462 10	6U	400	152
		6 462 11	9U	400	286
		6 462 12	12U	400	419
		6 462 13	15U	400	552
		6 462 14	18U	400	685
		6 462 15	21U	400	819
	removable side panels	6 462 50	6U	400	152
		6 462 51	9U	400	286
		6 462 52	12U	400	419
		6 462 53	15U	400	552
		6 462 54	18U	400	685
		6 462 55	21U	400	819
		6 462 60	6U	400	152
		6 462 61	9U	400	286
		6 462 62	12U	400	419
		6 462 63	15U	400	552
		6 462 64	18U	400	685
		6 462 65	21U	400	819
19" pivoting cabinets		6 462 21	9U	400	390
		6 462 22	12U	400	523
		6 462 23	15U	400	657
		6 462 24	18U	400	790
		6 462 25	21U	400	923
10" fixed cabinet		6 462 30	6U	171	197

Fan kit (mm)

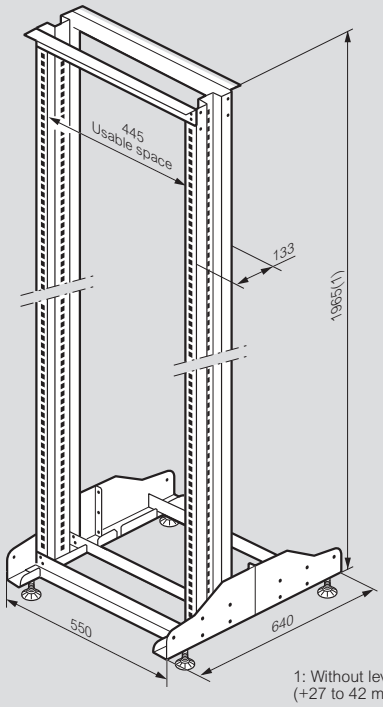


Bati-rack general characteristics

Metal bati-rack
RAL 7035 textured polyester coating providing excellent resistance to corrosion and scratching
Perforations in 19" uprights: 9.5 x 9.5mm
Permissible load: 300 kg

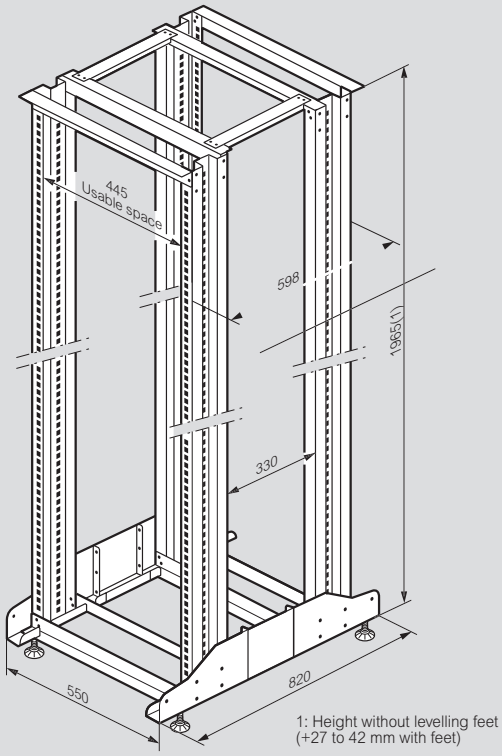
Dimensions (mm)

2-upright bati-rack Cat.No 0 463 95



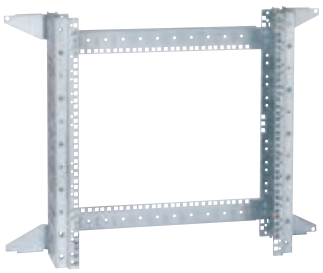
1: Without levelling feet (+27 to 42 mm with feet)

4-upright bati-rack Cat.No 0 463 96



1: Height without levelling feet (+27 to 42 mm with feet)

Wall-mounting rack for weatherproof cabinets

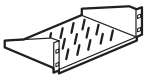


0 462 28

0 329 46

0 465 00

Pack	Cat.Nos	
		Wall-mounting VDI rack for Atlantic and Marina cabinets
		For integrating 19" VDI equipment in Atlantic cabinets (Cat.Nos 0 355 xx) and Marina cabinets, width 600 or 800 mm and depth 250 mm min. In cabinets width 400 mm, the rack enables 10" VDI equipment to be incorporated (p. 945) Can be fixed directly on the wall to create a wall-mounted rack (without cabinet) Self-locking cable ties and cable ties with tightening indicator (p. 953) can be fitted
1	0 462 27	6 U rack
1	0 462 28	12 U rack
1	0 462 29	16 U rack
		Cable entry for Atlantic cabinets width 600 or 800 mm and 19" equipment
		Cable entry
1	0 329 46	IP 43 cable entry plate with brush (cable feedthrough 385 x 30 mm)
		Fixed shelf
1	0 465 00	Projecting mounting on 2 x 19" uprights Fast screw-free assembly Max. load 15 kg Height 2 U Black RAL 9005



Wall-mounting rack for weatherproof cabinets

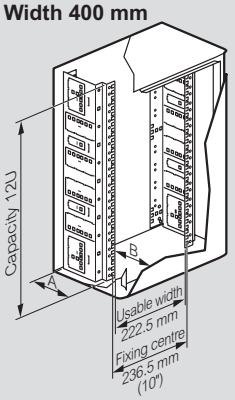
Rack mounting in weatherproof cabinets

Perforations in uprights: 9.5 x 9.5 mm

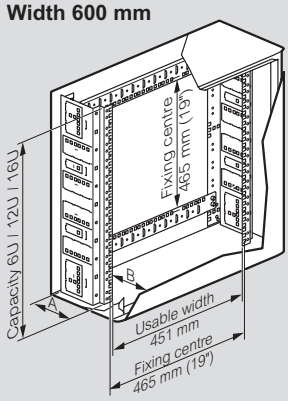
Rack Cat.Nos	Capacity	Cat.Nos	Dimensions H x W x D (mm)	Usable dim. under door A (mm)	Usable dim. under door B (mm)
Atlantic cabinets					
0 462 27	6 U	0 369 77	400 x 600 x 250	145	105
0 462 28	12 U	0 369 26	600 x 400 x 250	145	105
0 462 28	12 U	0 369 64	600 x 600 x 250	145	105
0 462 28	12 U	0 369 72	600 x 600 x 400	145	255
0 462 28	12 U	0 369 78	600 x 800 x 300	145	155
0 462 29	16 U	0 369 31	800 x 600 x 250	145	105
0 462 29	16 U	0 369 37	800 x 600 x 300	145	155
0 462 29	16 U	0 369 44	800 x 600 x 400	145	255
0 462 29	16 U	0 369 68	800 x 800 x 300	145	155
Marina cabinets					
0 462 28	12 U	0 362 55/75	600 x 400 x 250	150	100
0 462 29	16 U	0 362 61/81	800 x 600 x 300	150	150
Atlantic stainless steel food industry cabinets					
0 462 28	12 U	0 352 36	600 x 400 x 250	145	70(1)
0 462 29	16 U	0 352 38	800 x 600 x 300	145	120(2)

1: only 20mm in front of the 2 hinges
2: only 70mm in front of the 2 hinges

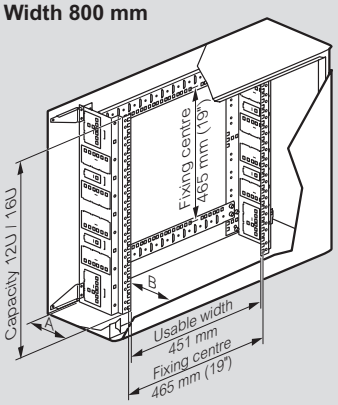
Width 400 mm



Width 600 mm

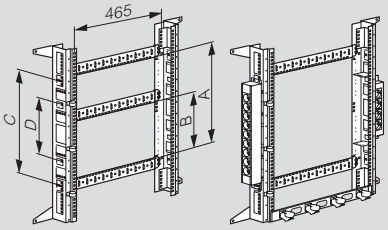


Width 800 mm



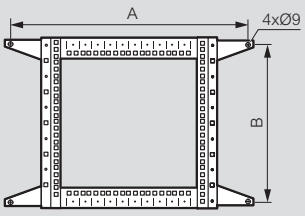
Depth adjusting aid with slides Cat.Nos 0 367 44/45 for Atlantic cabinets depth 300 and 400 mm

Rack fixing centres (mm)



Cat.Nos	Capacity	A	B	C	D
0 462 27	6 U	-	236.5	-	236.5
0 462 28	12 U	465	236.5	465	236.5
0 462 29	16 U	465	236.5	465	236.5

Wall fixing (mm)



Wall-mounting rack			
Cat.Nos	Capacity	A	B
0 462 27	6 U	725	325
0 462 28	12 U	725	525
0 462 29	16 U	725	725

Altis™ 19" freestanding cabinets IP 55 - IK 10

0 473 62 + 0 472 72 + 0 482 20

0 473 63 equipped

Altis 19" 42 U cabinets

Cabinets with framed glass door

Protection against dust, water, knocks in demanding environments - IP55 - IK10
For loads up to 720 kg on four 19" uprights
Reversible door with toughened glass window
4-point locking with double bar (key barrels Cat.No 0 347 89)
Removable rear panel
Cable entries at bottom (plates Cat.Nos 0 481 52/54/68/69/78/79)
Can be equipped with plinth (Cat.Nos 0 476 56/57/66/67/73/74/78/79/88/89)
19" uprights and side panels to be ordered separately
Grey RAL 7035

Pack	Cat.Nos	Dimensions Height (mm)	Width (mm)	Depth (mm)	Window dim. Height (mm)	Width (mm)	Weight (kg)
1	0 473 62	2000	600	600	1775	375	91.7
1	0 473 63	2000	800	600	1775	575	110.4
1	0 473 91	2000	600	800	1775	375	95.2
1	0 473 92	2000	800	800	1775	575	114.6

Set of 2 side panels

Pack	Cat.Nos	For cabinets Height (mm)	Depth (mm)
1	0 472 72	2000	600
1	0 472 75	2000	800

19" uprights

1 — 0 482 20 — Set of 2 42 U uprights (perforations 9.5 x 9.5 mm)
Supplied with mounting lugs and screws
Mounting in cabinets possible width 600 or 800 mm

Interior assembly kit - IP 55 for a 1000 kg/m³ load

1 — 0 476 83 — Set consisting of
- 4 brackets
- 2 joining feet
- 1 gasket

M 14 lifting rings

1 — 0 476 96 — Set of 4 rings
For a load of 1000 kg/m³

Cable ties and document holders

0 331 94
0 331 95
0 331 85

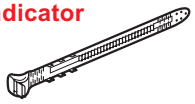
0 331 85

0 331 87

0 320 68

For grouping together and organising audio, computer, VDI, etc., cables
Re-usable (cables can be added)

Cable ties with tightening indicator



Wide cable ties with patented warning system to prevent overtightening cables
Release by pinching the head of the cable tie
Strap held in place after tightening

Pack	Cat.Nos	Width (mm)	Length (mm)	Tightening Ø max.	Tightening Ø min.
50	0 331 94	15	180	35	15
50	0 331 95	15	225	50	35
50	0 331 96	15	320	80	50

Self-locking cable ties

Repositionable cable ties
Double-sided textile with "loops" on one side and "hooks" on the other
Do not damage cables
Can be fixed using screws or rivets
Cat.Nos 0 366 44/46 (p. 425)

Pack	Cat.Nos	Colour	Width (mm)	Length (mm)	Tightening Ø max. (mm)
10	0 331 84	Black	16	150	35
10	0 331 85	Red	16	150	35
10	0 331 86	Green	16	150	35
10	0 331 87	Black	16	300	80
10	0 331 88	Red	16	300	80
10	0 331 89	Green	16	300	80

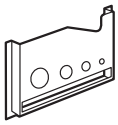
Self adhesive base

50 — 0 320 68 — For cable ties max. width 20 mm
Black - 38 x 38 x 9.4 mm
Possible central fixing with screw Ø4 mm

Self-adhesive document holders

Open - RAL 7035

Pack	Cat.Nos	Ext. dimensions Height (mm)	Width (mm)	Int. dimensions Height (mm)	Width (mm)	Depth (mm)
20	0 365 80	235	340	200	310	18
20	0 365 81	165	260	130	230	18



Closed - RAL 7035

1 — 0 365 82 — Rigid plastic - IP 50
Int. dimensions: 324 x 120 x 18 mm

Transparent

10 — 0 097 99 — Soft plastic, A4 - 305 x 220 mm

CABLING SYSTEM

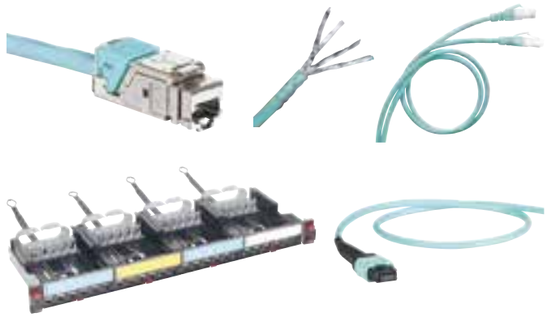
LCS³, 3 dimensions of excellence

LCS³ solutions for data networks perfectly address the key challenges for digital infrastructures: performance, scalability and efficiency.
Increased speed, high density, mixed solutions, modularity, optimised energy usage, time savings, simplified maintenance: users have much to gain from LCS³!

Performance

A complete range of copper and fiber optic solutions designed to deliver advanced network performance.

- 25 Gbps and 40 Gbps Ethernet applications (copper system)
- 40 Gbps, 100 Gbps and 400 Gbps Ethernet applications (fiber optic system)
- MTP* /MPO high density and up to Cat. 8 solutions (copper and fiber optic systems)



*MTP is a registered trademark of US Conec Ltd

Scalability

Innovative systems to facilitate wiring, installation and maintenance, and make future upgrades possible.

- Copper patch panels are easy to mix with Legrand fiber optic solutions
- Copper system sliding cassettes make maintenance easier
- HD modular panels offer the possibility to add splicing cassette with good coiling space

Efficiency

Copper and fiber optic solutions designed to enhance any infrastructure's efficiency.

- 48 ports (copper system) or 90 LC (fiber optic system) per unit for high density
- 144 LC per unit for ultra high density (copper and fiber optic systems)
- Modular panels offer the possibility to change modular blocks, blank panels, MTP* adaptors...

WARRANTY 25 YEARS PERFORMANCE

Confident in the quality of our solutions, we guarantee the applications and performance of our copper and fiber cabling systems for 25 years, thus offering what's really important to the customer: peace of mind!

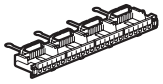
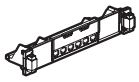
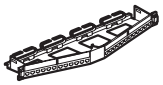
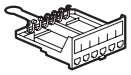
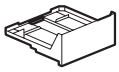
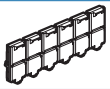
Subject to certain conditions:

- the application warranty provides assurance that all expected applications function on the Legrand structured cabling solutions for a period of 25 years,
- the performance warranty provides assurance of correct functioning of the Legrand structured cabling solutions for a period of 25 years.

Want to know more? Please consult us!

Legrand cabling system, LCS³ copper selection chart

patch panels and connectors

			Cat. 8	Cat. 6_A	Cat. 6	Cat. 5e
LCS³ 1U 19" FLAT PATCH PANELS						
	1U patch panels equipped with 24 connectors	STP	0 337 82	0 337 72	0 337 62	-
		UTP	-	0 337 70	0 337 60	0 337 50
		FTP	-	-	0 337 61	0 337 51
	1U patch panels to be equipped	With cassette	0 337 90	0 337 90	0 337 90	0 337 90
		Without cassette	0 337 91	0 337 91	0 337 91	0 337 91
	1U High Density patch panel to be equipped with 48 ports		-	0 337 93	0 337 93	0 337 93
LCS³ 1U 10" FLAT PATCH PANELS						
	1U 10"patch panels to be equipped	Up to 6 connectors	0 337 98	0 337 98	0 337 98	0 337 98
		Up to 12 connectors	0 337 99	0 337 99	0 337 99	0 337 99
LCS³ 1U 19" ANGLED PATCH PANELS						
	1U angled patch panel to be equipped		0 337 92	0 337 92	0 337 92	0 337 92
	1U High Density angled patch panel to be equipped		-	0 337 94	0 337 94	0 337 94
LCS³ RJ 45 CONNECTORS AND CASSETTES TO BE EQUIPPED						
	6 RJ 45 connectors for flat and angled panel	STP	0 337 85	0 337 75	0 337 65	-
		UTP	-	0 337 73	0 337 63	0 337 53
		FTP	-	-	0 337 64	0 337 54
	Cassette for flat panels to be equipped		0 337 55	0 337 55	0 337 55	0 337 55
	Cassette with shutters for flat panels to be equipped		0 337 66	0 337 66	0 337 66	0 337 66
	High Density cassette for flat panels to be equipped		-	0 337 95	0 337 95	0 337 95
ACCESSORIES						
	Cord guide		0 337 59			
	Blanking cassette		0 337 57			
	Port blanking modules		0 337 56			
	Cover		0 337 58			

Red catalogue numbers: New products

Legrand cabling system, LCS³ copper selection chart

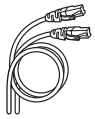
telephone patch panels, PoE switches and Wi-Fi Access Point

LCS³ 1U 19" TELEPHONE PATCH PANEL			
	1U telephone patch panel 50 ports 110 connect		0 335 79
PoE SWITCHES			
	Tablet PoE Gigabit switches - non manageable	**5 RJ 45 ports (4 PoE+ RJ 45 outputs) - EU power supply cord**	4 131 11
		5 RJ 45 ports (4 PoE+ RJ 45 outputs) - BS power supply cord	4 131 13
		6 ports (4 PoE+ RJ 45 outputs) - EU power supply cord	0 334 93
	19" PoE Gigabit switches - manageable	**10 RJ 45 ports (8 PoE+ RJ 45 outputs) - EU power supply cord**	0 334 90
		26 RJ 45 ports (24 PoE+ RJ 45 outputs) - EU power supply cord	0 334 92
PoE WI-FI ACCESS POINTS			
	PoE Wi-Fi Access Point - flush monting		0 336 10
	PoE Wi-Fi Access Point - surface monting		0 335 23

Red catalogue numbers: New products

Legrand cabling system, LCS³ copper selection chart

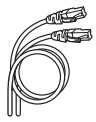
RJ 45 patch cords and user cords

RJ 45 PATCH CORDS AND USER CORDS					LCS³			
					Cat. 8	Cat. 6_A	Cat. 6	Cat. 5e
	LSZH	S/FTP	100 Ω impedance	0.5 m	-	0 515 50(1)	-	-
				1 m	-	0 518 70 0 518 66 0 515 51(1)	-	-
				2 m	0 337 03	0 518 71 0 518 67 0 515 52(1)	-	-
				3 m	0 337 04	0 518 72 0 518 68 0 515 53(1)	-	-
				5 m	-	0 518 73 0 518 69 0 515 54(1)	-	-
		F/UTP	100 Ω impedance	0.5 m	-	-	0 515 40(1)	-
				1 m	-	-	0 515 41(1) 0 518 54 0 518 50	-
				2 m	-	-	0 515 42(1) 0 518 55 0 518 51	-
				3 m	-	-	0 515 43(1) 0 518 56 0 518 52	-
				5 m	-	-	0 515 44(1) 0 518 57 0 518 53	-
		U/UTP	100 Ω impedance	0.5 m	-	-	0 515 45(1)	-
				1 m	-	- 0 518 78 0 518 74	0 515 46(1) 0 518 62 0 518 58	-
				2 m	-	- 0 518 79 0 518 75	0 515 47(1) 0 518 63 0 518 59	-
				3 m	-	- 0 518 80 0 518 76	0 515 48(1) 0 518 64 0 518 60	-
				5 m	-	- 0 518 81 0 518 77	0 515 49(1) 0 518 65 0 518 61	-

1: High Density

Legrand cabling system, LCS³ copper selection chart

RJ 45 patch cords and user cords, copper cables

RJ 45 PATCH CORDS AND USER CORDS (CONTINUED)					LCS³			
					Cat. 8	Cat. 6$_A$	Cat. 6	Cat. 5e
	PVC	S/FTP	100 Ω impedance	0.5 m	-	0 518 16	-	-
				1 m	-	0 517 80	-	-
				2 m	-	0 517 81	-	-
				3 m	-	0 517 82	-	-
				5 m	-	0 517 83	-	-
		SF/UTP	100 Ω impedance	1 m	-	-	0 517 52	-
				2 m	-	-	0 517 53	-
				3 m	-	-	0 517 54	-
				5 m	-	-	0 517 55	-
		F/UTP	100 Ω impedance	0.5 m	-	-	0 518 15	0 518 14
				1 m	-	-	0 517 62	0 516 40
				2 m	-	-	0 517 63	0 516 41
				3 m	-	-	0 517 64	0 516 42
				5 m	-	-	0 517 65	0 516 43
		U/UTP	100 Ω impedance	0.5 m	-	-	0 518 18	0 518 17
				1 m	-	0 518 82	0 517 72	0 516 36
				2 m	-	0 518 83	0 517 73	0 516 37
				3 m	-	0 518 84	0 517 74	0 516 38
				5 m	-	0 518 85	0 517 75	0 516 39
COPPER CABLES (305 M OR 500 M REELS)								
	LSZH	S/FTP	4 pairs	500 m	0 337 88	0 327 77(1)	-	-
			4 pairs (indoor/outdoor)	500 m	-	0 338 90	-	-
			2 x 4 pairs	500 m	-	0 327 79(1)	-	-
		SF/UTP	4 pairs	500 m	-	-	0 327 57	-
		F/UTP	4 pairs	305 m	-	-	0 328 56	0 327 52
				500 m	-	0 327 78	0 327 56	0 328 50
			2 x 4 pairs	500 m	-	0 328 78	0 327 76	-
		F/FTP	4 pairs	500 m	-	0 327 99	-	-
			2 x 4 pairs	500 m	-	0 327 98	-	-
		U/UTP	4 pairs	305 m	-	-	0 327 54	0 327 50
				500 m	-	0 327 87	0 328 61	-
		U/FTP	4 pairs	500 m	-	0 328 84	-	-
	PVC	SF/UTP	4 pairs	500 m	-	-	0 327 59	-
		F/UTP	4 pairs	305 m	-	-	0 328 57	0 327 53
				500 m	-	-	0 327 58	-
		U/UTP	4 pairs	305 m	-	-	0 327 55	0 327 51

1: Cat. 7 cable

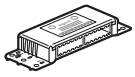
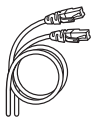
Legrand cabling system, LCS³ copper selection chart

RJ 45 sockets

WHITE MOSAIC RANGE RJ 45 SOCKETS			Cat. 6_A	Cat. 6	Cat. 5e
	1 module	STP	0 765 73	0 765 63	-
		UTP	0 765 71	0 765 61	0 765 51
		FTP	-	0 765 62	0 765 52
	2 modules	STP	0 765 76	0 765 66	-
		UTP	0 765 74	0 765 64	0 765 54
		FTP	-	0 765 65	0 765 55
	45° tilted	STP	0 765 08	0 765 07	-
		UTP	0 765 09	0 765 03	0 765 01
		FTP	-	0 765 05	-
	90° socket	STP	-	0 765 93	-
		FTP	-	0 765 92	-
	Antimicrobial	STP	0 765 84	0 765 83	-
		UTP	-	0 765 81	-
		FTP	-	0 765 82	-
	Controlled access	STP	0 765 99	0 765 96	-
		UTP	0 765 90	0 765 94	0 765 97
		FTP	-	0 765 95	0 765 98
	Green flap	STP	0 765 24	-	-
		UTP	0 765 26	-	-
		FTP	-	0 765 22	-
	Orange flap	STP	0 765 25	-	-
		UTP	0 765 27	-	-
		FTP	-	0 765 23	-
	2 RJ 45 sockets for trunking	FTP	-	0 765 46	0 765 42
		UTP	-	0 765 44	0 765 41
	Copper feedthrough	STP	0 786 28	-	-
		UTP	-	0 786 22	0 786 20
		FTP	-	0 786 23	0 786 21

Legrand cabling system, LCS³ copper selection chart

zone distribution boxes

ZONE DISTRIBUTION BOXES / CONSOLIDATION POINT					Cat. 6_A	Cat. 6	Cat. 5e
	Zone distribution box to be equipped		12 ports		0 337 96	0 337 96	0 337 96
			24 ports		0 337 97	0 337 97	0 337 97
RJ 45 CONNECTORS FOR ZONE DISTRIBUTION BOXES							
	6 RJ 45 connectors		STP		0 337 75	0 337 65	-
			UTP		0 337 73	0 337 63	0 337 53
			FTP		-	0 337 64	0 337 54
RJ 45 CORDS FOR ZONE DISTRIBUTION BOXES							
	S/FTP cords	100 Ω impedance	RJ 45/stripped	8 m	0 517 86	-	-
				15 m	0 517 87	-	-
				20 m	0 517 88	-	-
			RJ 45 - RJ 45	8 m	0 515 23	-	-
				15 m	0 515 24	-	-
				20 m	0 515 25	-	-
	U/UTP cords	100 Ω impedance	RJ 45/stripped	8 m	-	0 517 57	-
				15 m	-	0 517 58	-
				20 m	-	0 517 59	-
			RJ 45 - RJ 45	8 m	-	0 515 10	0 515 00
				15 m	-	0 515 11	0 515 01
				20 m	-	0 515 12	0 515 02
	F/UTP cords	100 Ω impedance	RJ 45/stripped	8 m	-	0 517 96	-
				15 m	-	0 517 97	-
				20 m	-	0 517 98	-
			RJ 45 - RJ 45	8 m	-	0 515 13	0 515 03
				15 m	-	0 515 14	0 515 04
				20 m	-	0 515 15	0 515 05

Legrand cabling system, LCS³ fiber optic selection chart

19" standard solutions

CONFIGURE YOUR LCS³ FIBER OPTIC SYSTEM

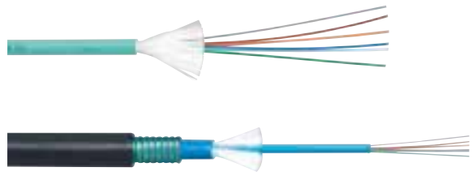
Example:

Modular drawer

+

Blocks

+



Cables

+

Cords

Pigtails (p. 966)

DRAWERS TO BE EQUIPPED (p. 1000)

FIBER OPTIC DRAWERS				FIBER OPTIC BLOCKS																	ACCESSORIES		
Size	Type	Cat.Nos	Max. number of blocks	Number of fibers	SC duplex		SC duplex HD		SC APC duplex	LC duplex			LC duplex HD		LC APC duplex	ST		4 MTP(1) feedthrough adaptor		Blanking plate	Copper block for 5 RJ 45	Cassette for pigtail	Coiling kit	Accessory for fan-out
					Multimode	Single-mode	Multimode	Single-mode	Single-mode	Multimode	Single-mode		Multimode	Single-mode	Single-mode	Multimode	Single-mode	Multimode	Single-mode					
19" modular	**FLAT DRAWERS - QUICK-FIX SYSTEM**																							
	To be equipped with fiber optic blocks	0 321 00	4	6	0 321 20	0 321 10	-	-	0 321 12	0 321 23 0 321 36 (aqua)	0 321 13		-	-	-	0 321 27	0 321 17	0 321 34	0 321 33	0 321 29	0 321 32	0 321 30	0 321 31	0 321 28
				12	-	-	0 321 21	0 321 11	-	0 321 24 0 321 37 (aqua)	0 321 14		-	-	0 321 16	-	-							
				24	-	-	-	-	-	-	-		0 321 25	0 321 15	-	-	-							
	ANGLED DRAWERS - QUICK-FIX SYSTEM																							
	To be equipped with fiber optic blocks	0 321 01	4	6	0 321 20	0 321 10	-	-	0 321 12	0 321 23 0 321 36 (aqua)	0 321 13		-	-	-	0 321 27	0 321 17	0 321 34	0 321 33	0 321 29	-	0 321 30	0 321 31	0 321 28
				12	-	-	0 321 21	0 321 11	-	0 321 24 0 321 37 (aqua)	0 321 14		-	-	0 321 16	-	-							
				24	-	-	-	-	-	-	-		0 321 25	0 321 15	-	-	-							

EQUIPPED DRAWERS (p. 1000)

Size	Type	Capacity (fibers)	SC duplex		SC APC duplex	LC duplex		LC APC duplex	ST
			Multimode	Single-mode	Single-mode	Multimode	Single-mode	Single-mode	Multimode
19" modular	**SLIDING**								
	Quick-Fix system	24	0 321 02	0 321 06	-	-	-	-	-
		48	-	-	-	0 321 04	-	-	-
19"	**SLIDING**								
	Screw fixing	24	0 321 61	0 321 64	0 321 66	-	-	-	0 321 63
		48	-	-	-	0 321 62	0 321 65	0 321 67	-
	ROTATING								
	Screw fixing	36	0 321 72	0 321 74	-	-	-	-	-
		72	-	-	-	0 321 71	0 321 73	-	-

1 : MTP is a registered trademark of US Conec Ltd

Legrand cabling system, LCS³ fiber optic selection chart

19" High Density solutions

CONFIGURE YOUR LCS³ HIGH DENSITY FIBER OPTIC SYSTEM

Example:

Modular panel

+

Cassettes

+

Links (p. 970)

+

Cords

Pigtails (p. 966)

HIGH DENSITY PANELS TO BE EQUIPPED (p. 1000)

HIGH DENSITY PANELS																								ACCESSORIES	
Size	Type	Cat.Nos			Capacity for 1U	Cat.Nos	Number of fibers	SC		SC HD		SC APC	LC			LC HD		LC APC	ST		8 MTP(1) feedthrough adaptor		Blanking cassette	RJ 45 copper cassette to be equipped	Cable management accessory	Front management HD modular panel
		1 U	2 U	4 U				Multimode	Single-mode	Multimode	Single-mode	Single-mode	Multimode		Single-mode	Multimode	Single-mode	Single-mode	Multimode	Single-mode	Multimode	Single-mode				
High Density 19" modular	To be equipped with cassettes to be equipped with fiber optic blocks	0 321 75	0 321 76	0 321 77	CASSETTES TO BE EQUIPPED		FIBER OPTIC BLOCKS																			
					4	0 321 41	6	0 321 20 (duplex)	0 321 10 (duplex)	-	-	0 321 12	0 321 23 (duplex) / 0 321 36 (duplex-aqua)		0 321 13	-	-	-	0 321 27	0 321 17	0 321 18	0 321 19	0 337 57	0 337 55 (to be equipped with copper connectors)	0 321 46 (for 1 U panel only, supplied for 2 U and 4 U panels)	0 321 78 (for 1 U panel only, supplied for 2 U and 4 U panels)
							12	-	-	0 321 21 (duplex)	0 321 11 (duplex)	-	0 321 24 (duplex) / 0 321 37 (duplex-aqua)		0 321 14 (duplex)	-	-	0 321 16	-	-						
							24	-	-	-	-	-	-		-	0 321 25 (duplex)	0 321 15 (duplex)	-	-	-						
	To be equipped with pre-equipped cassettes (supplied with set of 6 or 12 OM3 pigtails)				PRE-EQUIPPED CASSETTES		PRETERMINATED (A/C POLARITY)																			
					4	-	12	-	-	0 321 43 (OM4)	0 321 45 (OS2)	-	0 321 48 (OM4)		0 321 49 (OS2)	-	-	-	-	-	-	-	0 337 57	0 337 55 (to be equipped with copper connectors)	0 321 46 (for 1 U panel only, supplied for 2 U and 4 U panels)	0 321 78 (for 1 U panel only, supplied for 2 U and 4 U panels)
							24	-	-	-	-	-	-		-	0 321 42 (OM4)	0 321 44 (OS2)	-	-	-						
							WITH FIBER OPTIC BLOCKS + PIGTAILS																			
							6	-	-	0 321 80 (duplex-OM3)	0 321 84 (duplex-OM3)	-	-		-	0 321 81 (duplex-OM3)	0 321 85 (duplex-OM3)	-	-	-						
							12	-	-	0 321 82 (duplex-OM3)	0 321 86 (duplex-OM3)	-	-		-	0 321 83 (duplex-OM3)	0 321 87 (duplex-OM3)	-	-	-						
	To be equipped with slim cassettes				SUPPORT FOR SLIM CASSETTES		PRETERMINATED - SLIM CASSETTES (UNIVERSAL POLARITY)																			
					4	0 321 38	12	-	-	-	-	-	-		-	0 321 69 (OM4) / 0 321 68 (OM3)	0 321 70 (OS2)	-	-	-	-	-	0 337 39	0 337 55 (to be equipped with copper connectors)	0 321 46 (for 1 U panel only, supplied for 2 U and 4 U panels)	0 321 78 (for 1 U panel only, supplied for 2 U and 4 U panels)
Zero-U kit	To be equipped with slim cassettes	0 321 03			SUPPORT FOR SLIM CASSETTES		PRETERMINATED - SLIM CASSETTES (UNIVERSAL POLARITY)																			
					1	0 321 38	12	-	-	-	-	-	-		-	0 321 69 (OM4) / 0 321 68 (OM3)	0 321 70 (OS2)	-	-	-	-	-	0 337 39	-	-	-
	To be equipped with pre-equipped cassettes (supplied with set of 6 or 12 OM3 pigtails)				PRE-EQUIPPED CASSETTES		PRETERMINATED (A/C POLARITY)																			
					1	-	12	-	-	-	-	-	-		-	0 321 48 (OM4)	0 321 49 (OS2)	-	-	-	-	-	-	0 337 55 (to be equipped with copper connectors)	-	-
							24	-	-	-	-	-	-		-	0 321 42 (OM4)	0 321 44 (OS2)	-	-	-						
							WITH FIBER OPTIC BLOCKS + PIGTAILS																			
							6	-	-	0 321 80 (duplex-OM3)	0 321 84 (duplex-OM3)	-	-		-	0 321 81 (duplex-OM3)	0 321 85 (duplex-OM3)	-	-	-						
							12	-	-	0 321 82 (duplex-OM3)	0 321 86 (duplex-OM3)	-	-		-	0 321 83 (duplex-OM3)	0 321 87 (duplex-OM3)	-	-	-						

1 : MTP is a registered trademark of US Conec Ltd

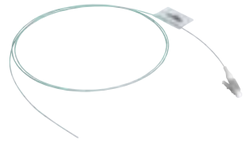
Red catalogue numbers: New products

Red catalogue numbers: New products

Legrand cabling system, LCS³ fiber optic selection chart

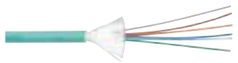
pigtails and cables

PIGTAILS (p. 1003)



Length (m)	OS2 - 9/125 µm					OM3 - 50/125 µm			OM4 - 50/125 µm			Heat-shrinkable sleeve	50/125 and 62.5/125 µm glue-on connectors		Fan-out units	
	SC - APC	LC - APC	SC - UPC	LC - UPC	ST - UPC	SC	LC	ST	SC	LC	ST		SC	LC	6 fibers	12 fibers
1	0 322 40	0 322 42	0 322 41	0 322 43 0 326 24 (set of 12 pigtails)	0 322 44	0 322 20	0 322 21 0 326 26 (set of 12 pigtails)	0 322 22	0 322 30	0 322 31 0 326 71 (set of 12 pigtails)	0 322 32	0 327 44 (pack of 50 sleeves)	0 331 47	0 331 00	0 330 48	0 330 49
2	0 322 45	0 322 48	0 322 46	0 322 47	-	0 322 23	0 322 24	-	0 322 33	0 322 34	-					

CABLES (p. 997)

Drum 2000m except information	OS2 - 9/125 µm Number of fibers					OM3 - 50/125 µm Number of fibers					OM4 - 50/125 µm Number of fibers				
	4	6	8	12	24	4	6	8	12	24	4	6	8	12	24
Tightbuffer LSZH sheath Indoor/Outdoor 				0 325 50			0 325 10		0 325 11	0 325 52		0 326 65 (drum of 500m) 0 326 66 (drum of 1000m)		0 325 67 (drum of 1000m)	0 326 68 (drum of 1000m)
Loose LSZH sheath Indoor/Outdoor	0 325 02	0 325 12	0 325 03	0 325 14 (Dca) 0 325 26 (Cca)	0 325 51 (Dca) 0 325 18 (Cca)	0 325 37		0 325 38	0 325 39	0 325 53	0 325 43		0 325 44	0 325 45 (Dca) 0 325 49 (Cca)	0 325 19
Loose PE sheath corrugated steel OUTDOOR CORRUGATED STEEL	0 325 23	0 325 13	0 325 24	0 325 15	0 325 25			0 325 40	0 325 41	0 325 42	0 325 46		0 325 47	0 325 48	

Other configurations
On request

Euroclasses
see p. 1024

Red catalogue numbers: New products

Red catalogue numbers: New products

Legrand cabling system, LCS³ fiber optic selection chart

patch cords

PATCH CORDS (p. 1004)

Length (m)	OS2 - 9/125 µm								OM3 - 50/125 µm			OM4 - 50/125 µm					
	Core™ fiber patch cords			Ultra™ fiber patch cords					Core™ fiber patch cords			Core™ fiber patch cords			Ultra™ fiber patch cords		
	SC/SC duplex	SC/LC duplex	LC/LC duplex	SC/SC duplex	SC/LC duplex	LC/LC duplex	LC/LC Uniboot duplex		SC/SC duplex	SC/LC duplex	LC/LC duplex	SC/SC duplex	SC/LC duplex	LC/LC duplex	SC/SC duplex	LC/LC duplex	LC/LC Uniboot duplex
0.5	-	-	0 326 28	-	-	-	-		-	-	-	-	-	-	-	0 326 33	0 326 95
1	0 326 00	0 326 03	0 326 06	0 325 27	0 325 30	0 325 33	0 326 86		0 326 09	0 326 12	0 326 15	0 322 60	0 322 63	0 322 66	0 326 30	0 326 34	0 326 96
2	0 326 01	0 326 04	0 326 07	0 325 28	0 325 31	0 325 34	0 326 87		0 326 10	0 326 13	0 326 16	0 322 61	0 322 64	0 322 67	0 326 31	0 326 35	0 326 97
3	0 326 02	0 326 05	0 326 08	0 325 29	0 325 32	0 325 35	0 326 88		0 326 11	0 326 14	0 326 17	0 322 62	0 322 65	0 322 68	0 326 32	0 326 36	0 326 98
5	-	-	0 326 29	-	-	0 325 36	0 326 89		-	-	-	-	-	-	-	0 326 37	0 326 99
10	-	-	-	-	-	-	0 326 92		-	-	-	-	-	-	-	-	-

legrand

Legrand cabling system, LCS³ fiber optic selection chart

simplex preterminated links and High Density preterminated links

LCS³ SIMPLEX PRETERMINATED LINKS (p. 998)

Length (m)	Tight-buffer OM3				
	6 SC - 6 SC	12 SC - 12 SC		6 LC - 6 LC	12 LC - 12 LC
10	-	1 320 21		1 320 41	1 320 61
20	-	1 320 22		1 320 42	1 320 62
30	1 320 03	1 320 23		1 320 43	1 320 63
40	1 320 04	1 320 24		-	-
50	1 320 05	-		1 320 45	1 320 65
60	1 320 06	-		1 320 46	1 320 66
70	1 320 07	1 320 27		1 320 47	1 320 67
80	1 320 08	1 320 28		1 320 48	-
90	1 320 09	1 320 29		1 320 49	-
100	1 320 10	1 320 30		1 320 50	1 320 70
120	1 320 12	1 320 32		1 320 52	-
140	1 320 14	1 320 34		1 320 54	1 320 74
160	1 320 16	1 320 36		1 320 56	-
180	-	-		1 320 58	1 320 78
200	1 320 20	-		1 320 60	1 320 80

LCS³ HIGH DENSITY PRETERMINATED LINKS (p. 999)

Length (m)	MTP(1) OS2	MTP(1) OM3
	MTP(1) - MTP(1) 12 fibers	MTP(1) - MTP(1) 12 fibers
10	0 324 51	0 324 41
20	0 324 52	0 324 42
30	0 324 53	0 324 43
40	0 324 54	0 324 44
50	0 324 55	0 324 45

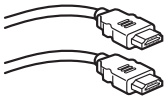
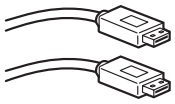
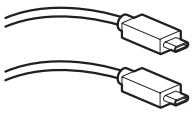
1: MTP is a registered trademark of US Conec Ltd

OM4 and OM5 High Density preterminated links
On request

OM4 and OM5 simplex preterminated links
On request

Legrand cabling system, LCS³ audio/video selection chart

cords

CORDS FOR AUDIO/VIDEO AND DATA APPLICATIONS				
 HDMI Cords	**High Speed HDMI cords with Ethernet**		**1 m**	0 517 32/0 398 51[1]
			2 m	0 517 33/0 398 52[1]
			3 m	0 517 34/0 398 53[1]
			5 m	0 517 27/0 398 54[1]
			7 m	0 517 35/0 398 55[1]
	Standard HDMI cords with Ethernet		**10 m**	0 517 20
			15 m	0 517 36
 USB 3.0 Type-A male / Type-A male cords	**USB data cords**	**USB 3.0 Type-A male / Type-A male cords**	**2 m**	0 514 01
 USB 3.1 male Type-C / male Type-C cords		**USB 3.1 male Type-C / male Type-C cords**	**1 m**	0 514 10/0 398 63[1]
		USB 2.0 male Type-C / male USB Type-A cords	**2 m**	0 514 11/0 398 64[1]
	Adaptors	**USB 3.1 male Type-C / HDMI female**		0 514 12/0 398 66[1]

1: Supplied in a plastic bag with hook

Mosaic and Arteor audio/video sockets
p. 1006-1007

Legrand cabling system, LCS³ audio/video selection chart

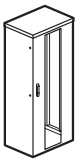
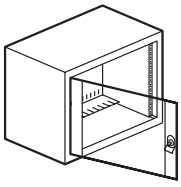
cables

RJ 45 CABLES			
	Cat. 6 U/UTP	0,5 m	0 518 18
		1 m	0 517 72
		2 m	0 517 73/0 398 74(1)
		3 m	0 517 74
		5 m	0 517 75/0 398 75(1)

1: Supplied in a plastic bag with hook

Legrand cabling system, LCS³ enclosures selection chart

server cabinets, side panels, cabling and wall-mounting cabinets

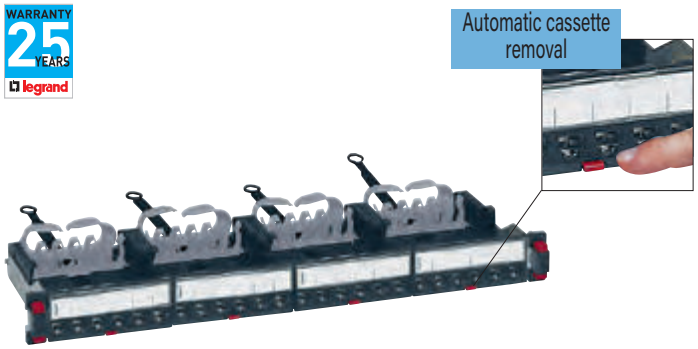
LCS³ 19" SERVER CABINETS (WITHOUT SIDE PANELS)			Depth 1000 mm	Depth 1200 mm
	42 U	Width 600 mm	4 464 00	4 464 01
	42 U	Width 800 mm	4 464 02	4 464 03
	47 U	Width 600 mm	4 464 04	4 464 05
	47 U	Width 800 mm	4 464 06	4 464 07
LCS³ 19" SERVER CABINETS (WITHOUT SIDE PANELS) - WITH AIR FLOW MANAGEMENT				
	42 U	Width 600 mm	4 464 10	4 464 11
	42 U	Width 800 mm	4 464 12	4 464 13
	47 U	Width 600 mm	4 464 14	4 464 15
	47 U	Width 800 mm	4 464 16	4 464 17
LCS³ 19" SIDE PANELS - SET OF 2, INCLUDING PLINTHS				
	42 U	-	4 464 20	4 464 21
	47 U	-	4 464 22	4 464 23
LCS³ 19" SERVER CABINETS - FLAT PACK (WITH SIDE PANELS)				
	42 U	Width 800 mm	4 464 25	4 464 26
LCS³ 19" CABLING CABINETS			Depth 800 mm	Depth 1000 mm
	24 U	Width 800 mm	4 464 30	4 464 31
	42 U	Width 800 mm	4 464 32	4 464 33
	47 U	Width 800 mm	4 464 34	4 464 35
LCS³ 19" WALL-MOUNTING CABINETS			Depth 525 mm	Depth 625 mm
	6 U	Width 600 mm	4 461 80	-
	9 U	Width 600 mm	4 461 81	4 461 82
	12 U	Width 600 mm	4 461 83	4 461 84
	15 U	Width 600 mm	4 461 85	4 461 86
	21 U	Width 600 mm	-	4 461 87

Legrand cabling system, LCS³ Power Distribution Units selection chart

BASIC POWER DISTRIBUTION UNITS (PDUS)						
	IEC 60320 standard	6 sockets (C19)	Aluminium 1U 19"	3.7 kW	Cordless	6 468 07
		10 sockets (C13)	Aluminium 1U 19"	3.7 kW	Cordless	6 468 44
		12 sockets (C13)	Aluminium 1U 19"	3.7 kW	3 m cord	6 468 15
		8 sockets (6 C13 + 2 C19)	Aluminium 1U 19"	3.7 kW	3 m cord	6 468 09
	French standard	4 sockets	Aluminium 1U 10"	3.7 kW	1 m cord	6 468 00
		6 sockets	Aluminium 19" 1U	3.7 kW	3 m cord	6 468 05
		6 sockets + MCB	Aluminium 1U 19"	3.7 kW	3 m cord	6 468 30
		6 sockets + RCBO	Aluminium 1U 19"	3.7 kW	3 m cord	6 468 33
		6 sockets + surge protection module	Aluminium 1U 19"	3.7 kW	3 m cord	6 468 35
		8 sockets	Aluminium 1U 19"	3.7 kW	3 m cord	6 468 22
		9 sockets	Aluminium 1U 19"	3.7 kW	3 m cord	6 468 10
		9 red tamperproof sockets	Aluminium 1U 19"	3.7 kW	3 m cord	6 468 11
		9 sockets + power indicator	Aluminium 1U 19"	3.7 kW	3 m cord	6 468 20
	German standard	4 sockets	Aluminium 1U 10"	3.7 kW	1 m cord	6 468 01
		6 sockets	Aluminium 1U 19"	3.7 kW	3 m cord	6 468 06
		6 sockets + MCB	Aluminium 1U 19"	3.7 kW	3 m cord	6 468 31
		6 sockets + surge protection module	Aluminium 1U 19"	3.7 kW	3 m cord	6 468 36
		8 sockets	Aluminium 1U 19"	3.7 kW	3 m cord	6 468 23
		9 sockets	Aluminium 1U 19"	3.7 kW	3 m cord	6 468 12
		9 sockets + power indicator	Aluminium 1U 19"	3.7 kW	3 m cord	6 468 21
		9 sockets + MCB	Aluminium 2U 19"	3.7 kW	3 m cord	6 468 32
	British standard	6 sockets	Aluminium 1U 19"	3 kW	3 m cord	6 468 24
		8 sockets	Aluminium 1U 19"	3 kW	3 m cord	6 468 13
	Swiss standard	12 sockets (T13)	Aluminium 1U 19"	3.7 kW	3 m cord	6 468 18
		12 sockets (T23)	Aluminium 1U 19"	3.7 kW	3 m cord	6 468 19

Legrand cabling system, LCS³ cat. 8

flat patch panels - equipped and to be equipped



0 337 82

Equipped with new-generation Quick-Fix for automatic (screwless) mounting on enclosure and cabinet uprights
Universal mounting on all cabinets or enclosures
Panels ensure automatic earthing of each connector
Equipped with 4 bundles guides fixed at the rear

Pack	Cat.Nos	**Cat. 8 patch panel equipped with 24 RJ 45 connectors**
		19" panel - 1U Equipped with 4 cassettes of 6 pre-fitted cat. 8 LCS³ RJ 45 connectors Automatic cassette removal by simple pressure Each connector can be removed individually T568A and B marking with colour codes Equipped with rear cable guide to hold cable during maintenance Supplied with coloured labels Compliant with ISO/IEC 11 801, EN 50173 and ANSI/TIA 568 standards
1	0 337 82	**Flat panel** STP panel - Metal shielding - PoE++
		Patch panels 24 connectors - to be equipped 19" panels - 1U Equipped with rear cable guide to hold cables during maintenance
1	0 337 90	**Flat panel with empty cassettes to be equipped with connectors** With 4 automatically removable cassettes to be equipped with cat. 5e to cat. 8 RJ 45 connectors
1	0 337 91	**Flat panel without connectors to be equipped with cassettes** Can take a maximum of 4 automatically removable cassettes: - copper to be equipped with cat. 5e to cat. 8 RJ 45 connectors - fiber optic

Legrand cabling system, LCS³ cat. 8

angled patch panel to be equipped with connectors

0 337 92

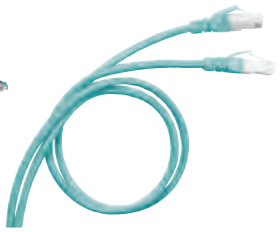
Pack	Cat.Nos	**Angled patch panel with 24 connectors**
		19" panel - 1U Equipped with new-generation Quick-Fix for automatic mounting (screwless) on cabinet and enclosure uprights Universal mounting on all cabinets or enclosures Panels ensure automatic earthing of each connector Equipped with rear cable guide to hold cables during maintenance
1	0 337 92	**Angled patch panel to be equipped with connectors** Can take up to 24 cat. 5e to cat. 8 RJ 45 connectors

Legrand cabling system, LCS³ cat. 8

connector, cords and cables

0 337 85

0 337 88



0 337 03

Pack	Cat.Nos	
		Cat. 8 RJ 45 connector for flat or angled STP panel
6	0 337 85	Set of 6 STP RJ 45 Quick-connect connectors (no tools required) T568A and B marking with colour codes Compliant with ISO/IEC 11 801, EN 50173 and ANSI/TIA 568 standards To be installed in cassettes for flat panels or directly in an angled panel or a zone distribution box to be equipped
		Cat. 8 cable for local networks
		Performance 2000 MHz Cable with 4 twisted pairs 100 Ω LSZH sheath: zero halogen EIA/TIA colour code Compliant with ISO/IEC 11 801, EN 50173 and ANSI/TIA 568 standards Product conforming to the CPR regulations
500[1]	0 337 88	**S/FTP - 4 pairs** Length 500 m, supplied on a drum Weight 45 kg
		Cat. 8 RJ 45 patch cords
	LSZH RAL 6027	RJ 45/RJ 45 - straight Compliant with ISO/CEI 11801 and EIA/TIA 568 standards
		Shielded S/FTP, impedance 100 Ω
1	0 337 03	Length 2 m
1	0 337 04	Length 3 m
		Marking kit
200	0 518 90	Kit of 200 coloured rings for marking RJ 45 cords 4 colors (green/red/yellow/blue) 50 pieces of each color Rings to be clipped onto the patch cords

1: in metre(s)

Legrand cabling system, LCS³ cat. 8

accessories

0 337 56

0 337 59

0 337 55

0 337 66

0 337 57

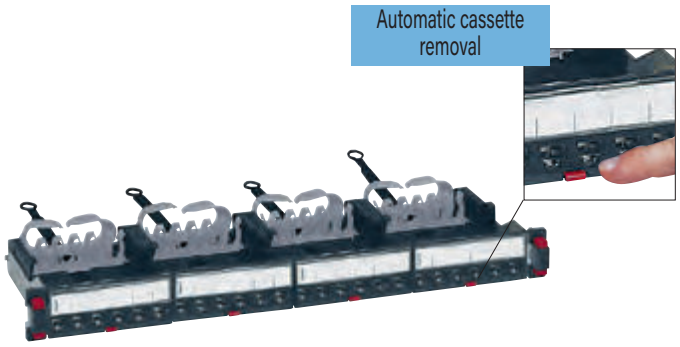
0 337 58

Pack	Cat.Nos	
		Common accessories for flat and angled panels
		Port blanking modules
10	0 337 56	Separable blanking plate For covering 1 to 6 ports or 1 to 12 ports individually (High Density solutions)
		Cord management
1	0 337 59	2 cable guides to be clipped onto new-generation Quick-Fix Provide side cord management Label-holder for identification
		Specific accessories for flat panels
		Cassette for flat panels to be equipped
1	0 337 55	Removable empty cassette to be equipped with connectors, takes 6 cat. 5e to cat. 8 connectors Can be removed by simple pressing on the cassette, for ease of installation and maintenance For equipping flat panels
		Cassette with shutters for flat panels to be equipped
1	0 337 66	Removable empty cassette to be equipped with connectors, takes 6 cat. 5e to cat. 8 connectors Can be removed by simple pressing on the cassette, for ease of installation and maintenance Equipped with 6 individual shutters to protect RJ 45 connectors contacts For equipping flat panels
		Blanking cassette
1	0 337 57	To be used to fill gaps in the panel
		Specific accessory for angled panels
		Cover
1	0 337 58	Optimises air flow management in the enclosure

Red catalogue numbers: New products

Legrand cabling system, LCS³ cat. 6$_A$

flat patch panels - equipped



0 337 72

Equipped with new-generation Quick-Fix for automatic (screwless) mounting on enclosure and cabinet uprights
Universal mounting on all cabinets or enclosures
Panels ensure automatic earthing of each connector
Equipped with 4 bundles guides fixed at the rear

Pack	Cat.Nos	**Cat. 6$_A$ patch panels equipped with 24 RJ 45 connectors**
		19" panel - 1U Equipped with 4 cassettes of 6 pre-fitted cat. 6$_A$ LCS³ RJ 45 connectors Automatic cassette removal by simple pressure Each connector can be removed individually T568A and B marking with colour codes Equipped with rear cable guide to hold cables during maintenance Supplied with coloured labels Compliant with ISO/IEC 11 801, EN 50173 and ANSI/TIA 568 standards
		Flat panels 24 RJ 45 connectors - 1U - PoE++
1	0 337 70	UTP
1	0 337 72	STP

Legrand cabling system, LCS³ cat. 6$_A$

flat patch panels, to be equipped

0 337 90

0 337 98

0 337 99

Equipped with new-generation Quick-Fix for automatic (screwless) mounting on enclosure and cabinet uprights
Universal mounting on all cabinets or enclosures
Panels ensure automatic earthing of each connector
Equipped with 4 bundles guides fixed at the rear

Pack	Cat.Nos	**19" flat patch panels - to be equipped**
		19" panels - 1U Equipped with rear cable guide to hold cables during maintenance Automatic cassette removal by simple pressure Each connector can be removed individually
		Flat panel with empty cassettes to be equipped with connectors
1	0 337 90	Equipped with 4 automatically removable cassettes, takes up to 24 cat. 5e to cat. 8 RJ 45 connectors
		Empty flat panel to be equipped with cassettes
1	0 337 91	Takes a maximum of 4 automatically removable cassettes: - copper to be equipped with cat. 5e to cat. 8 RJ 45 connectors - fiber optic
		High Density flat panel with empty cassettes to be equipped with connectors
1	0 337 93	Equipped with 4 High Density cassettes, takes up to 48 cat. 5e to cat. 6$_A$ RJ 45 connectors
		10" flat patch panels - to be equipped
		10" panels - 1U
1	0 337 98	Takes up to 6 cat. 5e to cat. 8 RJ 45 connectors
1	0 337 99	Takes up to 12 cat. 5e to cat. 6$_A$ RJ 45 connectors

Legrand cabling system, LCS³ cat. 6$_A$

angled patch panels to be equipped, connectors

0 337 92

0 337 94

0 337 75

PoE+ Third Party certified

Equipped with new-generation Quick-Fix for automatic (screwless) mounting on enclosure and cabinet uprights
Universal mounting on all cabinets or enclosures
Panels ensure automatic earthing of each connector
Equipped with 4 concentric strand guides fixed at the rear

Pack	Cat.Nos	Angled patch panels - to be equipped
		19" panels - 1U
1	0 337 92	**Angled patch panel to be equipped with connectors** Takes up to 24 cat. 5e to cat. 8 RJ 45 connectors
1	0 337 94	**High Density angled panel to be equipped with connectors** Takes up to 48 cat. 5e to cat. 6$_A$ RJ 45 connectors

Pack	Cat.Nos	Cat. 6$_A$ High Density RJ 45 connectors
		Quick-connect connection (no tools required) T568A and B marking with colour codes Compliant with ISO/IEC 11 801, EN 50173 and ANSI/TIA 568 standards To be installed in cassettes for flat panels or directly in an angled panel or a zone distribution box to be equipped
6	0 337 73	UTP
6	0 337 75	STP

Legrand cabling system, LCS³ cat. 6$_A$

accessories

0 337 56

0 337 59

0 337 55

0 337 66

0 337 57

0 337 58

Pack	Cat.Nos	Common accessories for flat and angled panels
10	0 337 56	**Port blanking modules** Separable blanking plate For covering 1 to 6 ports or 1 to 12 ports individually (High Density solutions)
1	0 337 59	**Cord management** 2 cable guides to be clipped onto new-generation Quick-Fix Provide side cord management Label-holder for identification

Pack	Cat.Nos	Specific accessories for flat panels
1	0 337 55	**Cassette for flat panels to be equipped** Removable empty cassette to be equipped with connectors, takes 6 cat. 5e to cat. 8 connectors Can be removed by simple pressing on the cassette, for ease of installation and maintenance For equipping flat panels
1	0 337 66	**Cassette with shutters for flat panels to be equipped** Removable empty cassette to be equipped with connectors, takes 6 cat. 5e to cat. 8 connectors Can be removed by simple pressing on the cassette, for ease of installation and maintenance Equipped with 6 individual shutters to protect RJ 45 connectors contacts For equipping flat panels
1	0 337 95	**High Density cassette for flat panels to be equipped** Removable empty cassette to be equipped with connectors, takes 12 cat. 5e to cat. 6$_A$ connectors Can be removed by simple pressing on the cassette, for ease of installation and maintenance For equipping flat panels
1	0 337 57	**Blanking cassette** To be used to fill gaps in the panel

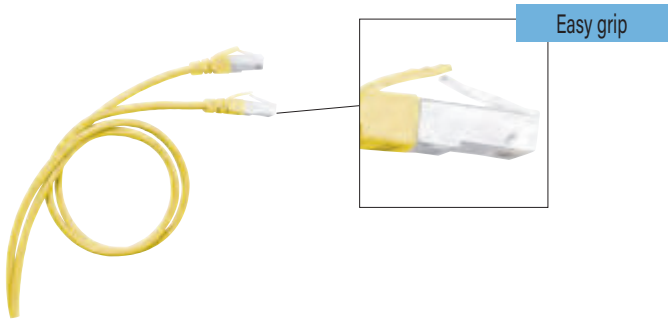
Pack	Cat.Nos	Specific accessory for angled panels
1	0 337 58	**Cover** Optimises air flow management in the enclosure

Red catalogue numbers: New products

Legrand cabling system, LCS³ cat. 6_A and cat. 7

cables and cords

0 327 77



0 517 82

Pack	Cat.Nos	Cat. 6_A cables for local networks
		Performance 500 MHz 4 twisted pair cables, 100 Ω LSZH sheath: zero halogen ANSI/TIA colour code Compliant with ISO/IEC 11 801, EN 50173 and ANSI/TIA 568 standards Products conforming to the CPR regulations
	LSZH	
		U/UTP - 4 pairs
500¹	0 327 87	Length 500 m. Supplied on reel. Weight 35 kg Euroclass Dca
500¹	0 328 28	Length 500m. Supplied on reel. Weight 36 kg Euroclass Cca
500¹	0 328 38	Length 500m. Supplied on reel. Weight 33 kg Euroclass B2ca
		F/UTP - 4 pairs
500¹	0 327 78	Length 500 m. Supplied on reel. Weight 29.2 kg Euroclass Dca
		F/UTP - 2 x 4 pairs
500¹	0 328 78	Length 500 m. Supplied on reel. Weight 58 kg Euroclass Dca
		F/FTP - 4 pairs
500¹	0 328 83	Length 500 m. Supplied on reel. Weight 32 kg Euroclass Cca
500¹	0 327 99	Length 500 m. Supplied on reel. Weight 26 kg Euroclass Dca
		F/FTP - 2 x 4 pairs
500¹	0 327 98	Length 500 m. Supplied on reel. Weight 62 kg Euroclass Dca
		U/FTP - 4 pairs
500¹	0 328 84	Length 500 m. Supplied on reel. Weight 39 kg Euroclass Cca
		Cat. 7 cables for local networks
		Performance 600 MHz 4 twisted pair cables, 100 Ω LSZH sheath: zero halogen ANSI/TIA colour code Compliant with ISO/IEC 11 801 and EN 50173 standards Products conforming to the CPR regulations
	LSZH	
		S/FTP - 4 pairs
500¹	0 328 82	Length 500 m. Supplied on reel. Weight 33 kg Euroclass B2 ca
500¹	0 328 49	Length 500m. Supplied on reel. Weight 31 kg Euroclass Cca
500¹	0 327 77	Length 500 m. Supplied on reel. Weight 30 kg Euroclass Dca
		S/FTP - 2 x 4 pairs
500¹	0 327 79	Length 500 m. Supplied on reel. Weight 63 kg Euroclass Dca
		Cat. 7 indoor/outdoor cable for local networks
		Performance 600 MHz 4 twisted pair cable, 100 Ω LSZH sheath: zero halogen ANSI/TIA colour code Compliant with ISO/IEC 11 801 and EN 50173 standards Product conforming to the CPR regulations
	LSZH	
		S/FTP - 4 pairs - indoor/outdoor
500¹	0 338 90	Length 500 m. Supplied on reel. Weight 26 kg Euroclass Eca

Pack	Cat.Nos	Cat. 6_A RJ 45 patch cords and user cords
		RJ 45/RJ 45 - flat With special "easy grip" plug Compliant with ISO/IEC 11 801, EN 50173 and ANSI/TIA 568 standards
	PVC	
		Unscreened U/UTP, impedance 100 Ω
1	0 518 82	Length 1 m
1	0 518 83	Length 2 m
1	0 518 84	Length 3 m
1	0 518 85	Length 5 m
	LSZH	
1	0 518 78	Length 1 m
1	0 518 79	Length 2 m
1	0 518 80	Length 3 m
1	0 518 81	Length 5 m
1	0 518 74	Length 1 m
1	0 518 75	Length 2 m
1	0 518 76	Length 3 m
1	0 518 77	Length 5 m
	PVC	
		Shielded S/FTP, impedance 100 Ω
1	0 518 48	Length 0.3 m
1	0 518 16	Length 0.5 m
5	0 517 80	Length 1 m
5	0 517 81	Length 2 m
5	0 517 82	Length 3 m
5	0 517 83	Length 5 m
1	0 518 49	Length 10 m
	LSZH	
1	0 518 70	Length 1 m
1	0 518 71	Length 2 m
1	0 518 72	Length 3 m
1	0 518 73	Length 5 m
1	0 518 66	Length 1 m
1	0 518 67	Length 2 m
1	0 518 68	Length 3 m
1	0 518 69	Length 5 m
		Cat. 6_A RJ 45 patch cords and user cords - High Density
		RJ 45/RJ 45 - flat With special "easy grip" plug Compliant with ISO/IEC 11 801, EN 50173 and ANSI/TIA 568 standards
	LSZH	
		Shielded S/FTP, impedance 100 Ω
1	0 515 50	Length 0.5 m
1	0 515 51	Length 1 m
1	0 515 52	Length 2 m
1	0 515 53	Length 3 m
1	0 515 54	Length 5 m
		Marking kit
200	0 518 90	Kit of 200 coloured rings for marking RJ 45 cords 4 colors (green/red/yellow/blue) 50 pieces of each color Rings to be clipped onto the patch cords

1: in metre(s)

Legrand cabling system, LCS³ cat. 6$_A$

RJ 45 sockets - Mosaic™

0 765 73

0 765 76

0 794 76

0 765 24

0 765 25

0 765 99

Can be integrated in any support
Mechanisms to be equipped with support frames and plates
Equipped with connectors with quick toolless connection
Take single-core cables from AWG 22 up to AWG 26, and AWG 26 multicore cables
T568A and B marking with colour codes
Compliant with ISO/IEC 11 801, EN 50173 and ANSI/TIA 568 standards

Pack	Cat.Nos	Cat. 6$_A$ RJ 45 sockets - Mosaic
		STP - 1 module
		Metal shielding
10	0 765 73	○ White
10	0 765 84	○ White antimicrobial(1)
10	0 794 73	● Aluminium
10	0 791 73L	● Matt Black
		STP - 2 modules
		Metal shielding
10	0 765 76	○ White
10	0 794 76	● Aluminium
10	0 791 76L	● Matt Black
10	0 765 24	○ White with green shutter
10	0 765 25	○ White with orange shutter
		STP with controlled access - 2 modules
		Metal shielding
		Supplied with 2 keys for 5 sockets
5	0 765 99	○ White with red shutter
		STP 45° - 2 modules
		Metal shielding
10	0 765 08	○ White
		UTP - 1 module
10	0 765 71	○ White
10	0 794 71	● Aluminium
10	0 765 26	○ White with green shutter
10	0 765 27	○ White with orange shutter
		UTP - 2 modules
10	0 765 74	○ White
10	0 794 74	● Aluminium
		UTP with controlled access - 2 modules
		Supplied with 2 keys for 5 sockets
5	0 765 90	○ White with red shutter
		UTP 45° - 2 modules
10	0 765 09	○ White

1: Contains a silver compound which prevents the growth of bacteria on the surface

RJ 45 sockets - Arteor

5 723 06

5 723 50

5 728 49

Can be integrated in any support
Mechanisms to be equipped with support frames and plates
Equipped with connectors with quick toolless connection
Take single-core cables from AWG 22 up to AWG 26, and AWG 26 multicore cables
T568A and B marking with colour codes
Compliant with ISO/IEC 11 801, EN 50173 and ANSI/TIA 568 standards

Pack	Cat.Nos	Cat. 6$_A$ RJ 45 sockets - Arteor
		Metal shielding
		STP - 1 module
10	5 723 06	○ White
10	5 728 06	● Magnesium
10	5 728 46	● Champagne
10	5 728 45	● Soft Alu
10	5 723 51	○ White with orange shutter
10	5 728 51	● Magnesium with orange shutter
10	5 728 48	● Champagne with orange shutter
10	5 728 47	● Soft Alu with orange shutter
10	5 723 52	○ White with green shutter
10	5 728 52	● Magnesium with green shutter
10	5 728 61	● Champagne with green shutter
10	5 728 60	● Soft Alu with green shutter
		STP with controlled access - 2 modules
		Supplied with 2 keys for 5 sockets
5	5 723 50	○ White with red shutter
5	5 728 50	● Magnesium with red shutter
5	5 728 63	● Champagne with red shutter
5	5 728 62	● Soft Alu with red shutter
		UTP - 1 module
10	5 723 49	○ White
10	5 728 49	● Magnesium
10	5 728 65	● Champagne
10	5 728 64	● Soft Alu
10	5 723 58	○ White with orange shutter
10	5 728 58	● Magnesium with orange shutter
10	5 728 69	● Champagne with orange shutter
10	5 728 68	● Soft Alu with orange shutter
10	5 723 59	○ White with green shutter
10	5 728 59	● Magnesium with green shutter
10	5 728 67	● Champagne with green shutter
10	5 728 66	● Soft Alu with green shutter
		UTP with controlled access - 2 modules
		Supplied with 2 keys for 5 sockets
5	5 723 57	○ White with red shutter
5	5 728 57	● Magnesium with red shutter
5	5 728 72	● Champagne with red shutter
5	5 728 71	● Soft Alu with red shutter

Legrand cabling system, LCS³ cat. 6$_A$

other RJ 45 connectors

6 327 79

0 337 49

0 695 59L

Pack	Cat.Nos	Cat. 6$_A$ Keystone RJ 45 sockets
10	0 331 54	STP socket - metal shielding with quick toolless connection
10	0 331 55	UTP connector - with quick toolless connection
1	6 327 79	**Surface-mounting box - 1 or 2 ports** For Keystone connectors For surface-mounting installations Can be fixed to a table or used in conjunction with mini-trunking
1	0 337 43	**STP cat. 6$_A$ cable extender** To be used to extend a cable quickly and easily
1	0 337 49	**STP cat. 6$_A$ field plug** To be used to make a direct connection on any IP equipment (switch, PoE LED panel, camera, Wi-Fi access point, etc) No tools required
5	0 695 59L	**STP cat. 6$_A$ Plexo RJ 45 socket** IP 55 closed flap IK 08 Grey

Legrand cabling system, LCS³ cat. 6$_A$

zone distribution box solution

0 337 97

0 337 75

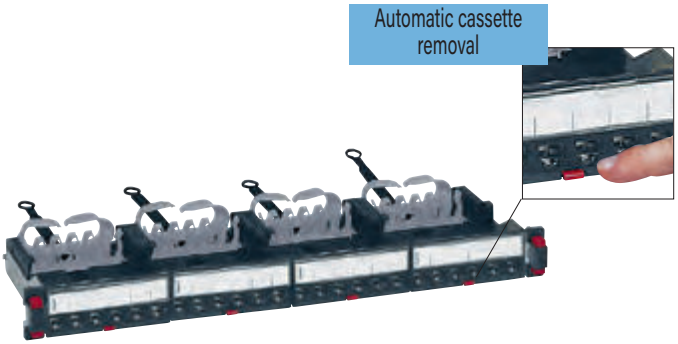
0 786 28

Pack	Cat.Nos	Zone distribution boxes to be equipped
		For distributing data in an area equipped with 1 to 24 RJ 45 sockets Centralise connections to ensure flexibility and scalability of the installation For installation in false ceilings or raised access floors The boxes connect to the patching enclosure or floor cabinet Connection to an RJ 45 socket with an RJ 45/ stripped cord or to a Mosaic RJ 45 socket with copper feedthrough with an RJ 45/RJ 45 cord IP 21 - IK 07 Compliant with ISO/IEC 11 801, EN 50173 and ANSI/TIA 568 standards T568A and B marking with colour codes Technical characteristics: polycarbonate cover (PC), polypropylene base (PP), RAL 7035 To be equipped directly with High Density RJ 45 connectors
1	0 337 96	12 ports to be equipped
1	0 337 97	24 ports to be equipped
		Cat. 6$_A$ High Density RJ 45 connectors Set of 6 RJ 45 connectors
6	0 337 73	UTP
6	0 337 75	STP
		Cat. 6$_A$ cords - RJ 45/stripped RJ 45/stripped - straight Plug in and out of the zone distribution boxes and connect to an LCS³ connector of an RJ 45 socket via the stripped side Cables prepared in factory, "ready for wiring" Compliant with ISO/IEC 11801 Ed. 2.0 (2011), EN 50173-1 and EIA/TIA 568 C2 standards
	LSZH	
	RAL 1018	**Shielded S/FTP, impedance 100 Ω**
1	0 517 86	Length 8 m
1	0 517 87	Length 15 m
1	0 517 88	Length 20 m
		Cat. 6$_A$ cords - RJ 45/RJ 45 For direct connection via RJ 45 male plug to the zone distribution box and to the RJ 45 socket with copper feedthrough to ensure safe connection, plus speed and reliability of connection Compliant with ISO/IEC 11 801, EN 50173 and ANSI/TIA 568 standards
	LSZH	
	RAL 1018	**Shielded S/FTP, impedance 100 Ω**
1	0 515 23	Length 8 m
1	0 515 24	Length 15 m
1	0 515 25	Length 20 m
		Cat. 6$_A$ sockets with copper feedthrough **Cat. 6$_A$ STP - Mosaic**
10	0 786 28	White
10	0 786 29	Aluminium

Red catalogue numbers: New products

Legrand cabling system, LCS³ cat. 6

flat patch panels - equipped



0 337 61

Equipped with new-generation Quick-Fix for automatic (screwless) mounting on enclosure and cabinet uprights
Universal mounting on all cabinets or enclosures
Panels ensure automatic earthing of each connector
Equipped with 4 bundles guides fixed at the rear

Pack	Cat.Nos	**Cat. 6 patch panels equipped with 24 RJ 45 connectors**
		19" panels - 1U Equipped with 4 cassettes of 6 pre-fitted cat. 6 LCS³ RJ 45 connectors Automatic cassette removal by simple pressure Each connector can be removed individually T568A and B marking with colour codes Equipped with rear cable guide to hold cables during maintenance Supplied with numbered colour labels Compliant with ISO/IEC 11 801, EN 50173 and ANSI/TIA 568 standards
		Flat panels 24 RJ 45 connectors - 1U - PoE++
1	0 337 60	UTP
1	0 337 61	FTP
1	0 337 62	STP

Legrand cabling system, LCS³ cat. 6

flat patch panels, to be equipped

0 337 90

0 337 98

0 337 99

Equipped with new-generation Quick-Fix for automatic (screwless) mounting on enclosure and cabinet uprights
Universal mounting on all cabinets or enclosures
Panels ensure automatic earthing of each connector
Equipped with 4 bundles guides fixed at the rear

Pack	Cat.Nos	**19" flat patch panels - to be equipped**
		19" panels - 1U Equipped with rear cable guide to hold cables during maintenance Automatic cassette removal by simple pressure Each connector can be removed individually
		Flat panel with empty cassettes to be equipped with connectors
1	0 337 90	Equipped with 4 automatically removable cassettes, takes up to 24 cat. 5e to cat. 8 RJ 45 connectors
		Empty flat panel to be equipped with cassettes
1	0 337 91	Can take a maximum of 4 automatically removable cassettes: - copper to be equipped with cat. 5e to cat. 8 RJ 45 connectors - fiber optic
		High Density flat panel with empty cassettes to be equipped with connectors
1	0 337 93	Equipped with 4 High Density cassettes, takes up to 48 cat. 5e to cat. 6_A RJ 45 connectors
		10" flat patch panels - to be equipped
		10" panels - 1U
1	0 337 98	Takes up to 6 cat. 5e to cat. 8 RJ 45 connectors
1	0 337 99	Takes up to 12 cat. 5e to cat. 6_A RJ 45 connectors

Legrand cabling system, LCS³ cat. 6

angled patch panels to be equipped, connectors

0 337 92

0 337 94

0 337 63

PoE+ Third Party certified

Equipped with new-generation Quick-Fix for automatic (screwless) mounting on enclosure and cabinet uprights
Universal mounting on all cabinets or enclosures
Panels ensure automatic earthing of each connector
Equipped with 4 concentric strand guides fixed at the rear

Pack	Cat.Nos	Angled patch panels - to be equipped
		19" panels - 1U
		Angled patch panel to be equipped with connectors
1	0 337 92	Takes up to 24 cat. 5e to cat. 8 RJ 45 connectors
		High Density angled panel to be equipped with connectors
1	0 337 94	Takes up to 48 cat. 5e to cat. 6_A RJ 45 connectors

Pack	Cat.Nos	Cat. 6 High Density RJ 45 connectors
		Quick-connect connection (no tools required) T568A and B marking with colour codes Compliant with ISO/IEC 11 801, EN 50173 and ANSI/TIA 568 standards To be installed in cassettes for flat panels or directly in an angled panel or a zone distribution box to be equipped Set of 6 RJ 45 connectors
6	0 337 63	UTP
6	0 337 64	FTP
6	0 337 65	STP

Legrand cabling system, LCS³ cat. 6

accessories

0 337 56

0 337 59

0 337 55

0 337 66

0 337 57

0 337 58

Pack	Cat.Nos	Common accessories for flat and angled panels
		Port blanking plate
10	0 337 56	Separable blanking plate For covering 1 to 6 ports or 1 to 12 ports individually (High Density solutions)
		Cord management
1	0 337 59	2 cable guides to be clipped onto new-generation Quick-Fix Provide side cord management Label-holder for identification

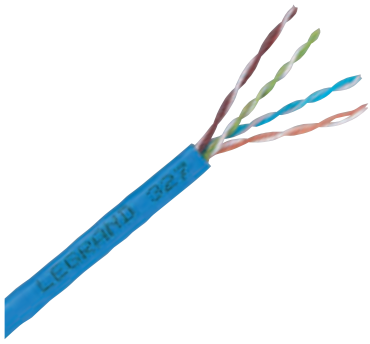
		Specific accessories for flat panels
		Cassette for flat panels to be equipped
1	0 337 55	Removable empty cassette to be equipped with connectors, takes 6 cat. 5e to cat. 8 connectors Can be removed by simple pressing on the cassette, for ease of installation and maintenance For equipping flat panels
		Cassette with shutters for flat panels to be equipped
1	0 337 66	Removable empty cassette to be equipped with connectors, takes 6 cat. 5e to cat. 8 connectors Can be removed by simple pressing on the cassette, for ease of installation and maintenance Equipped with 6 individual shutters to protect RJ 45 connectors contacts For equipping flat panels
		High Density cassette for flat panels to be equipped
1	0 337 95	Removable empty cassette to be equipped with connectors, takes 12 cat. 5e to cat. 6_A connectors Can be removed by simple pressing on the cassette, for ease of installation and maintenance For equipping flat panels
		Blanking cassette
1	0 337 57	To be used to fill gaps in the panel

		Specific accessory for angled panels
		Cover
1	0 337 58	Optimises air flow management in the enclosure

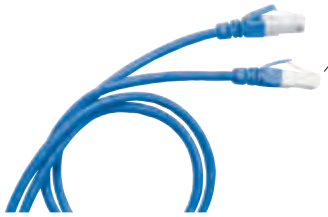
Red catalogue numbers: New products

Legrand cabling system, LCS³ cat. 6

cables and cords



0 327 54



0 517 54

0 515 41

Cat. 6 cables for local networks

Performance 250 MHz
Cables with 4 pairs or 2 x 4 twisted pairs, 100 Ω
Blue RAL 5015
ANSI/TIA colour code
Compliant with ISO/IEC 11 801, EN 50173 and ANSI/TIA 568 standards
Products conforming to the CPR regulations
Euroclass Dca for LSZH cables (except Cat No 0 328 86: Euroclass Cca and Cat No 0 328 79 : Euroclass B2ca), Euroclass Eca for PVC cables

Pack	Cat.Nos LSZH	Cat.Nos PVC	
			U/UTP - 4 pairs
305[1]	0 327 54		Length 305 m Supplied in cardboard box. Weight 14 kg
305[1]	0 328 86		Length 305 m Supplied in cardboard box. Weight 15 kg
305[1]	0 328 79		Length 500m Supplied on reel. Weight 24 kg
500[1]	0 328 61		Length 500 m Supplied on reel. Weight 19 kg
305[1]		0 327 55	Length 305 m Supplied in cardboard box. Weight 13 kg
			F/UTP - 4 pairs
305[1]	0 328 56		Length 305 m Supplied in reel in box. Weight 19 kg
500[1]	0 327 56		Length 500 m Supplied on reel. Weight 27 kg
			F/UTP - 4 pairs
305[1]		0 328 57	Length 305 m Supplied in reel in box. Weight 20 kg
500[1]		0 327 58	Length 500 m Supplied on reel. Weight 25 kg
			F/UTP - 2 x 4 pairs
500[1]	0 327 76		Length 500 m Supplied on reel. Weight 51 kg
			SF/UTP - 4 pairs
500[1]	0 327 57		Length 500 m Supplied on reel. Weight 31 kg
500[1]		0 327 59	Length 500 m Supplied on reel. Weight 30 kg

1: in metre(s)

Cat. 6 RJ 45 patch cords and user cords

RJ 45/RJ 45 - straight
Compliant with ISO/IEC 11 801, EN 50173 and ANSI/TIA 568 standards

Pack	Cat.Nos PVC RAL 5015		Cat.Nos LSZH RAL 3020	Cat.Nos LSZH RAL 6026	
					Shielded SF/UTP, impedance 100 Ω
1	0 517 52				Length 1 m
1	0 517 53				Length 2 m
1	0 517 54				Length 3 m
1	0 517 55				Length 5 m
					Screened F/UTP, impedance 100 Ω
1	0 518 15				Length 0.5 m
1	0 517 62				Length 1 m
1	0 517 63				Length 2 m
1	0 517 64				Length 3 m
1	0 517 65				Length 5 m
					Unscreened U/UTP, impedance 100 Ω
1	0 518 18				Length 0.5 m
1	0 517 72				Length 1 m
1	0 517 73				Length 2 m
1	0 517 74				Length 3 m
1	0 517 75				Length 5 m
1			0 518 54	0 518 50	Length 1 m
1			0 518 55	0 518 51	Length 2 m
1			0 518 56	0 518 52	Length 3 m
1			0 518 57	0 518 53	Length 5 m
5			0 518 62	0 518 58	Length 1 m
5			0 518 63	0 518 59	Length 2 m
5			0 518 64	0 518 60	Length 3 m
5			0 518 65	0 518 61	Length 5 m

Cat. 6 RJ 45 patch cords and user cords - High Density

RJ 45/RJ 45 - straight
Compliant with ISO/IEC 11 801, EN 50173 and ANSI/TIA 568 standards

Pack	Cat.Nos LSZH RAL 5015	
		Screened F/UTP, impedance 100 Ω
1	0 515 40	Length 0.5 m
1	0 515 41	Length 1 m
1	0 515 42	Length 2 m
1	0 515 43	Length 3 m
1	0 515 44	Length 5 m
		Unshielded U/UTP impedance 100 Ω
1	0 515 45	Length 0.5 m
1	0 515 46	Length 1 m
1	0 515 47	Length 2 m
1	0 515 48	Length 3 m
1	0 515 49	Length 5 m

Marking kit

Pack	Cat.Nos	
200	0 518 90	Kit of 200 coloured rings for marking RJ 45 cords 4 colors (green/red/yellow/blue) 50 pieces of each color Rings to be clipped onto the patch cords

Legrand cabling system, LCS³ cat. 6

RJ 45 sockets - Mosaic™

0 791 65L

0 794 33

0 765 63

0 765 96

PoE++ Third Party certified

Can be integrated in any support
Mechanisms to be equipped with support frames and plates
Equipped with connectors with quick toolless connection
Take single-core cables from AWG 22 up to AWG 26, and AWG 26 multicore cables
T568A and B marking with colour codes
Compliant with ISO/IEC 11 801, EN 50173 and ANSI/TIA 568 standards

Pack	Cat.Nos	Cat. 6 RJ 45 sockets - Mosaic
		UTP - 1 module
10	0 765 61	○ White
10	0 794 61	◉ Aluminium
10	0 794 61L	● Matt Black
10	0 765 81	○ White antimicrobial(1)
		UTP - 2 modules
10	0 765 64	○ White
10	0 794 64	◉ Aluminium
10	0 791 64L	● Matt Black
		UTP with controlled access - 2 modules
		Supplied with 2 keys for 5 sockets
5	0 765 94	○ White with red shutter
		UTP 90° - 2 modules
		Vertical snap-on socket for column module
10	0 765 91	○ White
		UTP 45° - 2 modules
10	0 765 03	○ White
		UTP 45° - 2 x RJ 45 - 2 modules
5	0 765 04	○ White
		UTP with retractable cord - 4 modules
		With integrated retractable cord (0.9 m)
		Automatically winds back in at the press of a button
1	0 765 32	○ White
		UTP 2 x RJ 45 with Soluclip accessory - 3 modules
		For snap-on mounting on DLP trunking with 45 mm cover
5	0 765 44	○ White
		FTP - 1 module
10	0 765 62	○ White
10	0 794 62	◉ Aluminium
10	0 791 62L	● Matt Black
10	0 765 82	○ White antimicrobial(1)
		FTP - 2 modules
10	0 765 65	○ White
10	0 794 65	◉ Aluminium
10	0 791 65L	● Matt Black
10	0 765 22	○ White with green shutter
10	0 765 23	○ White with orange shutter
		FTP 2 x RJ 45 with Soluclip accessory - 3 modules
		For snap-on mounting on DLP trunking with 45 mm cover
5	0 765 46	○ White

Pack	Cat.Nos	Cat. 6 RJ 45 sockets - Mosaic (continued)
		FTP with controlled access - 2 modules
		Supplied with 2 keys for 5 sockets
5	0 765 95	○ White with red shutter
		FTP 45° - 2 modules
10	0 765 05	○ White
		FTP 45° - 2 x RJ 45 - 2 modules
5	0 765 06	○ White
		FTP with retractable cord - 4 modules
		With integrated retractable cord (0.9 m)
		Automatically winds back in at the press of a button
1	0 765 33	○ White
1	0 794 33	◉ Aluminium
		FTP 90° - 2 modules
		Vertical snap-on socket for column module
10	0 765 92	○ White
10	0 794 92	◉ Aluminium
		Shielded STP - 1 module
10	0 765 63	○ White
10	0 765 83	○ White antimicrobial(1)
		Shielded STP - 2 modules
10	0 765 66	○ White
		Shielded STP with controlled access - 2 modules
		Supplied with 2 keys for 5 sockets
5	0 765 96	○ White with red shutter
		STP 45° - 2 modules
10	0 765 07	○ White
		Shielded STP 90° - 2 modules
		Vertical snap-on socket for column module
10	0 765 93	○ White

1: Contains a silver compound which prevents the growth of bacteria at the surface

Red catalogue numbers: New products

Legrand cabling system, LCS³ cat. 6

RJ 45 sockets (Arteor, Soliroc and Plexo) and other connectors

5 728 02

5 700 57

5 710 57

5 728 16

0 695 69L

6 327 79

Can be integrated in any support
Equipped with connectors with quick toolless connection
Take single-core cables from AWG 22 up to AWG 26, and AWG 26 multicore cables
T568A and B marking with colour codes
Compliant with ISO/IEC 11 801, EN 50173 and ANSI/TIA 568 standards

Cat. 6 RJ 45 sockets - Arteor

Mechanisms supplied with square rocker plates, to be equipped with support frames and plates

Pack	Cat.Nos	
		UTP - 1 module
10	5 723 02	○ White
10	5 728 02	Magnesium
10	5 700 57	Champagne
10	5 710 57	Soft Alu
10	5 723 54	○ White with orange shutter
10	5 728 54	Magnesium with orange shutter
10	5 728 74	Champagne with orange shutter
10	5 728 73	Soft Alu with orange shutter
10	5 723 55	○ White with green shutter
10	5 728 55	Magnesium with green shutter
10	5 728 80	Champagne with green shutter
10	5 728 79	Soft Alu with green shutter
		UTP - 2 modules
10	5 723 14	○ White - square version
10	5 728 14	Magnesium - square version
10	5 700 59	Champagne - square version
10	5 710 59	Soft Alu - square version
		UTP with controlled access - 2 modules
		Supplied with 2 keys for 5 sockets
5	5 723 53	○ White with red shutter
5	5 728 53	Magnesium with red shutter
5	5 728 87	Champagne with red shutter
5	5 728 86	Soft Alu with red shutter
		UTP with retractable cord - 4 modules
		With integrated retractable cord (0.9 m)
		Automatically winds back in at the press of a button
1	5 723 39	○ White
1	5 728 39	Magnesium
1	5 728 89	Champagne
1	5 728 88	Soft Alu
		FTP - 1 module
10	5 723 22	○ White
10	5 728 22	Magnesium
10	5 728 91	Champagne
10	5 728 90	Soft Alu
		FTP - 2 modules
10	5 723 16	○ White
10	5 728 16	Magnesium
10	5 728 93	Champagne
10	5 728 92	Soft Alu
		Shielded STP - 1 module
10	5 723 23	○ White
10	5 728 23	Magnesium
10	5 728 95	Champagne
10	5 728 94	Soft Alu
		Shielded STP - 2 modules
10	5 723 17	○ White
10	5 728 17	Magnesium
10	5 728 97	Champagne
10	5 728 96	Soft Alu

Cat. 6 Soliroc RJ 45 socket - IK 10

Pack	Cat.Nos	
1	0 778 91	**FTP - 2 modules** IP 20 - IK 10 For at-risk areas or areas without surveillance

Cat. 6 Plexo RJ 45 sockets - IP 55 closed flap IK 08

RJ 45 sockets
Protection against water, dust
For industrial sites
Grey

Pack	Cat.Nos	
1	0 695 61L	UTP socket
5	0 695 69L	FTP socket

Cat. 6 Plexo 66 RJ 45 socket - IP 66 - IK 08

Pack	Cat.Nos	
1	0 904 67	**FTP socket** 9 contacts Guaranteed weatherproof seal (IP 66) with the plug inserted Inclined 90° Grey RAL 7016/T029

Cat. 6 Keystone RJ 45 socket

Pack	Cat.Nos	
10	0 331 81	UTP socket with fast connection

Surface-mounting box - 1 or 2 ports

Pack	Cat.Nos	
1	6 327 79	For Keystone connectors For surface-mounting installations Can be fixed to a table or used in conjunction with mini-trunking

Cable extenders

To be used to extend a cable quickly and easily

Pack	Cat.Nos	
1	0 337 48	For FTP cat. 6 cables
1	0 337 42	For UTP cat. 6 cables

Audio/video sockets
Arteor and Mosaic
p. 1006-1007

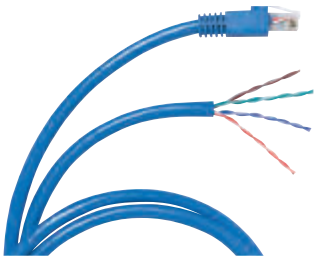
Red catalogue numbers: New products

Legrand cabling system, LCS³ cat. 6

zone distribution box solution

0 337 97

0 337 63



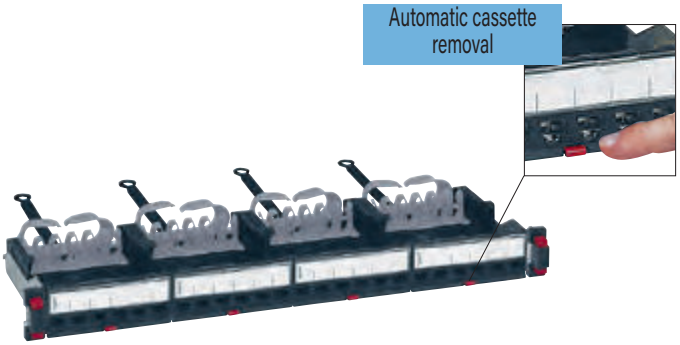
0 517 57

Pack	Cat.Nos	Zone distribution boxes to be equipped
		For distributing data in an area equipped with 1 to 24 RJ 45 sockets Centralise connections to ensure flexibility and scalability of the installation For installation in false ceilings or raised access floors The boxes connect to the patching enclosure or floor cabinet Connection to an RJ 45 socket with an RJ 45/stripped cord or to a Mosaic RJ 45 socket with copper feedthrough with an RJ 45/RJ 45 cord IP 21 - IK 07 Compliant with ISO/IEC 11 801, EN 50173 and ANSI/TIA 568 standards T568A and B marking with colour codes Technical characteristics: polycarbonate cover (PC), polypropylene base (PP), RAL 7035 To be equipped directly with RJ 45 High Density connectors
1	0 337 96	12 ports to be equipped
1	0 337 97	24 ports to be equipped
		Cat. 6 High Density RJ 45 connectors
		Set of 6 RJ 45 connectors
6	0 337 63	UTP
6	0 337 64	FTP
6	0 337 65	STP
		Cat. 6 cords - RJ 45/stripped
		RJ 45/stripped - straight Plug in and out of the zone distribution boxes and connect to an LCS³ connector of an RJ 45 socket via the stripped side Cables prepared in factory, "ready for wiring" Compliant with ISO/IEC 11801 Ed. 2.0 (2011), EN 50173-1 and EIA/TIA 568 C2 standards
	RAL 5015	**Screened F/UTP, impedance 100 Ω**
1	0 517 96	Length 8 m
1	0 517 97	Length 15 m
1	0 517 98	Length 20 m
		Unscreened U/UTP, impedance 100 Ω
1	0 517 57	Length 8 m
1	0 517 58	Length 15 m
1	0 517 59	Length 20 m

Pack	Cat.Nos	Cat. 6 cords - RJ 45/RJ 45
		For direct connection via RJ 45 male plug to the zone distribution box and to the RJ 45 socket with copper feedthrough to ensure safe connection, plus speed and reliability of connection
	LSZH	
	RAL 5015	**Screened F/UTP, impedance 100 Ω**
1	0 515 13	Length 8 m
1	0 515 14	Length 15 m
1	0 515 15	Length 20 m
		Unscreened U/UTP, impedance 100 Ω
1	0 515 10	Length 8 m
1	0 515 11	Length 15 m
1	0 515 12	Length 20 m
		Cat. 6 sockets with copper feedthrough
		Cat. 6 UTP - Mosaic
10	0 786 22	○ White
10	0 786 26	● Aluminium
		Cat. 6 FTP - Mosaic
10	0 786 23	○ White
10	0 786 27	● Aluminium
		Cat. 6 UTP - Arteor
10	5 723 31	○ White
10	5 728 31	● Magnesium
10	5 729 10	● Champagne
10	5 729 09	● Soft Alu
		Cat. 6 FTP - Arteor
10	5 723 33	○ White
10	5 728 33	● Magnesium
10	5 729 12	● Champagne
10	5 729 11	● Soft Alu

Legrand cabling system, LCS³ cat. 5e

flat patch panels - equipped



0 337 51

Equipped with new-generation Quick-Fix for automatic (screwless) mounting on enclosure and cabinet uprights
Universal mounting on all cabinets or enclosures
Panels ensure automatic earthing of each connector
Equipped with 4 bundles guides fixed at the rear

Pack	Cat.Nos	**Cat. 5e patch panels equipped with 24 RJ 45 connectors**
		19" panels - 1U Equipped with 4 cassettes of 6 pre-fitted cat. 5e LCS³ RJ 45 connectors Automatic cassette removal by simple pressure Each connector can be removed individually T568A and B marking with colour codes Equipped with rear cable guide to hold cables during maintenance Supplied with coloured labels Compliant with ISO/IEC 11 801, EN 50173 and ANSI/TIA 568 standards
		Flat panels 24 RJ 45 connectors - 1U - PoE++
1	0 337 50	UTP
1	0 337 51	FTP

Legrand cabling system, LCS³ cat. 5e

flat patch panels, to be equipped

0 337 90

0 337 98

0 337 99

Universal mounting on all cabinets or enclosures
Panels ensure automatic earthing of each connector

Pack	Cat.Nos	**19" flat patch panels - to be equipped**
		19" panels - 1U Equipped with rear cable guide to hold cables during maintenance Automatic cassette removal by simple pressure Each connector can be removed individually
		Flat panel with empty cassettes to be equipped with connectors
1	0 337 90	Equipped with 4 automatically removable cassettes, takes up to 24 cat. 5e to cat. 8 RJ 45 connectors
		Empty flat panel to be equipped with cassettes
1	0 337 91	Takes a maximum of 4 automatically removable cassettes: - copper to be equipped with cat. 5e to cat. 8 RJ 45 connectors - fiber optic
		High Density flat panel with empty cassettes to be equipped with connectors
1	0 337 93	Equipped with 4 High Density cassettes, takes up to 48 cat. 5e to cat. 6_A RJ 45 connectors

		10" flat patch panels - to be equipped
		10" panels - 1U
1	0 337 98	Takes up to 6 cat. 5e to cat. 8 RJ 45 connectors
1	0 337 99	Takes up to 12 cat. 5e to cat. 6_A RJ 45 connectors

Legrand cabling system, LCS³ cat. 5e

angled patch panels to be equipped, connectors

0 337 92

0 337 94

0 337 53

Equipped with new-generation Quick-Fix for automatic (screwless) mounting on enclosure and cabinet uprights
Universal mounting on all cabinets or enclosures
Panels ensure automatic earthing of each connector
Equipped with 4 concentric strand guides fixed at the rear

Pack	Cat.Nos	Angled patch panels - to be equipped
		19" panels - 1U
1	0 337 92	**Angled patch panel to be equipped with connectors** Takes up to 24 cat. 5e to cat. 8 RJ 45 connectors
1	0 337 94	**High Density angled panel to be equipped with connectors** Takes up to 48 cat. 5e to cat. 6_A RJ 45 connectors
		Cat. 5e High Density RJ 45 connectors
		Quick-connect connection (no tools required) T568A and B marking with colour codes Compliant with ISO/IEC 11 801, EN 50173 and ANSI/TIA 568 standards To be installed in cassettes for flat panels or directly in an angled panel or a zone distribution box to be equipped Set of 6 RJ 45 connectors
6	0 337 53	UTP
6	0 337 54	FTP

Legrand cabling system, LCS³ cat. 5e

accessories

0 337 56

0 337 59

0 337 55

0 337 66

0 337 57

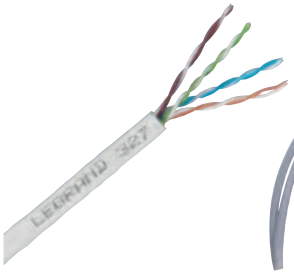
0 337 58

Pack	Cat.Nos	Common accessories for flat and angled panels
10	0 337 56	**Port blanking modules** Separable blanking plate For covering 1 to 6 ports or 1 to 12 ports individually (High Density sowlutions)
1	0 337 59	**Cord management** 2 cable guides to be clipped onto new-generation Quick-Fix Provide side cord management Label-holder for identification
		Specific accessories for flat panels
1	0 337 55	**Cassette for flat panels to be equipped** Removable empty cassette to be equipped with connectors, takes 6 cat. 5e to cat. 8 connectors Can be removed by simple pressing on the cassette, for ease of installation and maintenance For equipping flat panels
1	0 337 66	**Cassette with shutters for flat panels to be equipped** Removable empty cassette to be equipped with connectors, takes 6 cat. 5e to cat. 8 connectors Can be removed by simple pressing on the cassette, for ease of installation and maintenance Equipped with 6 individual shutters to protect RJ 45 connectors contacts For equipping flat panels
1	0 337 95	**High Density cassette for flat panels to be equipped** Removable empty cassette to be equipped with connectors, takes 12 cat. 5e to cat. 6_A connectors Can be removed by simple pressing on the cassette, for ease of installation and maintenance For equipping flat panels
1	0 337 57	**Blanking cassette** To be used to fill gaps in the panel
		Specific accessory for angled panels
1	0 337 58	**Cover** Optimises air flow management in the enclosure

Red catalogue numbers: New products

Legrand cabling system, LCS³ cat. 5e

cables and cords



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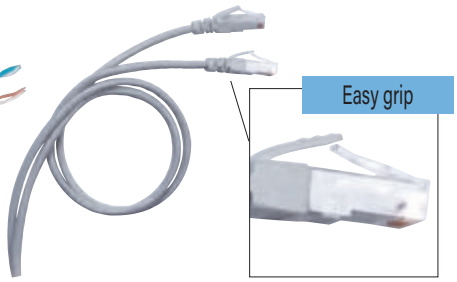


0 516 40

Pack	Cat.Nos		Cat. 5e cables for local networks
			Cable with 4 twisted pairs, 100 Ω LSZH sheath: zero halogen Grey RAL 7035 ANSI/TIA colour code Compliant with ISO/IEC 11 801, EN 50173, ANSI/TIA 568 standards Products conforming to the CPR regulations Euroclass Dca for LSZH cables, Euroclass Eca for PVC cables
	LSZH	PVC	
305[1]	0 327 50	0 327 51	**U/UTP - 4 pairs** Length 305 m Supplied in cardboard box. Weight 9 kg
			F/UTP - 4 pairs
305[1]	0 327 52		Length 305 m Supplied in cardboard box. Weight 12 kg
500[1]	0 328 50		Length 500 m Supplied on reel. Weight 21 kg
305[1]		0 327 53	Length 305 m Supplied in cardboard box. Weight 11 kg

Pack	Cat.Nos	Cat. 5e RJ 45 patch cords and user cords
		RJ 45/RJ 45 - straight Compliant with ISO/IEC 11 801, EN 50173, ANSI/TIA 568 standards Grey RAL 7035
	PVC	
		Unscreened U/UTP, impedance 100 Ω
1	0 518 17	Length 0.5 m
1	0 516 36	Length 1 m
1	0 516 37	Length 2 m
1	0 516 38	Length 3 m
1	0 516 39	Length 5 m
		Screened F/UTP, impedance 100 Ω
1	0 518 14	Length 0.5 m
1	0 516 40	Length 1 m
1	0 516 41	Length 2 m
1	0 516 42	Length 3 m
1	0 516 43	Length 5 m

Pack	Cat.Nos	Marking kit
200	0 518 90	Kit of 200 coloured rings for marking RJ 45 cords 4 colors (green/red/yellow/blue). 50 pieces of each color Rings to be clipped onto the patch cords

1: in meter(s)

Legrand cabling system, LCS³ cat. 5e

RJ 45 sockets (Mosaic and Arteor) and other connectors

0 765 52

0 765 42

6 327 79

Can be integrated in any support
Equipped with connectors with quick connection
Take single-core cables from AWG 22 up to AWG 26, and AWG 26 multicore cables
T568A and B marking with colour codes
Compliant with ISO/IEC 11 801, EN 50173 and ANSI/TIA 568 standards

Pack	Cat.Nos	Cat. 5e RJ 45 sockets - Mosaic
		Mechanisms to be equipped with support frames and plates
		UTP - 1 module
10	0 765 51	○ White
10	0 794 51	● Aluminium
		UTP - 2 modules
10	0 765 54	○ White
10	0 794 54	● Aluminium
		UTP with controlled access - 2 modules
		Supplied with 2 keys for 5 sockets
5	0 765 97	○ White with red shutter
		UTP - 2 x RJ 45 with Soluclip accessory - 3 modules
		For snap-on mounting on DLP trunking with 45 mm cover
5	0 765 41	○ White
		UTP with retractable cord - 4 modules
		With integrated retractable cord (0.9 m) Automatically winds back in at the press of a button
1	0 765 30	○ White
		UTP 45° - 2 modules
10	0 765 01	○ White
		UTP 45° - 2 x RJ 45 - 2 modules
5	0 765 02	○ White
		FTP - 1 module
10	0 765 52	○ White
10	0 794 52	● Aluminium
		FTP - 2 modules
10	0 765 55	○ White
10	0 794 55	● Aluminium
		FTP with controlled access - 2 modules
		Supplied with 2 keys for 5 sockets
5	0 765 98	○ White with red shutter
		FTP - 2 x RJ 45 with Soluclip accessory - 3 modules
		For snap-on mounting on Mosaic trunking with 45 mm cover
5	0 765 42	○ White

Pack	Cat.Nos	Cat. 5e RJ 45 sockets - Arteor
		Mechanisms supplied with square rocker plates, to be equipped with support frames and plates
		UTP - 1 module
10	5 723 03	○ White
10	5 728 03	● Aluminium
10	5 700 58	● Champagne
10	5 710 58	● Soft Alu
		UTP - 2 modules
10	5 723 15	○ White
10	5 728 15	● Aluminium
10	5 728 99	● Champagne
10	5 728 98	● Soft Alu
		FTP - 1 module
10	5 723 04	○ White
10	5 728 04	● Aluminium
10	5 729 08	● Champagne
10	5 729 07	● Soft Alu

Pack	Cat.Nos	Cat. 5e Keystone RJ 45 socket
10	0 331 80	UTP with quick toolless connection

Pack	Cat.Nos	Surface-mounting box - 1 or 2 ports
1	6 327 79	For Keystone connectors For surface-mounting installations Can be fixed to a table or used in conjunction with mini-trunking

Audio/video sockets
Arteor and Mosaic
p. 1006-1007

Legrand cabling system, LCS³ cat. 5e

zone distribution box solution

0 337 97

0 337 53

0 786 25

Pack	Cat.Nos	Zone distribution boxes to be equipped
		For distributing data in an area equipped with 1 to 24 RJ 45 sockets Centralise connections to ensure flexibility and scalability of the installation For installation in false ceilings or raised access floors The boxes connect to the patching enclosure or floor cabinet Connection to an RJ 45 socket with an RJ 45/stripped cord or to a Mosaic RJ 45 socket with copper feedthrough with an RJ 45/RJ 45 cord IP 21 - IK 07 Compliant with ISO/IEC 11 801, EN 50173 and ANSI/TIA 568 standards T568A and B marking with colour codes Technical characteristics: polycarbonate cover (PC), polypropylene base (PP), RAL 7035 To be equipped directly with RJ 45 High Density connectors
1	0 337 96	12 ports to be equipped
1	0 337 97	24 ports to be equipped
		Cat. 5e High Density RJ 45 connectors
		Set of 6 RJ 45 connectors
6	0 337 53	UTP
6	0 337 54	FTP
		Cat. 5e cords - RJ 45/RJ 45
		For direct connection via RJ 45 male plug to the zone distribution box and to the RJ 45 socket with copper feedthrough to ensure safe connection, plus speed and reliability of connection
	PVC RAL 7035	**Screened F/UTP, impedance 100 Ω**
1	0 515 03	Length 8 m
1	0 515 04	Length 15 m
1	0 515 05	Length 20 m
		Unscreened U/UTP, impedance 100 Ω
1	0 515 00	Length 8 m
1	0 515 01	Length 15 m
1	0 515 02	Length 20 m

Pack	Cat.Nos	Cat. 5e sockets with copper feedthrough
		Cat. 5e UTP - Mosaic
10	0 786 20	○ White
10	0 786 24	● Aluminium
		Cat. 5e FTP - Mosaic
10	0 786 21	○ White
10	0 786 25	● Aluminium
		Cat. 5e UTP - Arteor
10	5 723 30	○ White
10	5 728 30	● Magnesium
10	5 729 18	● Champagne
10	5 729 17	● Soft Alu
		Cat. 5e FTP - Arteor
10	5 723 32	○ White
10	5 728 32	● Magnesium
10	5 729 20	● Champagne
10	5 729 19	● Soft Alu

Legrand cabling system, LCS³ Series HDJ

flat panels, cassettes and connectors

0 336 83

0 336 84

0 336 82

0 336 80

0 336 81

HDJ6A-44

HDJ6-44

Standard fixing
Universal mounting on all cabinets or enclosures
Panels ensure automatic earthing of each connector
Equipped with rear cable guides to hold cables during maintenance

Pack	Cat.Nos	Flat patch panels - to be equipped
		19" panels - 1U
1	0 336 83	Equipped with 4 automatically removable cassettes, takes up to 24 cat. 5e to cat. 6_A RJ 45 HD Jack connectors
1	0 336 84	Equipped with 4 automatically removable HD cassettes, takes up to 48 cat. 5e to cat. 6_A RJ 45 HD Jack connectors
		Empty flat patch panels - to be equipped
		19" panel - 1 U - standard fixation
1	0 336 82	Takes a maximum of 4 automatically removable cassettes to be equipped with up to 24 cat. 5e to cat. 6_A RJ 45 HD Jack connectors
		19" panel - 1 U - automatic fixation (Soluclip)
1	0 337 91	Takes a maximum of 4 automatically removable cassettes to be equipped with up to 24 cat. 5e to cat. 6_A RJ 45 HD Jack connectors
		Cassettes for flat panels to be equipped
		Can be removed by simple pressing on the cassette, for ease of installation and maintenance For equipping flat panels
1	0 336 80	Removable empty cassette to be equipped with connectors, takes 6 cat. 5e to cat. 6_A RJ 45 HD Jack connectors
1	0 336 81	Removable empty cassette to be equipped with connectors, takes 12 cat. 5e to cat. 6_A RJ 45 HD Jack connectors
		Blanking cassette
1	0 336 85	To be used to fill gaps in the panel

Pack	Cat.Nos	RJ 45 HD Jack connectors
		Quick-connect connection (no tools required) T568A and B marking with colour codes Compliant with following standards: ISO/IEC 11 801; EN 50173; ANSI/ TIA-568-C.2; UL 1863 (and UL 2043 for Cat.Nos HDJS); IEEE 802.3af/802.3at/802.3bt Type 1 to Type 4; FCC part 68 subpart F; IEC-603-7 Intertek ETL Verified component To be installed in cassettes Cat.Nos 0 336 80 and 0 336 81 for flat panels Set of 20 connectors except for Cat.Nos HDJS625 and HDJS6A25 (set of 25 connectors)
		Cat. 6_A RJ 45 HD Jack connectors
20	HDJ6A-00	UTP - Black
20	HDJ6A-36	UTP - Blue
20	HDJ6A-44	UTP - Yellow
25	HDJS6A25	STP
		Cat. 6 RJ 45 HD Jack connectors
20	HDJ6-00	UTP - Black
20	HDJ6-36	UTP - Blue
20	HDJ6-44	UTP - Yellow
20	HDJ6-88	UTP - White
25	HDJS625	STP
		Cat. 5e RJ 45 HD Jack connector
20	HDJ5E-78	UTP - Dark gray
		Blank module for RJ 45 HD Jack connectors
10	HDJBL10-00	HDJ - Black

Red catalogue numbers: New products

Legrand cabling system, LCS³

PoE WAP and switches

0 336 10

0 335 23

0 334 92

4 131 11

Pack	Cat.Nos	PoE Wi-Fi Access Points
		Self-powered with PoE Possibility to choose Wi-Fi signal strength (only in room or beyond)
1	0 336 10	**Flush-mounting** To be installed in flush-mounting boxes min. depth 40 mm With RJ 45 connector with fast connection thanks to integrated crimping Power supply by a Power over Ethernet switch Easy configuration with a smartphone or computer (Home + Project or browser based) Possibility to choose Wi-Fi signal strength (only in room or beyond) ON/OFF functions Wi-Fi 802.11n+ac
1	0 335 23	**Surface-mounting** Plug & play product to be installed on any RJ 45 socket connected to a Power over Ethernet switch Self powered with PoE Easy configuration with a smartphone or computer (Home + Project or browser based) Possibility to choose Wi-Fi signal strength (only in room or beyond) WPS (Wi-Fi Protected Setup) and On/Off functions Wi-Fi 802.11n

Pack	Cat.Nos	PoE Ethernet switches
		Ethernet switches with PoE and PoE+ EndSpan injector (standard IEEE 802.3af and 802.3at) For supplying power to the Ethernet ports of devices (Wi-Fi access point, IP camera, etc) Supplied with power supply
		19" switches
1	0 334 90	Ethernet switch with 10 RJ 45 ports (8 PoE+ outputs) Gigabit - Manageable
1	0 334 92	Ethernet switch with 26 RJ 45 ports (24 PoE+ outputs) Gigabit - Manageable
		Tablet switch - 6 ports
1	0 334 93	Ethernet switch with 6 ports including: - 1 Gigabit RJ 45 and 1 fiber optic SFP uplinks - 4 Gigabit PoE+ RJ 45 outputs Non manageable Whole device power: 65W Max power: 30W per port
		Tablet switches - 5 ports
		Ethernet switches with 5 ports including: - 1 RJ 45 uplink - 4 Gigabit PoE+ RJ 45 outputs Non manageable Whole device power: 65W Maximum power output of each PoE port: 30W
1	4 131 11	EU power supply cord
1	4 131 13	BS power supply cord

Legrand cabling system

doublers and weatherproof adaptors

0 327 47

0 695 79L

0 539 49

Pack	Cat.Nos	Mobile doublers
		Clip into RJ 45 sockets to double up applications
10	0 327 83	TV/computer network or telephone doubler
10	0 327 47	Telephone/telephone doubler
10	0 327 45	Computer network/telephone doubler
10	0 327 46	L1/L2 telephone doubler
10	0 327 48	Computer network/computer network doubler

Pack	Cat.Nos	Plexo weatherproof adaptors
		Take 2-module Mosaic/Arteor mechanisms (except for specific depths)
		Adaptors with transparent flap IP 55 - IK 08
10	0 695 80L	Grey
10	0 698 80L	Anthracite
5	0 698 38L	Sand
10	0 696 95L	White
		Adaptors with lockable flap IP 55 - IK 08 Using tool Cat. No 0 919 45
10	0 695 79L	Grey
10	0 698 45L	Anthracite
		Adaptor without flap (IP 20)
1	0 695 82L	Grey
		RJ Adaptator (IP 44) Front face to be weatherproof with engaged RJ 45
1	0 695 81L	Grey
		Adaptor with flexible membrane (IP 55) For controlling 2-module Mosaic mechanisms by pressing on the flexible membrane while being IP 55 weatherproof
10	0 695 87L	Grey
1	0 919 45	**Accessory** Locking tool (used for changing vandal-proof screws)

Pack	Cat.Nos	Soliroc weatherproof adaptors
		IP 55 - IK 10 Take 2-module Mosaic/Arteor mechanisms (except special surface-mounting type)
1	0 778 84	With lockable flap

Pack	Cat.Nos	Hypra weatherproof adaptors
5	0 539 49	IP 55 adaptor base

Red catalogue numbers: New products

Legrand cabling system, LCS³

sockets and panel for telephone application

0 787 31

0 335 79

Pack	Cat.Nos		Telephone sockets
	Mosaic	Arteor	
			RJ 11 and RJ 12 sockets
			Equipped with a modular Jack connector with 1/4-turn terminal for fast connection
			Tap-off possible
10	0 787 30	5 723 00	○ White - RJ 11, 4 contacts, 1 module
10	0 792 31		● Aluminium - RJ 11, 4 contacts, 1 module
10		5 728 00	● Magnesium - RJ 11, 4 contacts, 1 module
10	0 787 31	5 723 13	○ White - RJ 11 - 4 contacts, 2 modules
10		5 728 13	● Magnesium - RJ 11 - 4 contacts, 2 modules
10	0 787 32	5 723 12	○ White - RJ 12 - 6 contacts, 2 modules
10		5 728 12	● Magnesium - RJ 12 - 6 contacts, 2 modules
			Single master - 2 modules
			With IDC connection
			Conform to British Telecom
10		5 723 10	○ White
10		5 728 10	● Magnesium
			Single secondary - 1 module
			With IDC connection
			Conform to British Telecom
5		5 723 01	○ White
5		5 728 01	● Magnesium

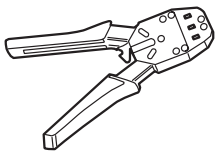
Pack	Cat.Nos	Telephone patch panel - 50 ports 110 connect
1	0 335 79	19" panel - 1U

Legrand cabling system, LCS³

accessories

0 517 09

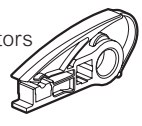
Pack	Cat.Nos	Crimping tool for RJ 45 plugs
1	0 517 09	For crimping RJ plugs with 4/6/8/9 contacts Ratchet control of crimping mechanism Possibility to cut and strip cables Tool with 3 crimping points High resistance steel material



		RJ plugs for round cables - for crimping
		Gold-coated contacts, 1.2 µm
		RJ 11
50	0 517 01	4 contacts
		RJ 12
50	0 517 02	6 contacts
		RJ 45 cat. 5e
50	0 517 03	8 contacts
50	0 517 04	9 contacts
		RJ 45 cat. 6
50	0 517 10	8 contacts
50	0 517 11	9 contacts
		RJ 45 sleeves
50	0 517 06	Black
50	0 517 07	White

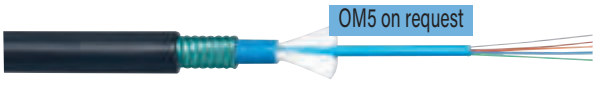
		Cable protection accessories
		Plastic material IP 66/67 guaranteed when paired with Cat.Nos 0 533 02 IP 55 when not connected for base with shutter Protection for shielded or unshielded RJ 45 cords to create a cat. 5 connection Compliant with IEC 60603-7 series and IEC 61076-3-106 (version 5) standards Compatible with commercially-available products conforming to the aforementioned standards
3	0 533 00	**Plug** Integrated cable gland with sealing ring and clamping blades Toolless assembly Can protect RJ 45 cords
3	0 533 01	**Flush-mounting base** Locking base Supplied with cat. 5e female/female RJ 45 coupler
3	0 533 02	**Kit** Flush-mounting base + plug

		Stripping tool
1	0 332 62	Stripper for twisted pair Slit the sheath and release the conductors by rotation For twisted pair cables Don't damage the conductors



Legrand cabling system, LCS³ fiber optic

cables



0 325 13

0 325 10

0 326 66

Selection chart **p. 966-967**

Colour code: FOTAG
Compliant with EN 50173-2 and ISO IEC 11801 standards
Packed on a 2000 m reel except for tight-buffer OM4
Tight-buffer: "easy strip"
Other configurations on request

Single-mode OS2 fiber optic cables (9/125 µm) - (OS1 compatible)

For 9/125 µm single-mode installations, OS2 type

Pack	Cat.Nos Loose tube	Cat.Nos Tight-buffer 900 µm	
			Indoor/Outdoor Yellow LSZH sheath Glass strands
2000[1]	0 325 02		4 fibers - Euroclass Dca
2000[1]	0 325 12		6 fibers - Euroclass Dca
2000[1]	0 325 03		8 fibers - Euroclass Dca
2000[1]	0 325 14	0 325 50	12 fibers - Euroclass Dca
2000[1]	0 325 26		12 fibers - Euroclass Cca
2000[1]	0 325 51		24 fibers - Euroclass Dca
1000[1]	0 325 18		24 fibers - Euroclass Cca
			Outdoor Black PE sheath Glass strands for rodent-proofing, reinforced with corrugated steel
2000[1]	0 325 23		4 fibers
2000[1]	0 325 13		6 fibers
2000[1]	0 325 24		8 fibers
2000[1]	0 325 15		12 fibers
2000[1]	0 325 25		24 fibers

Multimode OM4 fiber optic cables (50/125 µm)

For 50/125 µm multimode installations, OM4 type
Suitable for 10 Gb Ethernet networks
Bend insensitive

Pack	Cat.Nos Loose tube	Cat.Nos Tight-buffer 900 µm	
			Indoor/Outdoor Aqua LSZH sheath Glass strands
2000[1]	0 325 43		4 fibers - Euroclass Dca
500[1]		0 326 65	6 fibers - Euroclass Dca - 500 m drum
1000[1]		0 326 66	6 fibers - Euroclass Dca - 1000 m drum
2000[1]	0 325 44		8 fibers - Euroclass Dca
2000[1]	0 325 45		12 fibers - Euroclass Dca
2000[1]	0 325 49		12 fibers - Euroclass Cca
1000[1]		0 326 67	12 fibers - Euroclass Dca - 1000 m drum
1000[1]		0 326 68	24 fibers - Euroclass Dca - 1000 m drum
1000[1]	0 325 19		24 fibers - Euroclass Cca - 1000 m drum
			Outdoor Black PE sheath Glass strands for rodent-proofing, reinforced with corrugated steel
2000[1]	0 325 46		4 fibers
2000[1]	0 325 47		8 fibers
2000[1]	0 325 48		12 fibers

Multimode OM3 fiber optic cables (50/125 µm)

For 50/125 µm multimode installations, OM3 type
Suitable for 10 Gb Ethernet networks
Bend insensitive

Pack	Cat.Nos Loose tube	Cat.Nos Tight-buffer 900 µm	
			Indoor/Outdoor Aqua LSZH sheath Glass strands Euroclass Dca
2000[1]	0 325 37		4 fibers
2000[1]		0 325 10	6 fibers
2000[1]	0 325 38		8 fibers
2000[1]	0 325 39	0 325 11	12 fibers
2000[1]	0 325 53	0 325 52	24 fibers
			Outdoor Black PE sheath Glass strands for rodent-proofing, reinforced with corrugated steel
2000[1]	0 325 40		8 fibers
2000[1]	0 325 41		12 fibers
2000[1]	0 325 42		24 fibers

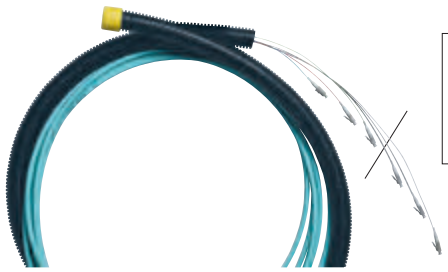
1: in metre(s)

Legrand cabling system, LCS³ fiber optic

preterminated links

OM4 and OM5 on request

1 320 21



OM4 and OM5 on request

1 320 41

Selection chart **p. 970-971**

Supplied with pulling element. In coil up to 50 m, on a small drum between 51 m and 150 m, on a large drum over 151 m and up to 200 m
Connection in fiber optic drawers
OM3 aqua LSZH sheaths
Supplied with test reports
Possible to obtain customised preterminated links: cable type, structure, length, connector type, etc

Pack	Cat.Nos	Core SC/SC tight-buffer OM3 links
		6 SC simplex - 6 SC simplex
1	1 320 03	Length 30 m
1	1 320 04	Length 40 m
1	1 320 05	Length 50 m
1	1 320 06	Length 60 m
1	1 320 07	Length 70 m
1	1 320 08	Length 80 m
1	1 320 09	Length 90 m
1	1 320 10	Length 100 m
1	1 320 12	Length 120 m
1	1 320 14	Length 140 m
1	1 320 16	Length 160 m
1	1 320 20	Length 200 m
		12 SC simplex - 12 SC simplex
1	1 320 21	Length 10 m
1	1 320 22	Length 20 m
1	1 320 23	Length 30 m
1	1 320 24	Length 40 m
1	1 320 27	Length 70 m
1	1 320 28	Length 80 m
1	1 320 29	Length 90 m
1	1 320 30	Length 100 m
1	1 320 32	Length 120 m
1	1 320 34	Length 140 m
1	1 320 36	Length 160 m

Pack	Cat.Nos	Core LC/LC tight-buffer OM3 links
		6 LC simplex - 6 LC simplex
1	1 320 41	Length 10 m
1	1 320 42	Length 20 m
1	1 320 43	Length 30 m
1	1 320 45	Length 50 m
1	1 320 46	Length 60 m
1	1 320 47	Length 70 m
1	1 320 48	Length 80 m
1	1 320 49	Length 90 m
1	1 320 50	Length 100 m
1	1 320 52	Length 120 m
1	1 320 54	Length 140 m
1	1 320 56	Length 160 m
1	1 320 58	Length 180 m
1	1 320 60	Length 200 m
		12 LC simplex - 12 LC simplex
1	1 320 61	Length 10 m
1	1 320 62	Length 20 m
1	1 320 63	Length 30 m
1	1 320 65	Length 50 m
1	1 320 66	Length 60 m
1	1 320 67	Length 70 m
1	1 320 70	Length 100 m
1	1 320 74	Length 140 m
1	1 320 78	Length 180 m
1	1 320 80	Length 200 m

Legrand cabling system, LCS³ fiber optic

High Density preterminated links

OM4 and OM5 on request

0 324 41

OM4 and OM5 on request

0 324 51 (on drum)

Selection chart **p. 970**

Supplied on a drum
Micro cables for high density cassettes
Aqua (OM3) and yellow (OS2) LSZH sheaths
Supplied with test reports (photometry)
Other configurations on request

Pack	Cat.Nos	Description	Length (m)
		Ultra MTP(1)/MTP(1) High Density preterminated fiber optic links	
		For connecting cassettes in High Density fiber optic panels and Ultra High Density drawers Female MTP(1), A polarity Low insertion loss for MTP(1) connector < 0.35 dB/ connector	
		MTP(1) OM3 micro cables	
1	0 324 41	12 MTP(1)-MTP(1) fiber optics	10
1	0 324 42	12 MTP(1)-MTP(1) fiber optics	20
1	0 324 43	12 MTP(1)-MTP(1) fiber optics	30
1	0 324 44	12 MTP(1)-MTP(1) fiber optics	40
1	0 324 45	12 MTP(1)-MTP(1) fiber optics	50
		MTP(1) OS2 micro cables	
1	0 324 51	12 MTP(1)-MTP(1) fiber optics	10
1	0 324 52	12 MTP(1)-MTP(1) fiber optics	20
1	0 324 53	12 MTP(1)-MTP(1) fiber optics	30
1	0 324 54	12 MTP(1)-MTP(1) fiber optics	40
1	0 324 55	12 MTP(1)-MTP(1) fiber optics	50

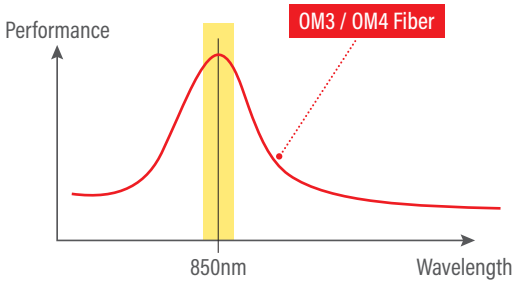
1: MTP is a registered trademark of US Conec Ltd

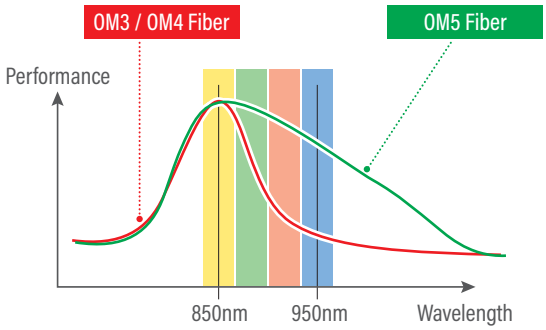
LCS³ FIBER OPTIC

Ready for future applications!

Performance and wavelength

OM3 and OM4 fibers are optimized according to the wavelength traditionally used: 850nm. To accept the 4 signals used in multimode WDM, OM5 has been redesigned to accept wavelengths from 850nm to 950nm. The diagrams below provide a graphical representation.





For more information, contact your local sales rep to get our OM5 WHITE PAPER

Legrand cabling system, LCS³ fiber optic

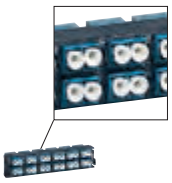
19" fiber optic drawers

0 321 62

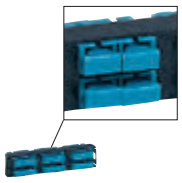
0 321 72

0 321 00

0 321 01


0 321 15

0 321 34


0 321 11

Selection chart **p. 962-965**

Pack	Cat.Nos	Equipped 19" fiber optic drawers
		Metal 19" pre-equipped fiber optic drawers, 4 cable entries, supplied with screw fixing kit, 2 cable glands (Ø 13.5 and 16 mm), coiling system and splice cassette Panel and optical ports marked on dedicated marking area
		Sliding End stop at a 30° angle Maximum capacity: 48 fibers in LC version, 24 fibers in ST and SC versions Depth 220 mm, height 1 U
1	0 321 61	SC duplex for 24 multimode fibers
1	0 321 62	LC duplex for 48 multimode fibers
1	0 321 63	ST duplex for 24 multimode fibers
1	0 321 64	SC duplex for 24 single-mode fibers
1	0 321 65	LC duplex for 48 single-mode fibers
1	0 321 66	SC APC duplex for 24 single-mode fibers
1	0 321 67	LC APC duplex for 48 single-mode fibers
		Rotating Supplied with reversible left or right opening Maximum capacity: 72 fibers in LC version, 36 fibers in SC version Depth 260 mm, height 1 U
1	0 321 71	LC duplex for 72 multimode fibers
1	0 321 72	SC duplex for 36 multimode fibers
1	0 321 73	LC duplex for 72 single-mode fibers
1	0 321 74	SC duplex for 36 single-mode fibers
		Flat and angled 19" modular fiber optic drawers
		Metal 19" modular fiber optic drawers, 8 cable entries, supplied with 2 cable glands (Ø 13.5 and 9 mm), coiling system Equipped with the new-generation Quick-Fix system for automatic (screwless) mounting on enclosure or cabinet uprights Supplied with numbered labels Maximum capacity: 96 fibers in LC version, 48 in SC version or 24 in ST version Depth 290 mm, height 1U
		Sliding, equipped End stop at a 20° angle
1	0 321 02	SC duplex for 24 multimode fibers
1	0 321 04	LC duplex for 48 multimode fibers
1	0 321 06	SC duplex for 24 single-mode fibers
		Sliding, to be equipped with fiber optic blocks Takes any fiber optic block, up to 4 blocks maximum End stop at a 20° angle
1	0 321 00	Empty drawer
		Sliding, to be equipped with fiber optic blocks - angled Takes any fiber optic block, up to 4 blocks maximum End stop at a 20° angle
1	0 321 01	Empty drawer

Pack	Cat.Nos	Fiber optic blocks
		To be clipped directly onto modular fiber optic drawers to be equipped Cat.Nos 0 321 00/01 or onto fiber optic splice cassette Cat.No 0 321 41
		Single-mode fiber blocks (9/125 µm)
1	0 321 17	ST block for 6 single-mode fibers
1	0 321 10	SC duplex block for 6 single-mode fibers
1	0 321 11	SC duplex High Density block for 12 single-mode fibers
1	0 321 12	SC APC duplex block for 6 single-mode fibers
1	0 321 13	LC duplex block for 6 single-mode fibers
1	0 321 14	LC duplex block for 12 single-mode fibers
1	0 321 15	LC duplex High Density block for 24 single-mode fibers
1	0 321 16	LC APC duplex block for 12 single-mode fibers
1	0 321 33	Single-mode 4 MTP(1) feedthrough adaptor, key up/key down
1	0 321 19	Single-mode 8 MTP(1) feedthrough adaptor, key up/key down
		Multimode fiber blocks (62.5 and 50/125 µm)
1	0 321 27	ST block for 6 multimode fibers
1	0 321 20	SC duplex block for 6 multimode fibers
1	0 321 21	SC duplex High Density block for 12 multimode fibers
1	0 321 23	LC duplex block for 6 multimode fibers
1	0 321 24	LC duplex block for 12 multimode fibers
1	0 321 25	LC duplex High Density block for 24 multimode fibers
1	0 321 34	Multimode 4 MTP(1) feedthrough adaptor, key up/key down
1	0 321 18	Multimode 8 MTP(1) feedthrough adaptor, key up/key down
1	0 321 36	LC duplex block for 6 multimode fibers - aqua
1	0 321 37	LC duplex block for 12 multimode fibers - aqua
		RJ 45 copper block for fiber optic drawer
1	0 321 32	To be clipped directly onto modular fiber optic drawers to be equipped Cat.Nos 0 321 00/01 Allows the mixing of fiber optic and copper Takes up to 5 RJ 45 connectors
		Accessories for fiber optic drawer to be equipped
		Accessory for receipt of a fan-out
1	0 321 28	To be clipped onto the back of the drawer Enables the entry of preterminated links
		Blanking plate
1	0 321 29	Blanking plate
		Cassette for pigtails
1	0 321 30	Capacity: 24 fibers
		Coiling kit
1	0 321 31	1 accessory

1: MTP is a registered trademark of US Conec Ltd

Red catalogue numbers: New products

Legrand cabling system, LCS³ fiber optic

19" High Density fiber optic panels (1/2/4 U) and patching kits

Panel 0 321 76 equipped with support 0 321 38 and slim cassettes 0 321 69/70

0 321 38

OM5 on request

0 321 69

0 321 70

Selection chart **p. 962-965**

Pack	Cat.Nos	19" High Density fiber optic panels
		Panels to be equipped with cassettes
		Equipped with Quick-Fix system for automatic (screwless) mounting on enclosure or cabinet uprights To be equipped directly with a maximum of 4 automatically removable cassettes or 4 supports for slim cassettes Cat. No 0 321 38 per U Maximum capacity per U: 48 fibers in SC version, 24 fibers in ST version or 96 fibers in LC version 2U and 4U versions equipped with door and cord management at the front, and with cable management at the back
1	0 321 75	1 U height, depth 182 mm
1	0 321 76	2 U height, depth 393 mm
1	0 321 77	4 U height, depth 393 mm
		Accessories for panels
1	0 321 78	Front cord management kit for 1 U panel Fits on 1 U modular panel Cat.No 0 321 75 2 side cord guides and front door with integrated marking to ensure correct front and side cord management Cord holder to be mounted on cassette to make it easier to pass cords through the side
1	0 321 46	Rear cable management accessory Fits on 1 U panel Cat. No 0 321 75
1	0 321 28	Accessory for receipt of a fan-out To be clipped onto the back of the drawer Enables the entry of preterminated links
1	0 321 22	Copper cable management accessory
4	0 321 26	Set of 4 cord holders To be mounted on any cassette to make it easier to pass cords through the side
1	0 321 05	Rear accessory for fixing 4 cable glands
		Ultra preterminated MTP(1) High Density cassettes (MPO compatible)
		For installation in modular panels Cat. Nos 0 321 75/76/77 and in Zero-U kit Cat. No 0 321 03 Slim cassettes to be installed with support Cat. No 0 321 38 Sliding cassettes which can be removed automatically by simply pressing them, simplifying installation and maintenance Removable from the front and back Multimode - Insertion Loss Max/Random(2): 0.55 dB Single-mode - Insertion Loss Max/Random(2): 0.6 dB Prewired, equipped at the rear with one or two male MTP(1) connectors with 12 fibers LC or SC connectors at the front
		Ultra cassettes
1	0 321 42	Multimode OM4 cassette (50/125 µm) 24 LC fibers, A/C polarity
1	0 321 48	Multimode OM4 cassette (50/125 µm) 12 LC fibers, A/C polarity
1	0 321 43	Multimode OM4 cassette (50/125 µm) 12 SC fibers, A/C polarity
1	0 321 44	Single-mode OS2 cassette (9/125 µm) 24 LC fibers, A/C polarity
1	0 321 49	Single-mode OS2 cassette (9/125 µm) 12 LC fibers, A/C polarity
1	0 321 45	Single-mode OS2 cassette (9/125 µm) 12 SC fibers, A/C polarity

1: MTP is a registered trademark of US Conec Ltd

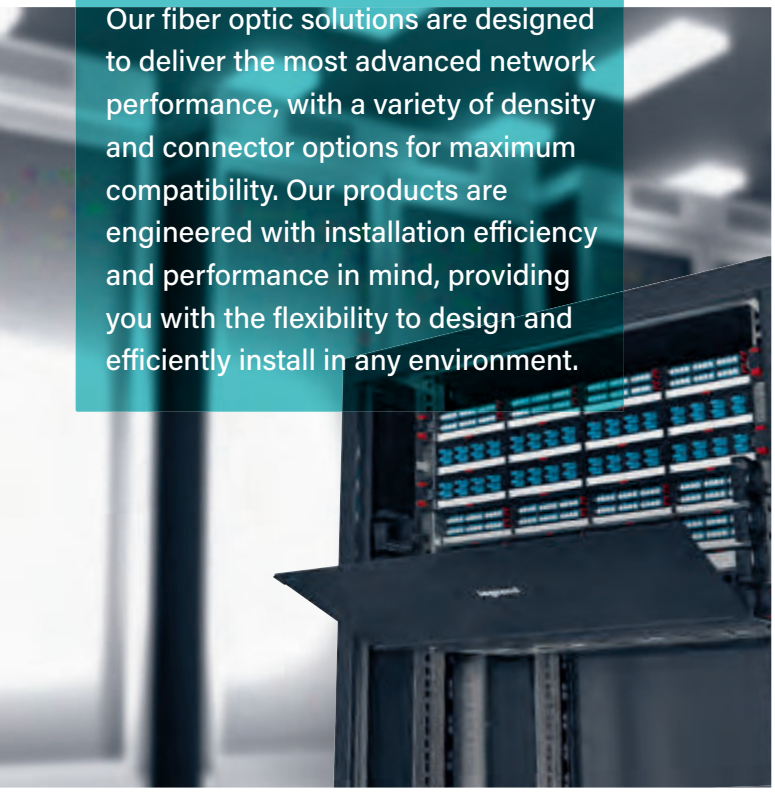
2: When mated with the same Legrand range (Ultra & Core) trunks and patch cords

Pack	Cat.Nos	Preterminated MTP(1) High Density cassettes (MPO compatible) (continued)
		Ultra slim cassettes
1	0 321 38	Support for High Density slim cassettes Takes up to 2 High Density slim cassettes Cat.Nos 0 321 68/69/70 and up to 2 blanking cassettes Cat.No 0 321 39 or 1 cassette + 1 blanking cassette Possibility to mix slim single-mode and multimode cassettes on the same support
1	0 321 69	Slim multimode OM4 cassette (50/125 µm) 12 LC fibers, Universal polarity
1	0 321 68	Slim multimode OM3 cassette (50/125 µm) 12 LC fibers, Universal polarity
1	0 321 70	Slim single-mode OS2 cassette (9/125 µm) 12 LC fibers, Universal polarity
1	0 321 39	Slim blanking module to be mounted (x2) on support Cat.No 0 321 38 to fill gaps in the panel
		Core pre-equipped cassettes
		For installation in modular panels Cat. Nos 0 321 75/76/77 and Zero-U kit Cat.No 0 321 03 Pre-equipped cassettes with fitted fiber optic block + sets of 6 or 12 OM3 pigtails Sliding cassettes which can be removed automatically by simply pressing them, simplifying installation and maintenance Removable from the front
		Pre-equipped cassettes for multimode installation (50/125 µm)
1	0 321 80	Equipped with 1 SC duplex block for 6 fibers
1	0 321 81	Equipped with 1 LC duplex block for 6 fibers
1	0 321 82	Equipped with 1 SC duplex block for 12 fibers
1	0 321 83	Equipped with 1 LC duplex block for 12 fibers
		Pre-equipped cassettes for single-mode installation (9/125 µm)
1	0 321 84	Equipped with 1 SC duplex block for 6 fibers
1	0 321 85	Equipped with 1 LC duplex block for 6 fibers
1	0 321 86	Equipped with 1 SC duplex block for 12 fibers
1	0 321 87	Equipped with 1 LC duplex block for 12 fibers
		Cassettes to be equipped and blanking plate
		For installation in modular panels Cat. Nos 0 321 75/76/77 and Zero-U kit Cat. No 0 321 03 Sliding cassettes which can be removed automatically by simply pressing them, simplifying installation and maintenance Removable from the front
		Fiber optic splice cassette
1	0 321 41	Takes any modular fiber optic block
		Blanking cassette
1	0 337 57	To be used to fill gaps in the panel
		Copper cassette to be equipped
1	0 337 55	Takes six cat. 5e, 6 and 6_A copper connectors
		Patching kits
		1 U to 4 U patching kit
1	0 321 89	Compatible with all LCS³ fiber optic and copper 19" panels Supplied with top protection, cable guides and specific accessories for installation on cable trays, wire meshed cable trays (Cablofil) and cabinets
		Zero-U patching kit
1	0 321 03	To bring few fiber optic or copper connections outside 19" panels Takes 1 cassette (fiber optic preterminated cassettes, pre equipped cassettes, fiber optic splice cassette or RJ 45 copper cassette) Supplied with a comprehensive range of accessories for fixing in or outside enclosures (raised access floors, cable trays, walls, ceiling)

Red catalogue numbers: New products

LCS³ FIBER OPTIC

Advanced network performance



Our fiber optic solutions are designed to deliver the most advanced network performance, with a variety of density and connector options for maximum compatibility. Our products are engineered with installation efficiency and performance in mind, providing you with the flexibility to design and efficiently install in any environment.

A complete range to meet all installation requirements

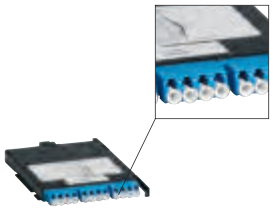
- OM4/OM3/OS2 cables, preterminated links and patch cords
- 19" basic, High Density and Ultra High Density panels & drawers
- Fiber optic blocks, cassettes to be equipped, pre-equipped cassettes and preterminated MTP High Density cassettes (MPO compatible)
- Patching kits (Zero-U to 4 U)
- Pigtails, glue-on connectors and fan-out units
- Case and quick-connect connectors
- Feedthrough sockets

Infinium fiber optic solutions for data centers See p. 1028-1029
Meet-Me Room fiber optic solutions See p. 1030

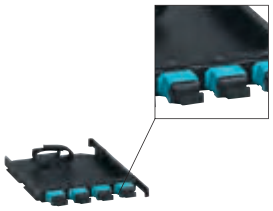
Legrand cabling system, LCS³ fiber optic

19" UHD[1] fiber optic drawers

0 321 50



0 321 55



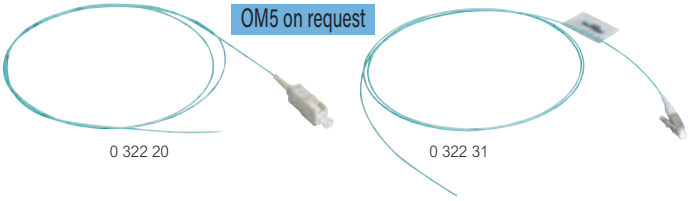
0 321 56

Pack	Cat.Nos	UHD[1] modular fiber optic drawers, to be equipped with 12-fiber cassettes
		Fixed modular chassis for holding cassettes 4 U maximum capacity (holds up to 48 cassettes): 576 LC fibers 2 U maximum capacity (holds up to 24 cassettes): 288 LC fibers 1 U maximum capacity (holds up to 12 cassettes) 144 LC fibers
		Fiber optic drawers with cord management at the front and back for 12-fiber cassettes Depth: 595 mm
1	0 321 50[3]	1 U
1	0 321 52[3]	2 U
		UHD[1] 12-fiber cassettes
		Clip directly into fiber optic drawers Cat.Nos 0 321 50/52 Cassettes slide into above chassis Cassettes can be removed from the front and back MPO high-performance cassettes Low insertion loss < 0.35 dB A/C polarity
		Multimode OM4 cassettes (50/125 µm) For 50/125 µm multimode installation, OM4 type
1	0 321 54[3]	MPO cassette (MTP[2] compatible) 12 OM4 LC fibers, polarity A/C
		Single-mode OS2 cassette (9/125 µm) For 9/125 µm single-mode installation, OS2 type
1	0 321 55[3]	MPO cassette (MTP[2] compatible) 12 OS2 LC fibers, polarity A/C
		Adaptors for 12-fiber UHD[1] installation
		Clip into UHD[1] fiber optic drawers for 12-fiber cassettes Cat.Nos 0 321 50/52
		MPO adaptor (MTP[2] compatible)
1	0 321 56[3]	Multimode 4 MTP[2] adaptor - key up/key down
		LC adaptor
1	0 321 58[3]	12 LC multimode adaptor

1: Ultra High Density
2: MTP is a registered trademark of US Conec Ltd
3: Available until stock lasts

Legrand cabling system, LCS³ fiber optic

pigtails and fan-out units



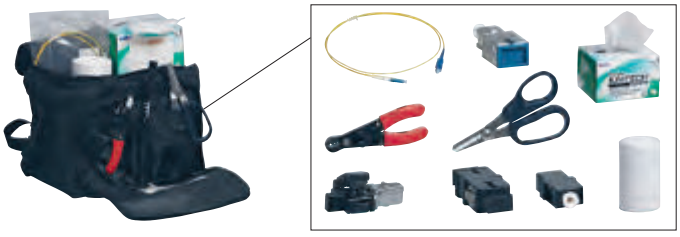
0 322 20 0 322 31

Selection chart **p. 966-967**

Pack	Cat.Nos		
			Core pigtails
			LSZH For making quick, reliable and high-performance fiber optic cable connections on site: - OM2/OM3/OM4 IL Typical/Master = 0.15 dB - OS2 IL Typical/Master = 0.18 dB Compatible with all commercially-available splicers
	1 m	2 m	
			50/125 µm - OM3 (PC)
1	0 322 20	0 322 23	SC connectors
1	0 322 21	0 322 24	LC connectors
1	0 322 22		ST connectors
			50/125 µm - OM4 (PC)
1	0 322 30	0 322 33	SC connectors
1	0 322 31	0 322 34	LC connectors
1	0 322 32		ST connectors
			9/125 µm - OS2 (APC or UPC) - OS1 compatible
1	0 322 40	0 322 45	SC-APC connectors
1	0 322 41	0 322 46	SC-UPC connectors
1	0 322 42	0 322 48	LC-APC connectors
1	0 322 43	0 322 47	LC-UPC connectors
1	0 322 44		ST-UPC connectors
			Sets of 12 LC pigtails
			1m length - 12 different colors
1	0 326 24		12 OS2 LC-UPC pigtails
1	0 326 26		12 OM3 LC-UPC pigtails
1	0 326 71		12 OM4 LC-UPC pigtails
			Heat-shrinkable sleeve for pigtails
1	0 327 44		40 mm - pack of 50 sleeves
			Fan-out units
			For 900 µm sheathing of optical fibers Take 250 µm fiber diameters
1	0 330 48		6-fiber fan-out unit
1	0 330 49		12-fiber fan-out unit

Legrand cabling system, LCS³ fiber optic

case and quick-connect connectors



0 322 70

0 322 72 0 322 73 0 322 75

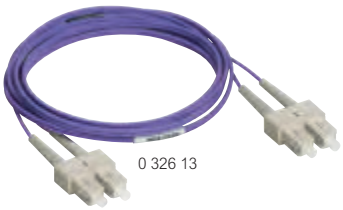
0 322 83 0 322 81

Pack	Cat.Nos	
		Tool case for preparing optical fiber for quick-connect fiber optic connectors
1	0 322 70	Provides the tools required for preparing optical cables, for carrying out initial tests of the connection of fibers to connectors and accessories for easy connection in all situations Comprises: - Precision cleaver - Kevlar stripping and cutting tool - Visual fault locator - Installation instructions and video - Accessories (cleaners, felt tip pen, bin, etc)
		Quick-connect connectors
		Connection can be made with case Cat.No 0 322 70 Quick-connect, reliable and reusable up to 5 times To be used to lock the fiber inside the connector An indicator light is used to test the connection No glue or polishing needed Can be installed on 900 µm fiber optics For 250 µm fiber, use the special tubes supplied with the connectors; typical IL: multimode OM3/OM4 = 0.1 dB and single-mode OS2 = 0.2 dB (PC) and 0.3 dB (APC)
		OM3/OM4 multimode connectors
		Set of 12 connectors
12	0 322 71	LC PC 50/125 µm, 900/250 µm
12	0 322 72	SC PC 50/125 µm, 900/250 µm
		OS2 single-mode connectors
		Set of 12 connectors
12	0 322 73	LC UPC 9/125 µm, 900/250 µm
12	0 322 74	SC UPC 9/125 µm, 900/250 µm
12	0 322 75	SC APC 9/125 µm, 900/250 µm
		Fiber optic cleaning accessories
1	0 322 83	MPO/MTP(1) ferrule cleaner
1	0 322 81	LC ferrule cleaner (PC/APC)
1	0 322 82	SC ferrule cleaner (PC/APC)
1	0 322 78	Cleaning spray

1: MTP is a registered trademark of US Conec Ltd

Legrand cabling system, LCS³ fiber optic

Core™ fiber patch cords



Selection chart **p. 968-969**

Fitted at each end with 2 connectors with ceramic ferrule
Individually packed and tested (report supplied)
Max. optical losses/Master: 0.25 dB
LSZH Zipcord sheath

Pack	Cat.Nos	OS2 single-mode fiber optic cords (9/125 µm)
		For 9/125 µm single-mode installations, OS2 type Yellow sheaths
		SC/SC duplex cords
3	0 326 00	Length: 1 m
3	0 326 01	Length: 2 m
3	0 326 02	Length: 3 m
		SC/LC duplex cords
3	0 326 03	Length: 1 m
3	0 326 04	Length: 2 m
3	0 326 05	Length: 3 m
		LC/LC duplex cords
3	0 326 28	Length: 0.5 m
3	0 326 06	Length: 1 m
3	0 326 07	Length: 2 m
3	0 326 08	Length: 3 m
3	0 326 29	Length: 5 m
		OM3 multimode fiber optic cords (50/125 µm)
		For 50/125 µm multimode installations, OM3 type Aqua sheaths
		SC/SC duplex cords
3	0 326 09	Length: 1 m
3	0 326 10	Length: 2 m
3	0 326 11	Length: 3 m
		SC/LC duplex cords
3	0 326 12	Length: 1 m
3	0 326 13	Length: 2 m
3	0 326 14	Length: 3 m
		LC/LC duplex cords
3	0 326 15	Length: 1 m
3	0 326 16	Length: 2 m
3	0 326 17	Length: 3 m
		OM4 multimode fiber optic cords (50/125 µm)
		For 50/125 µm multimode installations, OM4 type Aqua sheaths
		SC/SC duplex cords
5	0 322 60	Length: 1 m
5	0 322 61	Length: 2 m
5	0 322 62	Length: 3 m
		SC/LC duplex cords
5	0 322 63	Length: 1 m
5	0 322 64	Length: 2 m
5	0 322 65	Length: 3 m
		LC/LC duplex cords
5	0 322 66	Length: 1 m
5	0 322 67	Length: 2 m
5	0 322 68	Length: 3 m

Legrand cabling system, LCS³ fiber optic

Ultra™ fiber patch cords

Selection chart **p. 968-969**

Fitted at each end with 2 connectors with ceramic ferrule
Individually packed and tested (report supplied)
Max. optical losses/Master: 0.15 dB
LSZH Zipcord sheath

Pack	Cat.Nos	OS2 single-mode fiber optic cords (9/125 µm)
		For 9/125 µm single-mode installations, OS2 type Yellow sheaths
		SC/SC duplex cords
5	0 325 27	Length: 1 m
5	0 325 28	Length: 2 m
5	0 325 29	Length: 3 m
		SC/LC duplex cords
5	0 325 30	Length: 1 m
5	0 325 31	Length: 2 m
5	0 325 32	Length: 3 m
		LC/LC duplex cords
5	0 325 33	Length: 1 m
5	0 325 34	Length: 2 m
5	0 325 35	Length: 3 m
5	0 325 36	Length: 5 m
		LC/LC Uniboot duplex cords Reversible polarity
3	0 326 86	Length: 1 m
3	0 326 87	Length: 2 m
3	0 326 88	Length: 3 m
3	0 326 89	Length: 5 m
3	0 326 92	Length: 10 m
		OM4 multimode fiber optic cords (50/125 µm)
		For 50/125 µm multimode installations, OM4 type Aqua sheaths
		SC/SC duplex cords
3	0 326 30	Length: 1 m
3	0 326 31	Length: 2 m
3	0 326 32	Length: 3 m
		LC/LC duplex cords
3	0 326 33	Length: 0.5 m
3	0 326 34	Length: 1 m
3	0 326 35	Length: 2 m
3	0 326 36	Length: 3 m
3	0 326 37	Length: 5 m
		LC/LC Uniboot duplex cords Reversible polarity
3	0 326 95	Length: 0.5 m
3	0 326 96	Length: 1 m
3	0 326 97	Length: 2 m
3	0 326 98	Length: 3 m
3	0 326 99	Length: 5 m

Legrand cabling system, LCS³ fiber optic

feedthrough sockets

0 786 16

0 786 17

0 786 18

0 786 14

Pack	Cat.Nos	Fiber optic feedthrough sockets
		Equipped with a duplex feedthrough To be used to connect two fibers (equipped with their connector) Supplied with protection caps Equipped with a transparent marker-holder 2 modules
		2 x ST socket Bayonet connection (STII compatible)
1	0 786 16	○ White
		2 x SC socket Push-pull connection
1	0 786 17	○ White
		2 x LC socket Push-pull connection
1	0 786 18	○ White
		2 x SC/APC socket Push-pull connection With shutters
1	0 786 14	○ White
1	0 794 15L	◉ Aluminium
1	0 791 14L	● Matt Black

AUDIO/VIDEO SYSTEM

The right system to meet your needs

Benefit from a wide range of technologies (HDMI, Display Port, HD15, Jack, RCA) to suit any location and user requirements. Our offer ensures quick installation, easy connection and optimum performance!

HDMI preterminated female socket

Preterminated female jack socket

Audio socket

Preterminated 2 female RCA sockets

Cords

Adaptors

Installation flexibility

Our audio-video solutions can be installed on the wall (flush-mounting), in floor boxes, floor sockets, multi-outlet extensions, DLP trunking systems...

Red catalogue numbers: New products

Audio/video system

audio/video sockets

0 787 78

0 789 79L

0 517 38

0 787 77

0 787 99

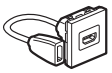
Type-A HDMI sockets

For transmitting High Definition digital audio/video streams between a source (computer, DVD or Blu-Ray player, etc) and a compatible receiver (TV, video projector, etc.)
Max. length between 2 sockets: 10 m

HDMI 2.0 preterminated sockets - 1 module
Equipped with a 15 cm cord and 2 female connectors

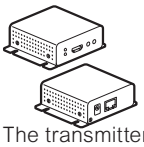
Pack	Mosaic	Arteor	
1	0 787 78	5 720 96	○ White
1	0 793 78		● Aluminium
1	0 794 78L		● Matt Black
1		5 725 96	● Magnesium
1		5 725 18	● Champagne
1		5 725 17	● Soft Alu

HDMI 2.0 preterminated sockets - 2 modules



Pack			
1	0 789 79L	5 722 99	○ White
1	0 792 79L		● Aluminium
1	0 794 79L		● Matt Black
1		5 725 99	● Magnesium
1		5 723 46	● Champagne
1		5 723 45	● Soft Alu

HDMI audio/video extender



Pack	Cat.Nos
1	0 517 38

For connecting HDMI terminals up to 60 m apart
The kit comprises transmitter and receiver units as well as power supplies
The transmitter and receiver are linked by an RJ 45/RJ 45 cable (not supplied)
Compatible with 4K, 3D, EDID and HDCP
Infrared controller included
Certified HDBaseT

Display Port sockets

For transmitting High Definition digital audio/video streams between a source (laptop computer, DVD or Blu-Ray player, etc) and a compatible receiver (video projector, TV, etc.)
Max. length between 2 sockets: 10 m
Preterminated sockets - 1 module
Equipped with a 15 cm cord and 2 female connectors

Pack	Mosaic	Arteor	
1	0 787 91	5 720 90	○ White
1		5 725 90	● Magnesium

Female HD15 sockets

For transmitting analogue video streams between a source (computer) and a compatible receiver (video projector, TV, computer screen, etc.)
VGA to UXGA resolution
Max. length between 2 sockets: 15 m

Preterminated sockets - 1 module
Equipped with a 15 cm cord and 2 female connectors

Pack	Mosaic	Arteor	
1	0 787 77	5 720 97	○ White
1	0 793 77		● Aluminium
1		5 725 97	● Magnesium

Screw-type sockets - 2 modules

Pack			
1	0 787 57[1]	5 722 82	○ White

Screw-type sockets + 3.5 mm Jack - 2 modules

Pack			
1	0 787 74	5 722 88	○ White
1		5 727 88	● Magnesium

Infrared ON/Standby controls for video projector

To be used to switch on a video projector or set it to standby
Must be combined with a push-button
Work with any infrared video projector or other product with an infrared remote control (TV, air conditioning, games console, etc.) using a learning process
Installed near the switch controlling the lighting in a room, the push-button sends the command to the IR ON/Standby control which replaces the manufacturer's remote control and makes it easier to switch the video projector on and off

Pack	Mosaic	
1	0 787 99	○ White

1: Can be installed in receptacles for floor sockets

Audio/video cords, **See p. 1008**

Red catalogue numbers: New products

Audio/video system

audio/video sockets (continued)

0 787 79

0 787 47

0 787 54

0 787 55

0 787 60

0 787 50

0 787 76

3.5 mm female Jack sockets

For making audio links

Preterminated sockets - 1 module
Equipped with a 15 cm cord and 2 female connectors

Pack	Mosaic	Arteor	
1	0 787 79	5 720 91	○ White
1	0 793 79		● Aluminium
1	0 795 79L		● Matt Black
1		5 725 91	● Magnesium
1		5 725 59	● Champagne
1		5 725 55	● Soft Alu

Screw-type sockets - 1 module

Pack	Mosaic	Arteor	
1	0 787 64	5 722 74	○ White
1	0 795 64L		● Matt Black
1		5 727 74	● Magnesium
1		5 724 91	● Champagne
1		5 724 90	● Soft Alu

Solder-type sockets - 1 module

Pack	Mosaic	Arteor	
1	0 787 73	5 722 78	○ White

2 female RCA sockets

Provide the stereo audio link for any peripheral device such as a DVD player, camera, video recorder, etc.
1 module

Preterminated
Equipped with a 15 cm cord and 2 female connectors

Pack	Mosaic	Arteor	
1	0 787 47	5 720 92	○ White
1		5 725 92	● Magnesium
1		5 724 79	● Champagne
1		5 724 75	● Soft Alu

Connection via screw terminals

Pack	Mosaic	Arteor	
1	0 787 53	5 722 72	○ White
1		5 727 72	● Magnesium
1		5 724 95	● Champagne
1		5 724 94	● Soft Alu

3 female RCA sockets

Provide the stereo audio link and composite video for any peripheral device such as a DVD player, camera, video recorder, videoconferencing, etc.
1 module

Connection via screw terminals

Pack	Mosaic	Arteor	
1	0 787 54	5 722 73	○ White
1	0 792 54		● Aluminium
1		5 727 73	● Magnesium
1		5 724 97	● Champagne
1		5 724 96	● Soft Alu

3-pole XLR sockets

Provide the stereo link for any peripheral device, microphone, amplifier, mixing console, etc.
Recommended cable: 1 shielded audio pair 0.14 mm² to 0.50 mm²
Max. cable length: 50 m (without amplifier)
Fast screw connection
2 modules

Female sockets

Pack	Mosaic	Arteor	
1	0 787 55	5 722 83	○ White
1	0 792 55		● Aluminium
1	0 795 55L		● Matt Black
1		5 727 83	● Magnesium
1		5 724 99	● Champagne
1		5 724 98	● Soft Alu

Male sockets

Pack	Mosaic	Arteor	
1	0 787 56	5 722 77	○ White

Speakon socket - 4 contacts

To be used to connect powered speakers
Recommended cable: 2 audio pairs 4 mm² max.
Max. cable length: 50 m (without amplifier)
2 modules

Pack	Mosaic	
1	0 787 60	○ White

Loudspeaker sockets

For loudspeaker stereo audio link
4 mm² terminal

Sockets - 1 module

Pack	Mosaic	Arteor	
10	0 787 50	5 722 70	○ White
10	0 792 50		● Aluminium
10	0 795 50L		● Matt Black
10		5 727 70	● Magnesium
10		5 726 97	● Champagne
10		5 726 96	● Soft Alu

Sockets - 2 modules

Pack	Mosaic	Arteor	
10	0 787 51	5 722 80	○ White
10	0 795 51L		● Matt Black
10		5 727 80	● Magnesium
10		5 726 99	● Champagne
10		5 726 98	● Soft Alu

100 V line attenuators

25 W - 2 modules
To be used to control the power from a 100 V PA system line

Pack	Mosaic	Arteor	
1	0 787 76	5 722 84	○ White
1		5 727 84	● Magnesium

Female BNC 75 sockets - 1 module

Provide the composite video link for any peripheral device such as a DVD player, camera, video recorder, etc.

Pack	Mosaic	Arteor	
1	0 787 58	5 722 76	○ White
1		5 727 76	● Magnesium

USB Data socket,
See p. 1009

Red catalogue numbers: New products

Audio/video system

HDMI cords and adaptor

0 517 33

0 517 27

Pack	Cat.Nos		HDMI cords and adaptor
	Plastic bag	Plastic bag with hook	
			High Speed HDMI® cords with Ethernet For connecting an HDMI socket to the audiovideo terminal (TV, DVD or Blu-Ray player, Home Cinema, games console, etc.) HDMI 2.0 cords Support 4K and 1080P video resolution Gold-plated connectors
1	0 517 32	0 398 51	Length 1 m
1	0 517 33	0 398 52	Length 2 m
1	0 517 34	0 398 53	Length 3 m
1	0 517 27	0 398 54	Length 5 m
1	0 517 35	0 398 55	Length 7 m
			Standard HDMI® cords with Ethernet For connecting an HDMI socket to the audio video terminal (TV, DVD or Blu-Ray player, Home Cinema, games console, etc.) HDMI 1.4 cords Support 1080i and 720P video resolution Gold-plated connectors
1	0 517 20		Length 10 m
1	0 517 36		Length 15 m
			90° HDMI adaptor
1	0 517 37		Male HDMI to female HDMI with 90° angle To be used to make a connection when space is limited

Audio/video system

USB Type-C adaptors, cords and data cords

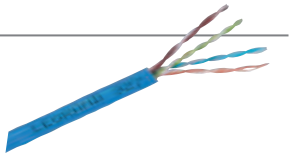
0 514 12

0 514 10

Pack	Cat.Nos		USB Type-C adaptors
	Plastic bag	Plastic bag with hook	
1	0 514 12	0 398 66	**Male USB 3.1 Type-C/female HDMI adaptors** For connecting a USB Type-C device to the HDMI port of a video projector or TV set to play audio and video
			USB 3.1 Type-C cords
1	0 514 10	0 398 63	Male USB 3.1 Type-C/male Type-C cord - length 1 m To be used to load, transfer data and play audio/video
			USB data cords
			To be used to transfer data between a USB Data socket and a peripheral (hard disk, printer, scanner, etc.) Length 2 m
1	0 514 01		Male USB 3.0 A/male A cord
1	0 514 11	0 398 64	Male USB 2.0 Type-C/male USB-A cord
			Cat. 6 U/UTP RJ 45 cords
			RJ 45 - RJ 45 flat
1	0 517 73	0 398 74	Length 2 m
1	0 517 75	0 398 75	Length 5 m

HDMI extender
p. 1006

Other RJ 45 Cat. 6 U/UTP cords lengths,
p. 985



Audio/video system

USB Data and SUB D data sockets

0 787 46

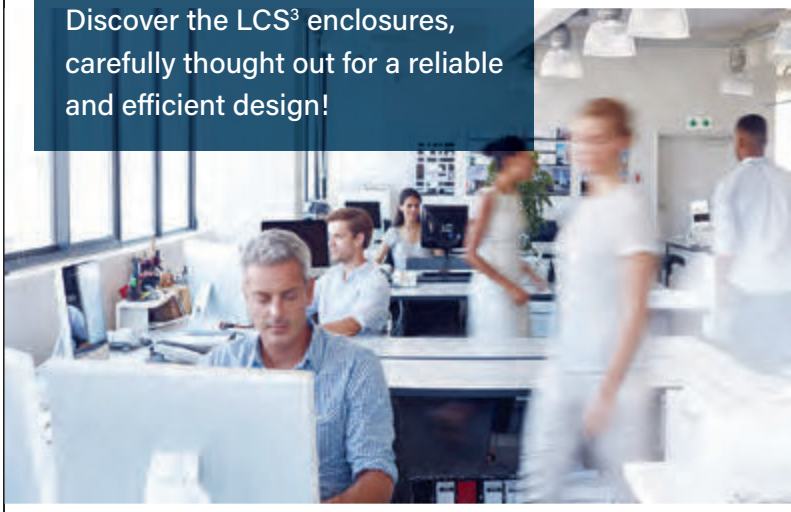
0 787 48

Pack	Cat.Nos		
			Female USB Data sockets
			For connecting USB devices (printer, scanner, external hard drive, interactive panel) 1 module
			Preterminated - USB 2.0 Max. cable length: 5 m Recommended cable: USB A Equipped with cable length 15 cm
	Mosaic	Arteor	
1	0 787 46	5 720 94	○ White
1		5 725 94	● Magnesium
1		5 725 76	● Champagne
1		5 725 75	● Soft Alu
			Screw-type - USB 2.0 Max. cable length: 5 m Recommended cable: USB A Connection using screw terminal blocks with 1 mm² cross-section
1	0 787 61	5 722 75	○ White
1		5 727 75	● Magnesium
1		5 725 53	● Champagne
1		5 725 52	● Soft Alu
			Female USB Data Type-A extender - for data transfer
	Mosaic	Arteor	
1	0 787 48	5 720 23	○ White For connecting a USB peripheral (keyboard, mouse, digital control panel, etc.) to a source (computer) located more than 5 m away (up to 30 m) The kit contains a transmitter (1 module) and a receiver (1 module) The transmitter and receiver are linked by an RJ 45/RJ 45 cable (not supplied)
			SUB D socket
	Mosaic		
1	0 787 65		○ White 2 modules 9 contacts with screw-type connector for RS 232 serial link

LCS³ ENCLOSURES

Astuteness and efficiency ensured!

Discover the LCS³ enclosures, carefully thought out for a reliable and efficient design!



Solutions covering all needs

A technical room must accommodate IT infrastructure in the most efficient way possible. Infrastructure needs the space to grow and evolve with new circumstances, technology, and user requirements.
Therefore, modifications and innovations are also necessary to help ensure improved uptime, efficiency, security, and sustainability. The LCS³ enclosures offer you the space to accommodate whatever comes next!

A comprehensive range

- 19" server cabinets, 19" cabling cabinets and accessories (airflow management, cable management, mechanical accessories...)
- Flatpack server cabinets with side panels
- Wall-mounting cabinets and accessories (thermostat, cable rings, profiles, glass doors)
- Cabling openrack and accessories (cable management, cable tray, panels...)

Legrand cabling system LCS³ enclosures

server cabinets

4 464 07

4 464 17

Colour: Black RAL 9005
Frame: aluminium, demountable
Load capacity: 1500 kg (static)
80 % perforated front door and 80 % perforated double rear doors: all doors are fitted with a Fix-easy swivel handle with a EK333 locking
Roof : 2 cut-outs (filled with blind plates and brushes)
Interior: cabinet equipped with 4 x 19" profiles including height (U) indication
Distance to the cabinet with airflow front: set to 80 mm (pitch set to 100 mm)
Distance to the cabinet front: set to 175 mm (pitch set to 100 mm)
Server cabinets supplied without side panels
Flatpack server cabinets supplied with side panels
Server cabinets with airflow management are supplied with an airflow management package keeping the loss of air to a minimum, thus improving energy efficiency
Cabinets equipped with leveling feet
Server cabinets with airflow management are supplied with a sideskirt with cut-outs and blind panels

LCS³ 19" server cabinets

Pack	Cat.Nos	Capacity	Width (mm)	Depth (mm)
1	4 464 00	42 U	600	1000
1	4 464 01	42 U	600	1200
1	4 464 02	42 U	800	1000
1	4 464 03	42 U	800	1200
1	4 464 04	47 U	600	1000
1	4 464 05	47 U	600	1200
1	4 464 06	47 U	800	1000
1	4 464 07	47 U	800	1200

LCS³ 19" server cabinets with air flow management

		Capacity	Width (mm)	Depth (mm)
1	4 464 10	42 U	600	1000
1	4 464 11	42 U	600	1200
1	4 464 12	42 U	800	1000
1	4 464 13	42 U	800	1200
1	4 464 14	47 U	600	1000
1	4 464 15	47 U	600	1200
1	4 464 16	47 U	800	1000
1	4 464 17	47 U	800	1200

Side panels for server cabinets

Set of 2, with plinths

		Capacity	Depth (mm)
2	4 464 20	42 U	1000
2	4 464 21	42 U	1200
2	4 464 22	47 U	1000
2	4 464 23	47 U	1200

LCS³ Flatpack server cabinets, including side panels

Flatpack cabinets have the same configuration as Cat.Nos 4 464 02 and 4 464 03 respectively, only with side panels

		Capacity	Width (mm)	Depth (mm)
1	4 464 25	42 U	800	1000
1	4 464 26	42 U	800	1200

cabling cabinets

4 464 34

Colour: Black RAL 9005
Frame: aluminium, demountable
Load capacity: 1500 kg (static)
Glass front door and blind steel door in the back: all doors are fitted with a Fix-easy swivel handle with a EK333 locking
Roof: 3 cut-outs (the left and right ones have blind plates and brushes, the center one has a blind plate)
Interior: cabinet equipped with 4 x 19" profiles including height (U) indication
Distance to the cabinet front: set to 175 mm (pitch set to 100 mm)
Cabinets delivered with side panels
Cabinets equipped with leveling feet

LCS³ 19" cabling cabinets - 800 mm wide

Pack	Cat.Nos	Capacity	Width (mm)	Depth (mm)	Height (in mm)
1	4 464 30	24 U	800	800	1300
1	4 464 31	24 U	800	1000	1300
1	4 464 32	42 U	800	800	2000
1	4 464 33	42 U	800	1000	2000
1	4 464 34	47 U	800	800	2200
1	4 464 35	47 U	800	1000	2200

Legrand cabling system LCS³ enclosures

accessories for server cabinets and cabling cabinets

4 464 94

4 464 99

4 464 75

4 464 63

4 464 62

4 464 72

4 464 78

4 464 80

4 464 82 (mounted on height profile)

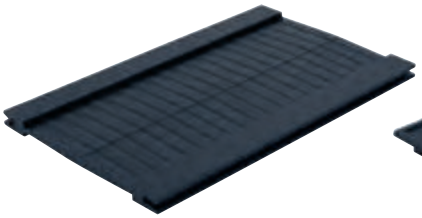
Pack	Cat.Nos	Accessories for airflow management
		Front panels
25	4 464 94	1U front panels Plastic To be mounted in between the 19" profiles No tools needed to secure the panel
		Sideskirt brush
1	4 464 75	Sideskirt brush, depth 200 mm
		Plinths Front-rear sheet metal plinths to be added in order to increase the level of airtightness To be associated with leveling feet Black
1	4 464 99	Width 600 mm. Height 0-25 mm
1	4 464 59	Width 800 mm. Height 0-25 mm
1	4 464 57	Width 600 mm. Height 22-47 mm
1	4 464 58	Width 800 mm. Height 22-47 mm
		Accessories for cable management
		Cable trays Powdercoated cable trays, width 200 mm Black
1	4 464 63	Height: 24U
1	4 464 64	Height: 42U
1	4 464 65	Height: 47U
		Wiremesh cable trays Zinc-blue passivated wiremesh cable trays, width 200 mm
1	4 464 62	Height: 24U
1	4 464 60	Height: 42U
1	4 464 61	Height: 47U
		Strips U-shaped sheet metal strips for toolless mounting of cable management accessories in front of VMRs Black
1	4 464 70	Height: 24U
1	4 464 71	Height: 42U
1	4 464 72	Height: 47U

Pack	Cat.Nos	Accessories for cable management (continued)
		Cable guides To be mounted on vertical cable management profiles that attach to the VMRs Include a snap-on feature enabling the installation of bend radius cover Cat.No 4 464 76
1	4 464 91	Height: 24U
1	4 464 92	Height: 42U
1	4 464 93	Height: 47U
1	4 464 76	Bend radius cover To be installed (no tools required) on cable guides Cat.Nos 4 464 91/92/93
		Cable rings To be mounted on cable trays or vertical cable management profiles Black
10	4 464 77	Cable ring
10	4 464 78	Cable ring with brackets
		Tying brackets
10	4 464 79	For mounting on frames (top or bottom)
10	4 464 80	For mounting on roof
		Steel cable rings For assembling cable bundles Zinc - Hot Dip
10	4 464 82	To be mounted on cable trays and height profiles Width 100 mm. Depth 80 mm
10	4 464 81	To be mounted on height profiles Width 85 mm. Depth 165 mm
10	4 464 83	To be mounted on VMRs Width 85 mm. Depth 165 mm

Legrand cabling system LCS³ enclosures

accessories for server cabinets and cabling cabinets (continued)

4 464 69


4 464 87

4 464 86

4 464 88

4 464 68

4 464 98

4 464 84

4 464 85

Pack	Cat.Nos	Mechanical accessories
		Frame couplers
6	4 464 69	To be used to connect two cabinets
		Roof brushes
1	4 464 87	Roof brush to be installed on right/left roof cut-outs Depth 200 mm
1	4 464 95	Roof brush to be installed on middle roof plates (the roof layout must include a cut-out in the middle plate) Black
		Plastic blind plate
1	4 464 86	Plastic blind plate, depth 200 mm To be installed on right/left roof cut-outs to completely cover gaps
		Roof inserts - cable guides
2	4 464 88	Cable guide To be installed on right/left roof cut-outs to facilitate the management of top-of-cabinet cables
2	4 464 89	Cable guide end plate To be installed on right/left roof cut-outs to facilitate the management of top-of-cabinet cables
1	4 464 90	Cable guide set, 100 mm To be installed on right/left roof cut-outs to facilitate the management of top-of-cabinet cables
1	4 464 96	Roof middle cable guide, black To be installed on middle roof plates (the roof layout must include a cut-out in the middle plate)
		Roof fan unit
1	4 464 68	Roof fan unit - black Comprises 3 axial fans Flow with no load: 480 m³/h Flow under normal loads: over 300 m³/h To be connected using IEC-320 C13 connectors Can be combined using a cable with IEC-320 C13 / C14 connectors
		Adjustable base legs
4	4 464 98	Height 61 mm
2	4 464 97	Height 61 mm To be used with cabinets equipped with ligth duty casters
		Casters
4	4 464 84	Light duty casters Maximum dynamic load: 200 kg Black
		Temperature management
1	4 464 85	Thermostat, to be used to ensure the fan switches on at a selected temperature

Pack	Cat.Nos	Accessories for PDUs
		Frames
		PDU brackets
2	4 464 73	1-fold
2	4 464 74	2-fold
		Cable trays
		Powdercoated PDU cable trays to be used for installing PDUs or for vertical cable management Width 170 mm: allows installation of up to three 1U PDUs, 2 intelligent PDUs or 1 High-Density PDU Cables can be attached to the tray using tie-wraps and/or Velcro Black
1	4 464 66	Height: 42U
1	4 464 67	Height: 47U

Legrand cabling system LCS³ enclosures

wall-mounting cabinets

4 461 80

4 461 90

4 461 91

4 461 92

Pack	Cat.Nos	Wall-mounting cabinets with glass door				
		Comprise: - a wall element with integrated strain relief profile - 4 front and rear bars - 2 cable entry plates (top and bottom) - a set of two 19" profiles with adjustable depth (in stepsof 50 mm) and a pattern of holes on the side allowing accessories to be fitted. The casing consists of two identical upper and lower panels with ventilation slots at the rear, two identical side panels and a Securit glass door with an EK-333 lock and a handle Possibility to adjust the cable holes' size on the spot thanks to the handy bend-away fingers Width: 600 mm Colour: RAL 9011 Finish: powder coating Max. load: 100 kg Supplied with 1 rear plate, 4 depthwise bars, 2 cable entry plates, 2 x 19" profiles, 2 roof and floor plates, 2 side panels, 1 glass door, 1 assembly set, including assembly guide				
		Capacity	Width (mm)	Depth (mm)	Height (mm)	
1	4 461 80	6 U	600	525	342	
1	4 461 81	9 U	600	525	476	
1	4 461 82	9 U	600	625	476	
1	4 461 83	12 U	600	525	609	
1	4 461 84	12 U	600	625	609	
1	4 461 85	15 U	600	525	742	
1	4 461 86	15 U	600	625	742	
1	4 461 87	21 U	600	625	1009	

Pack	Cat.Nos	Accessories
		Cable entry strip for wall-mounting cabinet
1	4 461 90	For dust-free cable entry. To be used in replacement of a top and/or bottom cable entry plate Supplied with 1 cable entry brush (360 mm), including fastenings
		Corner guide set
1	4 461 91	Comprises 2 corner guide supports (left and right) and fastening materials To be fitted specifically to the sides of the 19" profiles Supports heavy 19" equipment Suitable for a wall-mounting cabinet Material: galvanized sheet steel
		Roof plates with built-in fan unit Can be added as an option to generate a forced cooling air flow in the wall-mounting cabinet Replace an existing roof panel Can be used in conjunction with thermostat Cat.Nos 4 460 98 Supplied with assembly materials
1	4 461 92	Depth: 525 mm
1	4 461 93	Depth: 625 mm

Legrand cabling system LCS³ enclosures

accessories for wall-mounting cabinets

6 466 69

4 461 95

Pack	Cat.Nos	LCS³ accessories
1	4 460 98	Thermostat
1	6 466 68	Horizontal cable ring
1	6 466 69	Vertical cable ring

		19" profiles
		Can be used when equipment shelves need to be installed (with fixings at front and rear) Supplied in sets of 2
1	4 461 95	Height: 6 U
1	4 461 96	Height: 9 U
1	4 461 97	Height: 12 U
1	4 461 98	Height: 15 U
1	4 461 99	Height: 21 U

		Glass doors
		Width: 600 mm
1	9 004 73	6 U glass door
1	9 004 74	9 U glass door
1	9 004 75	12 U glass door
1	9 004 76	15 U glass door
1	9 004 77	21 U glass door

Legrand cabling system LCS³ enclosures

19" accessories

0 465 22

0 465 23

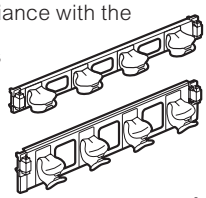
0 465 29

0 465 32

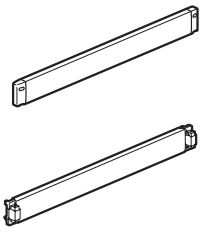
0 464 91

0 363 81

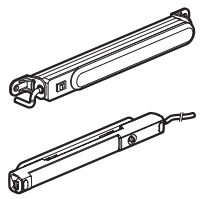
Pack	Cat.Nos	19" cable feedthrough panels
		For organising and running patch cords Black RAL 9005
		Metal, 2 axes, Quick-Fix Horizontal feedthrough passage. With cable rings plastic cable guide with controlled radius for optimum cord protection (compliance with the bending radius) Quick installation without screws
1	0 465 22	1 U
1	0 465 23	2 U
		Plastic with brush, snap on
1	0 465 28	1 U
1	0 465 29	2 U
		Metal with brush, Soluclip Quick installation without screws
1	0 465 30	1 U
1	0 465 31	2 U



Pack	Cat.Nos	19" blanking plates
		Black RAL 9005
		Plastic, direct clipping
1	0 465 32	1 U
1	0 465 33	2 U
		Metal, Quick-Fix Quick installation without screws
1	0 465 38	1 U
1	0 465 39	2 U
1	0 465 40	3 U

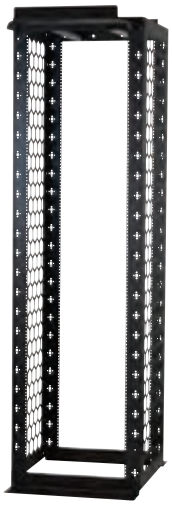


Pack	Cat.Nos	LED Lighting
		Prewired with 2 m length power cord Magnets fastening
1	0 464 91	With switch 60° swivel
1	0 363 81	With presence sensor 120° swivel



Legrand cabling system LCS³ enclosures

cabling openrack and accessories


4 461 50

4 461 52

4 461 54

4 461 55

4 461 56

4 461 57

4 461 58

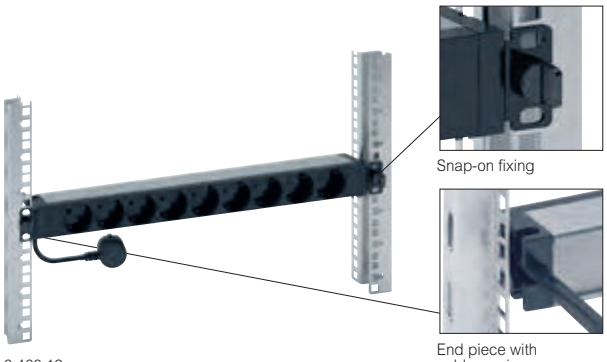
4 461 59

Pack	Cat.Nos	Cabling openrack and accessories
1	4 461 50	Punched hole channel rack, 2130 mm x 609 mm (7 ft x 24"), black, square hole 9 mm (3/8")
1	4 461 52	Cable duct with door
6	4 461 54	Hexagonal cable feedthroughs
12	4 461 55	Bend limiting clips
4	4 461 56	Cable management spools
1	4 461 57	Cable management rings
1	4 461 58	Cable duct mounting brackets (top of rack Cablofil)
1	4 461 60	Overhead cable tray, 5 U, 19"
1	4 461 59	Horizontal cable management system
1	0 465 70	19" closed panel for cord management with pivoting cover - 1U - black - depth 172 mm
1	0 465 71	19" closed panel for cord management with pivoting cover - 2U - black - depth 172 mm
1	0 464 23	Set of 50 special screws for racks + 25 earthing claws

Red catalogue numbers: New products

Legrand cabling system LCS³ energy distribution

horizontal (1U/2U) PDUs



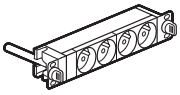
6 468 12

6 468 24

To provide ∿ electric power for IT equipment in enclosure. 230 V - 50/60 Hz power supply. 1U aluminium profile. End cap with metallic brackets and cable holder shape
Quick fixing (no screws) on 19" fixing centers
Can also be installed vertically by reverting the brackets (no screws)
2P+E outlets:
- C13 and C19 standard outlets are equipped with cord locking system to avoid any accidental disconnection
Universal solution compatible with all
the cords (C14 plugs for C13 and C20 plugs for C19).
- French, German and British standard outlets are equipped with safety shutters
- French and German standard outlets are inclined at 55°
Black modules (outlets and functions)

Pack	Cat.Nos	19" - PDU Basic
		German standard
		3 m power supply cord with 16 A 2P+E French/ German plug
1	6 468 06	6 outlets
1	6 468 12	9 outlets
		British standard
		3 m power supply cord with 13 A 2P+E British plug
1	6 468 13	8 outlets
		French standard
		3 m power supply cord with 16 A 2P+E French/ German plug
1	6 468 05	6 outlets
1	6 468 10	9 outlets
1	6 468 11	9 tamperproof red outlets
		Swiss standard
		3 m power supply cord with Swiss plug
1	6 468 18	12 T13
1	6 468 19	12 T23
		IEC 60320 standard
	CORD LOCKING SYSTEM	Connection on terminal block (except Cat.Nos 6 468 15)
1	6 468 14	10 C13 outlets with cord locking system
1	6 468 15	12 C13 outlets with cord locking system
		3 m power supply cord with IEC 60309 16 A 2P+E plug
1	6 468 09	6 C13 outlets + 2 C19 outlets with cord locking system
1	6 468 07	6 C19 outlets with cord locking system

		10" - PDU Basic
		1 m power supply cord with French/German 2P+E plug
		4 x 2P+E outlets
1	6 468 01	German standard
1	6 468 00	French standard



Pack	Cat.Nos	19" - PDU Basic with power indicator or luminous switch
		LED indicator: signals whether the PDU is supplied with power or not
		LED indicator switch: powers ON/OFF the PDU
		German standard
		3 m power supply cord with 16 A 2P+E French/ German plug
1	6 468 21	9 outlets and 1 power indicator
1	6 468 23	8 outlets and 1 luminous switch
		British standard
		3 m power supply cord with 13 A 2P+E British plug
1	6 468 24	6 outlets and 1 luminous switch
		French standard
		3 m power supply cord with 16 A 2P+E French/ German plug
1	6 468 20	9 outlets and 1 power indicator
1	6 468 22	8 outlets and 1 luminous switch

Legrand cabling system LCS³ energy distribution - horizontal (1U/2U) PDUs (continued)

6 468 31

6 468 36

To provide ∿ electric power for IT equipment in enclosures
230 V - 50/60 Hz power supply
1U aluminium profile
End cap with metallic brackets and cable holder shape
Quick fixing (no screws) on 19" fixing centers
Can also be installed vertically by reverting the brackets (no screws)
2P+E outlets:
- C13 and C19 standard outlets are equipped with cord locking system to avoid any accidental disconnection. Universal solution compatible with all the cords (C14 plugs for C13 and C20 plugs for C19)
- French, German and British standard outlets are equipped with safety shutters
- French and German standard outlets are inclined at 55°
Black modules (outlets and functions)

Pack	Cat.Nos	19" Basic PDU with protection devices
		MCB and RCBO support with projecting edges to avoid accidental breakdown 3 m power supply cord with 16 A 2P+E French/ German plug
		German standard
1	6 468 31	6 outlets and a 16 A single pole Micro Circuit Breaker
1	6 468 32	9 outlets nd a 16 A single pole Micro Circuit Breaker, 2 U height
		French standard
1	6 468 30	6 outlets and a 16 A single pole Micro Circuit Breaker
1	6 468 33	6 outlets and a 16 A 30 mA Residual-current Circuit

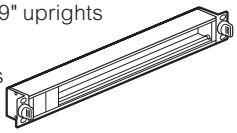
		19" Basic PDU with surge protection
		Protect against mains overvoltages while keeping outlets energised With light indicators: - one LED (white) gives information whether the PDU is supplied with power or not - one LED (green) indicates when surge protection module is efficient or must be replaced Equipped with hotswappable surge protection module Cat.No 6 468 97: even when the module is being replaced, the PDU and its outlets are still powered on 3 m power supply cord with 16 A 2P+E French/ German plug
1	6 468 36	6 outlets - German standard - with switch
1	6 468 35	6 outlets - French standard - with switch
1	6 469 03	7 outlets - German standard

Legrand cabling system LCS³ energy distribution - PDUs to be equipped, accessories and DIN rails

6 468 90

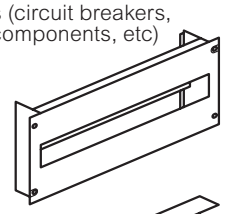
0 465 46 + 0 465 47

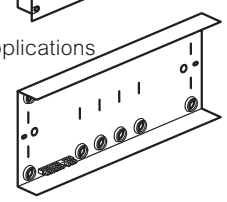
Pack	Cat.Nos	PDUs to be equipped
		Quick fixing (no screws) on 19" uprights Aluminium profile
1	6 468 99	19" PDU Capacity: 16 Mosaic modules
1	6 468 98	10" PDU Capacity: 8 Mosaic modules



		PDU accessories
		Locking caps To block the use of an outlet. A key is necessary to remove the cap and free the access Light grey RAL 7035
6	6 468 90	Set of 6 locking caps for French, Italian and German standard outlet + 1 key
6	6 468 92	Set of 6 locking caps for British standard outlet + 1 key
6	6 468 96	Set of 6 locking caps for Swiss standard T13 or T23 outlet + 1 key
6	6 468 94	Set of 6 locking caps for C13 outlet + 1 key
6	6 468 95	Set of 6 locking caps for C19 outlet + 1 key
		Surge protection module
1	6 468 97	To replace used module on PDU With light indicators: - 1 LED (white) to indicate voltage presence - 1 LED (green/red) to indicate the status of the surge protection module Hotswappable surge protection module: even when the module is being replaced, the PDU and its outlets are still powered on

		Multi-application DIN rail
		For mounting modular devices (circuit breakers, Legrand multimedia network components, etc) Capacity: 24 modules Height 4 U Screw fixing on 19" uprights
1	0 465 46	DIN profile rail with front panel Supplied with blanking plates 24 modules Black RAL 9005
1	0 465 47	Rear cover To be used for high current applications (greater than 50 V) To be associated with DIN profile rail Cat.No 0 465 46 Ensures IP XXB Supplied with terminal block (8 + 1 connections)

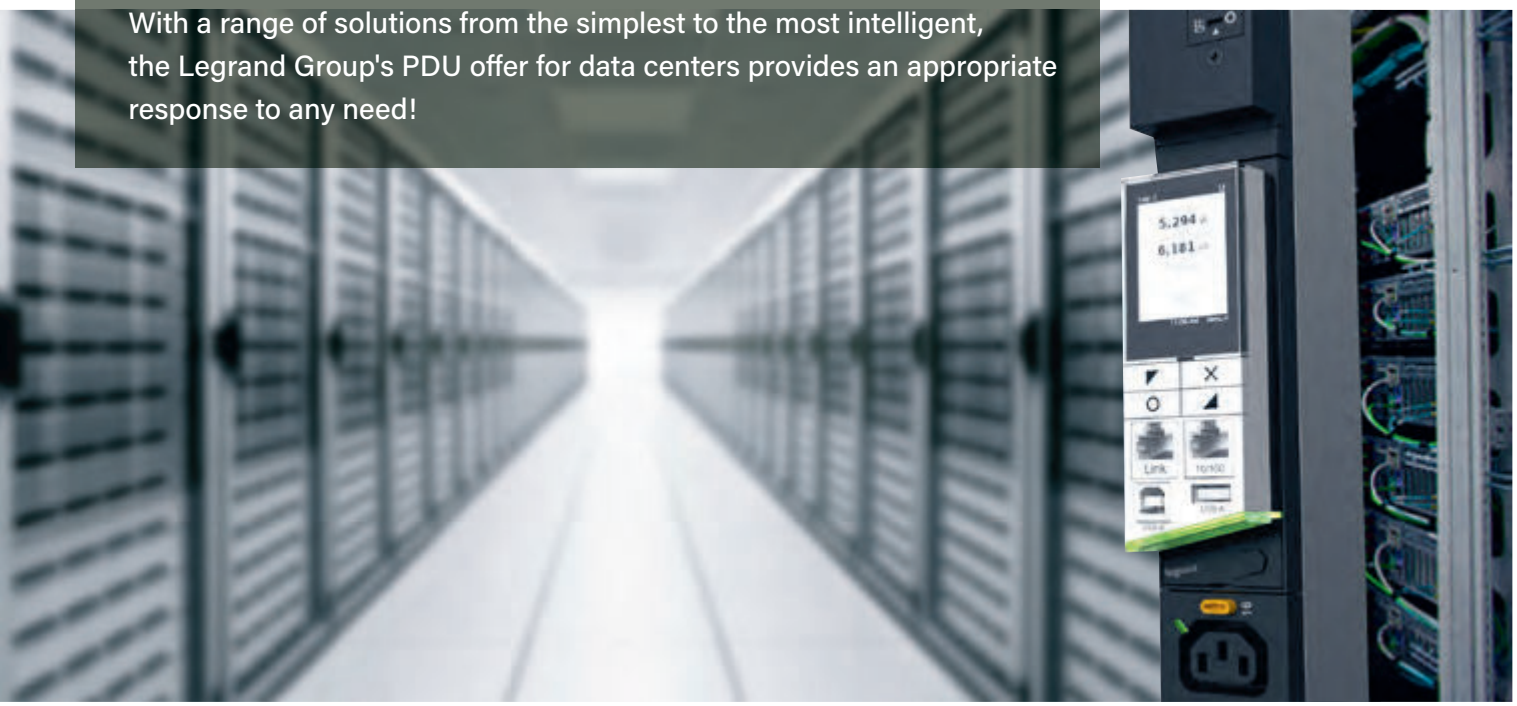




ENERGY DISTRIBUTION

Reliable PDUs for efficient data centers!

With a range of solutions from the simplest to the most intelligent, the Legrand Group's PDU offer for data centers provides an appropriate response to any need!



Contact us for more information!

More information on:
www.raritan.com
www.servertech.com

Linkeo DC PDUs: a major asset for basic and smart installations!

A comprehensive offer
- Basic PDUs
- Metered and switched PDUs
- Wide range of accessories: wireless sensors, secure power cords

A technical platform thought for Data Center applications
- Standard locking on C13/C19 outlets (to avoid accidental disconnections)
- Magnetic hydraulic MCBs (to mitigate accidental tripping due to change in temperature)
- 55°C temperature resistance rating and aluminum chassis
- Color identification (on demand)
- Outlet and circuit numbering
- High density C13
- 330° rotating input
- Screwless mounting

Discover our other solutions for smart installations

Meeting your needs for energy while incorporating intelligent functions, including real-time power metering and environmental monitoring? It's possible with Raritan's and Server Technology's smart PDUs, available in a variety of voltages and amperages!

Raritan PDUs
- Accurate +/-1% power input measurement
- Best-in-class controller features
- Remote outlet management grouping
- Compatible with Raritan smartsensors

Server Technology PDUs
- Remote access to power, PDU status, and environmental monitoring
- Local input current LED displaying monitor load
- Branch circuit protection
- Fully hot-swappable onboard controller

Legrand cabling system LCS³ - copper

Applications distances according to category of cabling

Application \ Frequency[1]	LCS³ Cat.5e 100MHz	LCS³ Cat.6 250MHz	LCS³ Cat.6A 500Mhz	LCS³ Cat.8 2000MHz
1000Base-T	100m	100m	100m	100m
2.5Gbase-T	Possible[2]	Possible[2]	100m	100m
5Gbase-T	Possible[2]	Possible[2]	100m	100m
10Gbase-T	N/A[4]	Possible[3]	100m	100m
25Gbase-T	N/A[4]	N/A[4]	Possible[5]	30m
40Gbase-T	N/A[4]	N/A[4]	Possible[5]	30m

1: Maximum frequency defined in the standards
2: Follow ISO/IEC TR 11801-9904 or TIA TSB 5021 to evaluate possibility on installed links. Distance will depend on many factors.
3: Follow ISO/IEC TR 24750 or TIA TSB 155-A to evaluate possibility on installed links. Distance will depend on many factors.
4: Not Available.
5: Follow ISO/IEC TR 11801-9905 to evaluate possibility on installed links. Distance will depend on many factors.

Compliance of LCS³ systems with standards and certifications

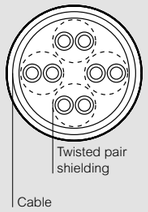
LCS³ systems and components (de-embedded) conform to the following standards:
- ANSI/TIA 568
- EN 50173-1
- ISO/IEC 11801 Edition 3 (2017)

The LCS³ system supports 10 G applications
Base-T up to 100 m in a transmission channel
Conforming to standards: ISO/IEC 11 801, EN 50173, ANSI/TIA 568
LCS³ systems are certified by the 3P independent laboratory, a reference body on the subject

Names for LAN cables (according to ISO 11801-2)

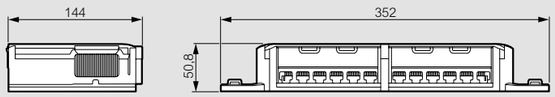
They correspond to: "type of cable shielding"/"type of twisted pair shielding" followed by TP (for twisted pairs)

Type of cable old name	Type of cable new name	Cable shielding	Shielding of twisted pairs
SSTP	S/FTP	S: screen made of copper braid	F: screen formed from an alu/ polyester ribbon
SFTP	SF/UTP	SF: combination of ribbon + braid	U: no screen
STP	U/FTP	U: no screen	F: screen formed from an alu/ polyester ribbon
FTP	F/FTP	F: screen formed from an alu/ polyester ribbon	F: screen formed from an alu/ polyester ribbon
FTP	F/UTP	F: screen formed from an alu/ polyester ribbon	U: no screen
UTP	U/UTP	U: no screen	U: no screen

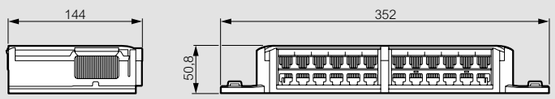


Dimensions (in mm)

Cat.No 0 337 96



Cat.No 0 337 97



The Innoval training centre offers LCS³ certification, see **our website**

25-year guarantee: Legrand is committed to delivering a durable LCS³ system, see **our website**

Performance when installed with a zone distribution box (consolidation point)

Maximum recommended lengths of links to ensure high performance of systems when using RJ 45 sockets with copper feedthroughs and/ or RJ 45 sockets

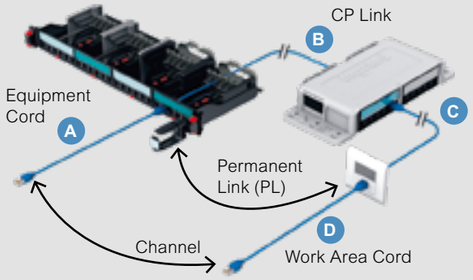
Performances for use of zone distribution boxes in 20°C environment

The distances below correspond to the most typical cases using preterminated solutions

All other standard-compliant configurations are possible, including configurations with use of cables to be connected on site

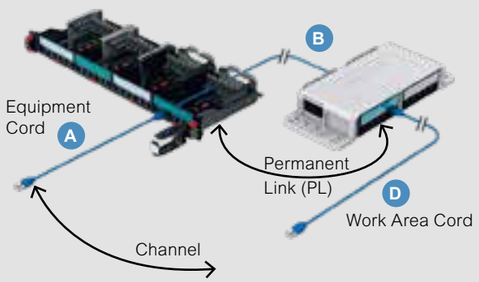
Refer to technical sheets for more information

a) Use of the area cabling cord in a channel with a Consolidation Point:



CP Cord C	CP Link B	Equipment Cord A	Work Area Cord D	Total Channel
8 m	74 m	5 m	5 m	92 m
15 m	63 m	5 m	5 m	88 m
20 m	56 m	5 m	5 m	86 m

b) Use of the area cabling cord in a channel with a MUTOA (Multi-User Telecommunications Outlet Assembly):



Work Area Cord D	Permanent Link B	Equipment Cord A	Total Channel
8 m	82 m	5 m	90 m
15 m	72 m	5 m	87 m
20 m	64 m	5 m	84 m

PoE certification

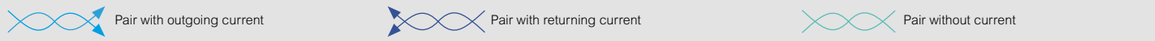
Using PoE technology, devices such as Wi-Fi access points, cameras, etc. can be supplied with power by the Ethernet data cable. The cable combines data and power to supply all the PoE peripherals. The LCS³ connectors are PoE++ Third Party certified.

Legrand solutions are complying as per below:
- Cables: 802.3 bt PoE++ applications compatible according to installation standards ISO/IEC 14763-2 and EN 50174-2:2018
- Connectors: Compatible remote powering "PoE" up to 100 W (IEEE 802.3af, IEEE 802.3at, IEEE 802.3bt). Third party certified IEC 60512-99-002 for disconnection under PoE Type 4
- Patch cords: Compatible remote powering "PoE" up to 100 W (IEEE 802.3af, IEEE 802.3at, IEEE 802.3bt)" when installed according to standards ISO/IEC 14763-2 and/or EN 50174-2:2018

PoE++ Third Party certified

Table of PoE types according to cabling requirements and power availability

Name (Common name)	Type 1 (PoE)	Type 2 (PoE+)	Type 3 (PoE++)	Type 4 (PoE++)
IEEE Standard	802.3af (2003)	802.3at (2009)	802.3bt (2018)	802.3bt (2018)
Minimum Category Required	Category 3	Category 5e	Category 5e	Category 5e
Number of Pairs for Power	2	2	2 or 4	4
Maximum Current per Pair	350 mA	600 mA	600 mA	960 mA
Guaranteed maximum Power at PSE Output	15.4 W	30.0 W	60.0 W	90.0 W
Guaranteed maximum Power at PE Input	13 W	25.5 W	51.0 W	71.3 W
Diagram with maximum current per wire (mA)	175 175 175 175	300 300 300 300	300 300 300 300 300 300 300 300	480 480 480 480 480 480 480 480



There are subdivisions of PoE called Classes. Below is a table of these Classes with correspondence to the PoE Types and the power available. It's important to note that the difference of power between the PD and the PSE does not represent an average efficiency, but only a worst case with maximum distance and highest resistance cabling.

Class	1	2	3	4	5	6	7	8
Type	Type 1			Type 2	Type 3[1]		Type 4[2]	
PSE maximum output average power (W)	4	7	15.4	30	45	60	75	90
PD Input Average Power (W)	3.8	6.5	13.0	25.5	40.0	51.0	62.0	71.3
PD Peak operating Power (P)	5.0	8.4	14.4	28.3	42.0	53.5	65.1	74.9

1: Type 3 can also support Classes 1 to 4
2: Only single signature PD shown

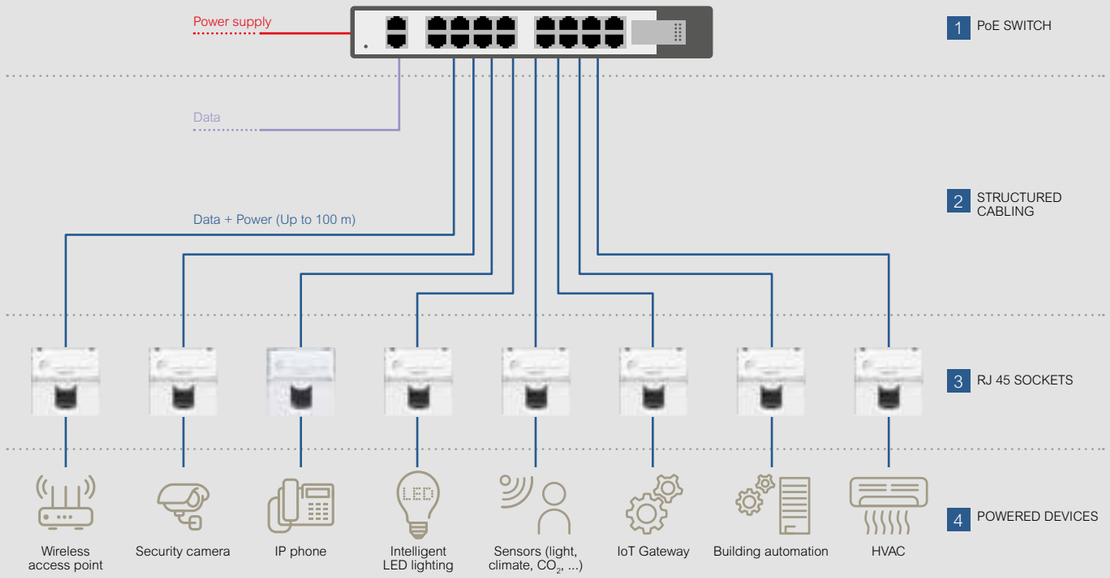
High-performance maintenance

WARRANTY 25 YEARS legrand

Being committed to delivering a durable LCS³ system, Legrand gives a 25-year guarantee on its performance and applications, PoE included

PoE architecture

Building systems are moving to a single IP Network



PoE switch

A Power over Ethernet switch is a device which supplies power and data on Ethernet cabling. It is draw power from its own conventional power source and provide power to the rest of the PoE system.

Structured cabling

The twisted pairs cable is the power and data transmission medium of a PoE system. It is used to provide the link between two devices enabling bidirectional communication and uni-directional supply of power.

RJ 45 sockets

Universal RJ 45 socket to connect devices.

Powered devices

A powered device is a device which receives power from the power sourcing equipment. It does not require its own conventional power source.

Shielded Category 6_A cabling is recommended for optimum future-proofing and is the best choice for the Internet of Things and is recommended by current design standards for BIoT.

legrand

Construction Products Regulation (CPR)

The CPR is a European law published in 2011, with a classification ratified in 2016, to impose minimum fire performance to products installed permanently in buildings. It covers, among other items, the communications cables fixed in the building, but not the removable items such as patch cords and user cords. Vendors are required to comply since July 1st, 2017 and the fire rating must be identified on the cable packaging along with the CE mark. The associated declaration of performance (DoP) must be made available to customers.

The EU regulation enforcing the standard by law is applicable to all European Economic Area (E.E.A.) member states: Austria, Belgium, Bulgaria, Croatia, Cyprus, the Czech Republic, Denmark, Estonia, Finland, France, Germany, Greece, Hungary, Ireland, Italy, Latvia, Lithuania, Luxembourg, Malta, the Netherlands, Poland, Portugal, Romania, Slovakia, Slovenia, Spain, Sweden, the United Kingdom.

It also applies in the countries voluntarily participating to be part of the single market: Iceland, Liechtenstein, Norway and Switzerland. In addition, four other countries are E.U. candidates and in the process of incorporating EU legislation into national law: Montenegro, Macedonia, Serbia and Albania. Finally, Turkey is an associate member, voluntarily following EU regulations.

The classification consists of 7 Euroclasses which define the fire reaction performance. Below is a table summarizing the classification:

Testing and level of control		A_{CA}	$B1_{CA}$	$B2_{CA}$	C_{CA}	D_{CA}	E_{CA}	F_{CA}
Euro classification	Gross heat of combustion	yes	-	-	-	-	-	-
	Flame propagation	-	yes	yes	yes	yes	yes	no
	Heat release	-	yes	yes	yes	yes	no	no
Additional criteria	Smoke production, flaming droplets, smoke acidity	-	yes	yes	yes	yes	no	no
Control of compliance	Type Testing by independent lab	yes	yes	yes	yes	yes	yes	no
	Production sampling by certification body	yes	yes	yes	yes	no	no	no

Explanation of the Euroclasses

Euroclass	Reaction to fire	Comments
A_{CA}	Non combustible	It is near-impossible to produce non-combustible communication cable.
$B1_{CA}$	Various level of flame propagation and heat release	Dca is the lowest cable type with all aspect tested and certified by an independent laboratory. Higher classes offer improved resistance to flame propagation and heat release but their additional criteria could be identical.
$B2_{CA}$		
C_{CA}		
D_{CA}		
E_{CA}	Minimum flame propagation testing	Heat release is not tested. Additional requirements are not tested, so the spread of fire is controlled, but the evacuation of people is limited due to toxic fumes. This is the first level of cable to require independent testing.
F_{CA}	No testing	Offers absolutely no guarantees. Should be avoided.

Definitions of the additional criteria

Smoke production	Performance
s1	Very low smoke production
s1a	Very low smoke production and high transmittance
s1b	Very low smoke production and medium transmittance
s2	Average smoke production
s3	No performance guaranteed

Particles / Droplets	Performance
d0	No droplets / flaming particles
d1	Low droplets / flaming particles
d2	No performance guaranteed

Smoke acidity	Performance
a1	Very low smoke acidity
a2	Low smoke acidity
a3	No performance guaranteed

These additional criteria are added after the letter of the Euroclass in order s, d, a. and they allow for more than 200 combinations. For obvious reasons, most will not exist, and only the most useful ones will be used.

It is important to understand that the lowest rating in each type means that the product actually does not meet the requirements.

Legrand cabling system LCS³ - copper (continued)

Euroclass table

Cat.Nos	Description	Euroclass (A_{ca}; $B1_{ca}$; $B2_{ca}$; C_{ca}; D_{ca}; E_{ca}; F_{ca})	Additional criteria (smoke production, flaming droplets, acidity)		
0 327 50	C5e U/UTP 4P LSZH CABLE	D_{ca}	s2	d2	a1
0 327 51	C5e U/UTP 4P PVC CABLE	E_{ca}	-	-	-
0 327 52	C5e F/UTP 4P LSZH CABLE	D_{ca}	s2	d2	a1
0 327 53	C5e F/UTP 4P PVC CABLE	E_{ca}	-	-	-
0 327 54	C6 U/UTP 4P LSZH CABLE	D_{ca}	s2	d2	a1
0 327 55	C6 U/UTP 4P PVC CABLE	E_{ca}	-	-	-
0 327 56	C6 F/UTP 4P LSZH CABLE	D_{ca}	s2	d2	a1
0 327 57	C6 SF/UTP 4P LSZH CABLE	D_{ca}	s1	d1	a1
0 327 58	C6 F/UTP 4P PVC CABLE	E_{ca}	-	-	-
0 327 59	C6 SF/UTP 4P PVC CABLE	E_{ca}	-	-	-
0 327 76	C6 F/UTP 2x4P LSZH CABLE	D_{ca}	s2	d2	a1
0 327 77	C7 S/FTP 4P LSZH CABLE	D_{ca}	s2	d2	a1
0 327 78	C6A F/UTP 4P LSZH CABLE	D_{ca}	s2	d2	a1
0 327 79	C7 S/FTP 2X4P LSZH CABLE	D_{ca}	s2	d2	a1
0 327 87	C6A U/UTP 4P LSZH CABLE	D_{ca}	s2	d2	a1
0 327 98	C6A F/FTP 2X4P LSZH CABLE	D_{ca}	s2	d2	a1
0 327 99	CÂBLE C6A F/FTP 4P LSZH	D_{ca}	s2	d2	a1
0 328 28	C6A U/UTP 4P LSZH CABLE	C_{ca}	s1a	d1	a1
0 328 38	C6A U/UTP 4P LSZH CABLE	$B2_{ca}$	s1a	d1	a1
0 328 49	C7 S/FTP 4P LSZH CABLE	C_{ca}	s1a	d1	a1
0 328 50	C5e F/UTP 4P LSZH CABLE	D_{ca}	s2	d2	a1
0 328 53	C5e U/UTP 4P LSZH CABLE	D_{ca}	s2	d2	a1
0 328 56	C6 F/UTP 4P LSZH CABLE	D_{ca}	s2	d2	a1
0 328 57	C6 F/UTP 4P PVC CABLE	E_{ca}	-	-	-
0 328 61	C6 U/UTP 4P LSZH CABLE	D_{ca}	s2	d2	a1
0 328 78	C6A F/UTP 2X4P LSZH CABLE	D_{ca}	s2	d2	a2
0 328 79	C6 U/UTP 4P LSZH CABLE	$B2_{ca}$	s1a	d1	a1
0 328 82	C7 S/FTP 4P LSZH CABLE	$B2_{ca}$	s1a	d1	a1
0 328 83	C6A F/FTP 4P LSZH CABLE	C_{ca}	s1a	d1	a1
0 328 84	C6A U/FTP 4P LSZH CABLE	C_{ca}	s1a	d1	a1
0 328 86	C6 U/UTP 4P LSZH CABLE	C_{ca}	s1a	d1	a1
0 328 88	C6 U/UTP 100P LSZH CABLE	E_{ca}	-	-	-
0 338 90	C7 S/FTP 4P LSZH CABLE	E_{ca}	-	-	-
0 328 91	C3 U/UTP 50P LSZH CABLE	E_{ca}	-	-	-
0 337 88	C8 S/FTP 4P LSZH CABLE	D_{ca}	s2	d2	a1

Legrand cabling system, LCS³ fiber optic

Duplex applications, functioning on Duplex LC

Duplex	OM3	OM4	OM5	OS1a	OS2
10Gbps	300m(1)	400m(1)	400m(1)	2km(1)	10km(1)
25Gbps	70m(1)	100m(1)	100m(1)	2km(1)	10km(1)
40Gbps	240m(2)	350m(2)	440m(2)	2km(1)	10km(1)
50Gbps	70m(1)	100m(1)	100m(1)	2km(1)	10km(1)
100Gbps	70m(2)	100m(2)	150m(2)	2km(1)	10km(1)
200Gbps	N/A(3)	N/A(3)	N/A(3)	2km(1)	10km(1)
400Gbps	N/A(3)	N/A(3)	N/A(3)	2km(1)	10km(1)

1: Standard
2: Multi-Source Agreement
3: Not applicable

Parallel optics applications, functioning on 12-core MPO/MTP

Parallel	OM3	OM4	OM5	OS1a	OS2
10Gbps	N/A(2)	N/A(2)	N/A(2)	N/A(2)	N/A(2)
25Gbps	N/A(2)	N/A(2)	N/A(2)	N/A(2)	N/A(2)
40Gbps	100m(1)	150m(1)	150m(1)	N/A(2)	N/A(2)
50Gbps	N/A(2)	N/A(2)	N/A(2)	N/A(2)	N/A(2)
100Gbps	70m(1)	100m(1)	100m(1)	500m(1)	500m(1)
200Gbps	70m(1)	100m(1)	100m(1)	500m(1)	500m(1)
400Gbps	100m(1)	100m(1)	150m(1)	500m(1)	500m(1)

1: Standard
2: Not applicable

16, 20 and 32 core applications not shown as they are not compatible with single 12-core MPO links
Note that any duplex application can also function on MPO/MTP parallel optics infrastructure

Optical performance

MTP® connectors

	Multimode Ultra Performance*	Singlemode Ultra Performance*
IL/Master	0.1 dB typical (all fibres) 0.35 dB maximum (single fibre) (2.3)	0.1 dB typical (all fibres) 0.35 dB maximum (single fibre) (1.4)
IL Max/Random*	0.35 dB (single fibre)	0.35 dB (single fibre)
Optical return loss (5)	> 20 dB	> 60 dB (8° anglepolished)

1: As tested in accordance with ANSI/TIA-455-171 Method D3 / IEC 61300-3-4
2: As tested in accordance with ANSI/TIA-455-171 Method D1 / IEC 61300-3-4
3: As tested on 50µm fibres at a wavelength of 850 nm in accordance with IEC 61280-4-1
4: Complies with IEC 61755-3-31/GRADE B
5: As tested in accordance with IEC 61300-3-6 and ANSI/TIA-455-107A

* Performance is guaranteed only with other components of the same Legrand range (Core, Ultra and Quantum). Mixing ranges or use of components of other brand may lead to a different performance of the system. The uncertainty value for field measurement with LSPM testing using a reference cord defined in ISO/IEC 14763-3 applies to field testing with proposed Legrand testing cords. Refer to the Fiber Optic Testing Guide for Legrand Solutions.

LC, SC, LC APC, SC APC connectors

Optical performance	Singlemode Ultra Performance	Multimode Ultra Performance
IL Max/Master (*)	0.15 dB	0.15 dB
IL Max/Random (**)(***)	0.25 dB	0.2 dB
Typ. IL/Master (*)	0.12 dB	0.08 dB
Typ. IL/Random (**)(***)	0.12 dB	0.10 dB
Return loss (UPC/APC)	> 55/65 dB	> 25 dB

* IEC 61300-3-4
** IEC 61300-3-34
*** Performance is guaranteed only with other components of the same Legrand range (Core, Ultra and Quantum). Mixing ranges or use of components of other brand may lead to a different performance of the system. The uncertainty value for field measurement with LSPM testing using a reference cord defined in ISO/IEC 14763-3 applies to field testing with proposed Legrand testing cords. Refer to the Fiber Optic Testing Guide for Legrand Solutions.
Storage and operating temperature: -10°C to +60°C Solutions.

Production quality control

- For MTP:
Optical performance: 100% factory tested
3D endface geometry (interferometry): 100% factory products controlled

- For LC, SC, LC APC, SC APC:
Optical performance: 100% factory tested
3D endface Geometry (interferometry): sampling quality control

Technical characteristics

Multimode cable

OM5 fiber is designed for wavelength multiplexing

Type of cable	OM3	OM4	OM5
Type of fiber(1)	A1a.2	A1a.3	A1a.4
Maximum attenuation at 850 nm, dB/km	3	3	3
Effective bandwidth at 850 nm, MHz x km	2000	4700	4700
Effective bandwidth at 953 nm, MHz x km	N/A	N/A	2470

1: According to IEC 60793-2-10

Single-mode cable

Type of cable	OS1a	OS2
Environment	Indoor	Indoor/ Outdoor
Type of fiber(1)	B1, 3 or B6	
Maximum attenuation at 1310, 1383 and 1550 nm	1.0	0.4

1: According to IEC 60793-2-50

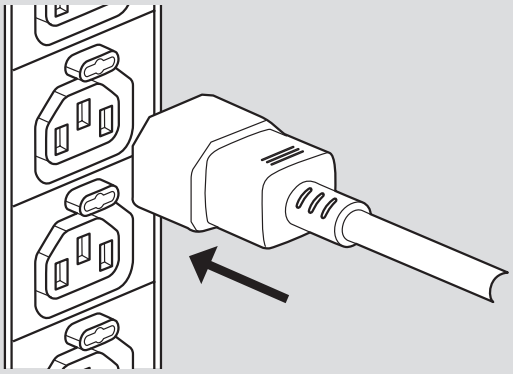
Euroclass table

Cat.Nos	Euroclass (A_{ca}; $B1_{ca}$; $B2_{ca}$; C_{ca}; D_{ca}; E_{ca}; F_{ca})	Additional criteria (smoke production, flaming droplets, acidity)		
		s1, s1a, s1b, s2, s3	d0, d1, d2	a1, a2, a3
0 325 02	D_{ca}	s2	d2	a1
0 325 03	D_{ca}	s2	d2	a1
0 325 10	D_{ca}	s2	d2	a1
0 325 11	D_{ca}	s2	d2	a1
0 325 12	D_{ca}	s2	d2	a1
0 325 13	Not applicable	-	-	-
0 325 14	D_{ca}	s2	d2	a1
0 325 15	Not applicable	-	-	-
0 325 18	C_{ca}	s1a	d1	a1
0 325 19	C_{ca}	s1a	d1	a1
0 325 23	Not applicable	-	-	-
0 325 24	Not applicable	-	-	-
0 325 25	Not applicable	-	-	-
0 325 26	C_{ca}	s1a	d1	a1
0 325 37	D_{ca}	s2	d2	a1
0 325 38	D_{ca}	s2	d2	a1
0 325 39	D_{ca}	s2	d2	a1
0 325 40	Not applicable	-	-	-
0 325 41	Not applicable	-	-	-
0 325 42	Not applicable	-	-	-
0 325 43	D_{ca}	s2	d2	a1
0 325 44	D_{ca}	s2	d2	a1
0 325 45	D_{ca}	s2	d2	a1
0 325 46	Not applicable	-	-	-
0 325 47	Not applicable	-	-	-
0 325 48	Not applicable	-	-	-
0 325 49	C_{ca}	s1a	d1	a1
0 325 50	D_{ca}	s2	d2	a1
0 325 51	D_{ca}	s2	d2	a1
0 325 52	D_{ca}	s2	d2	a1
0 325 53	D_{ca}	s2	d2	a1
0 326 65	D_{ca}	s2	d2	a1
0 326 66	D_{ca}	s2	d2	a1
0 326 67	D_{ca}	s2	d2	a1
0 326 68	D_{ca}	s2	d2	a1

	Euroclass	Classification criteria	Additional criteria	AV CP system
Non-combustible (for example mineral-insulated)	A_{ca}	EN ISO 1716 Gross combustion heat	-	"1+" including: - initial type test and continuous monitoring - audit and sampling test by a third-party certification body Manufacturer's factory production controls
Cables with low fire risk (different levels)	$B1_{ca}$	EN 50399 Heat release Flame spread EN 60332-1-2 Flame propagation	Smoke production (s1a, s1b, s2, s3) EN50399/ EN61034-2 Acidity (a1, a2, a3) EN 50267-2-3 Flaming droplets (d0, d1, d2) EN 50399	
	$B2_{ca}$			
	C_{ca}			
	D_{ca}			"3+" including: - initial type test by a third-party laboratory Manufacturer's factory production controls
Standard cables	E_{ca}	EN 60332-1-2 Flame propagation	-	
No determined performance	F_{ca}	EN 60332-1-2 Flame propagation	-	"4": initial type test and manufacturer's factory production controls

Cord locking system on C13 and C19 sockets

1



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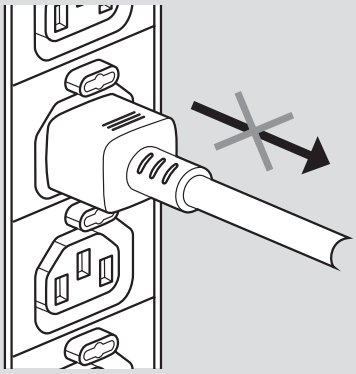

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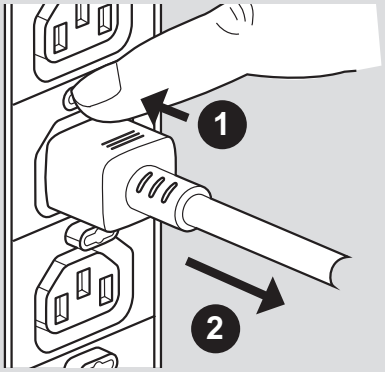
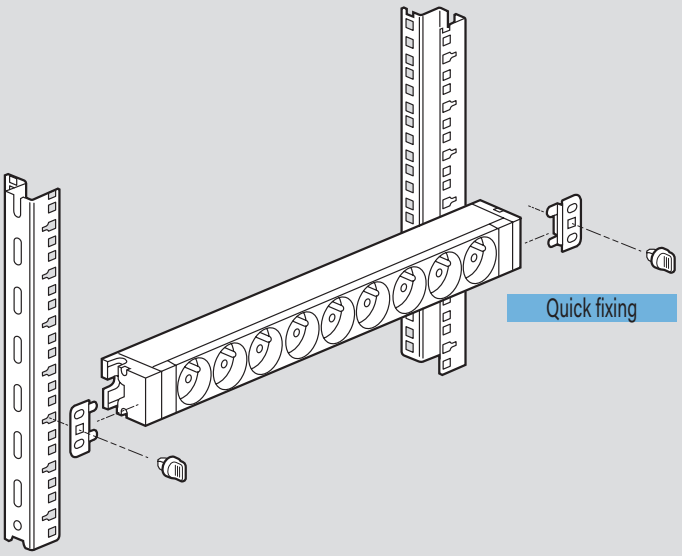


Energy distribution

19" 1U PDU mounting

Horizontal mounting in Legrand 19" cabinets

Can be mounted in all Legrand 19" cabinets except for 19" HD racks which require the use of equipment screws Cat.No 0 464 23



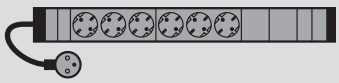
Energy distribution

19" and 10" 1U PDU configurations

19" 1U PDU configurations

6 468 05

6 468 06



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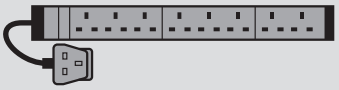
6 468 09

6 468 10

6 468 11

6 468 12

6 468 13



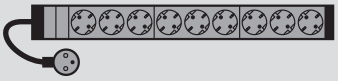
6 468 14

6 468 15

6 468 18/19

6 468 20

6 468 21



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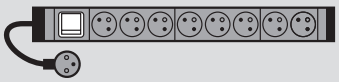

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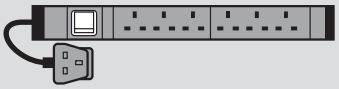

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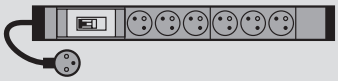

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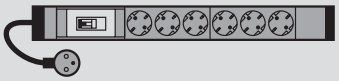

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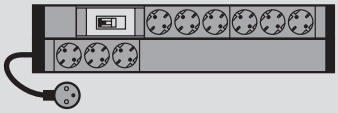

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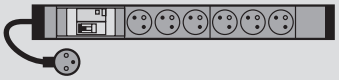
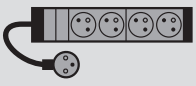


6 468 35

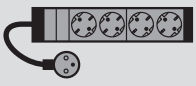
6 468 36

10" 1U PDU configurations

6 468 00



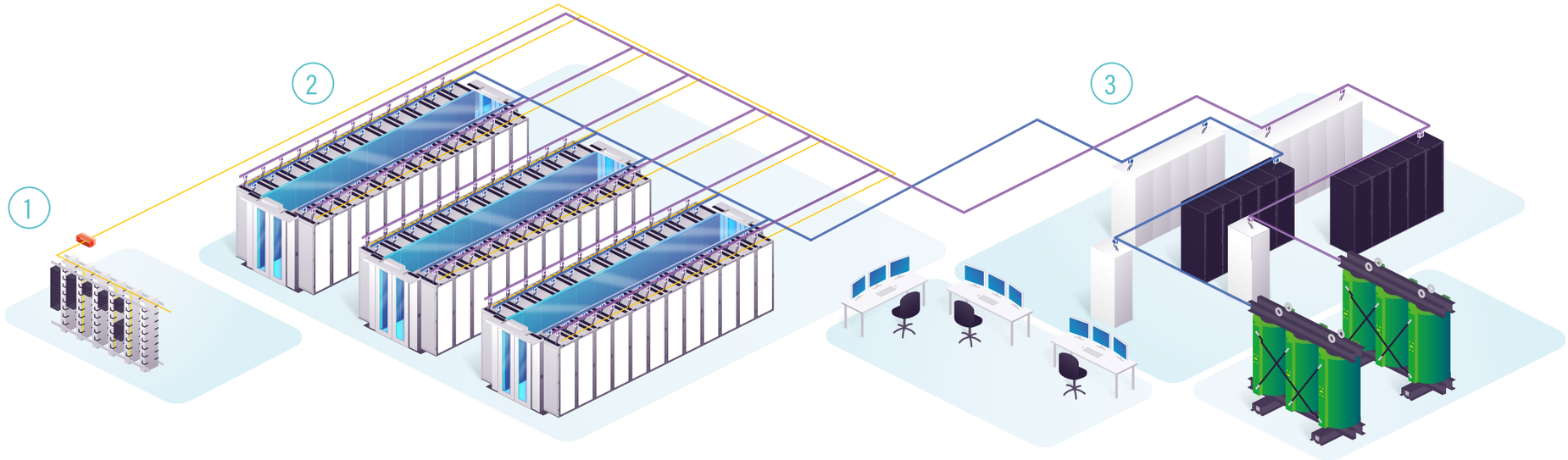
6 468 01



DATA CENTER

Next level data center solutions!

With our data center offering, you benefit from a complete portfolio of award-winning solutions from our leading specialist brands. They can meet all your digital infrastructure and technical installation needs in all main areas of a data center: Meet-Me Room, White space, Grey space...



1 Meet-Me room

Our LCS³ Meet-Me Room portfolio offers a fully scalable solution that seamlessly responds to both the high fiber numbers used in this type of environment and the high quality and reliability that comes with it.

- High quality
- Reliability
- International deployment

LCS³ frames & cassettes

See p. 1030

Consult us to discover more solutions!
- Structured cabling solutions (Compose)

2 White space

Benefit from our set of solutions enabling you to respond to the growing amount of data and the need for modular, flexible and high-performance infrastructures.

- Performance
- High density
- Scalability

Linkeo Data Center server cabinets & PDUs

See p. 1031 to 1034

Infinium structured cabling

See p. 1028-1029

Consult us to discover more solutions!
- Static transfer switches (Borri)
- Open channel busway (Starline)
- Intelligent PDUs (Raritan & Server Technology)
- Containment and cooling solutions (Legrand, Minkels, Modulan & U Systems)

3 Grey space...and more!

From power solutions to access control and monitoring systems, Legrand's global offering covers all the intrinsic needs of a data center.

- Energy efficiency
- Continuity of service
- Security & safety

Please consult us for more information!
- Cast resin transformers (Zucchini)
- Uninterruptible Power Supplies (Legrand & Borri)
- High amperage busbars (Zucchini & Starline)
- Cable management & EZ-Path (Cablofil)
- Monitoring solutions (Geiger)
- Access control solutions (Legrand)

Infinium™ HD

enclosures, cassettes and adapter panels

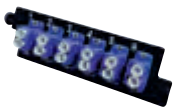
INFC01U-M4-E

LM4-LC12J-1A3UN

LM4-LC24H-2A4UN

LM4-LC24J-2A2UN

LM4-LC12H


HDFP-LCD12AC

HDFP-LCD12CC

HDFP-LCQ24LC

Pack	Cat.Nos	HD enhanced enclosures
		High density, up to 96 LC connectors in 1 U of rack space To be equipped with Infinium Quantum/ Ultra/Core pre-terminated cassettes or Infinium acclAIM adapter panels Integrated LED lighting and white tray Forward-sliding label card 60/40 split tool-less top cover Tool-less cable attachment arms Pivot arms for fibre slack management Magnesium color scheme
1	INFC01U-M4-E	1 U
1	INFC02U-M4-E	2 U
1	INFC04U-M4-E	4 U
		Infinium Quantum M4 cassettes
		Universal polarity for simple installation Each cassette is designed to support MPO to LC connectivity Pre-terminated for fastest installation, highest performance and consistent factor quality Industry leading performance is available only when mated with matched Infinium Quantum Trunk and Infinium Quantum fiber patch cords Fiber port labeling provides easier administration Compact high density design Tool-less installation
		Single mode IL(1) Max/Random(2): 0.375 dB
1	LM4-LC12J-1A3UN	12 Fiber MTP to Duplex LC OS2
1	LM4-LC24J-2A3UN	24 Fiber 2MTP to Quad LC OS2
1	LM4-LC24J-1A3H1	24 Fiber MTP to Quad LC OS2
		Multimode IL(1) Max/Random(2): 0.35 dB
1	LM4-LC12H-1A4UN	12 Fiber MTP to Duplex LC OM4
1	LM4-LC24H-2A4UN	24 Fiber 2MTP to Quad LC OM4
		Infinium Ultra M4 cassettes
		Universal polarity for simple installation Each cassette is designed to support MPO to LC connectivity Pre-terminated for fastest installation, highest performance and consistent factor quality Fiber port labeling provides easier administration Compact high density design Tool-less installation
		Single mode IL(1) Max/Random(2): 0.6 dB
1	LM4-LC12J-1A2UN	12 Fiber MTP to Duplex LC OS2
1	LM4-LC24J-2A2UN	24 Fiber 2MTP to Quad LC OS2
1	LM4-LC24J-3C2UN	24 Fibre 3MTP to Quad LC OS2
		Multimode IL(1) Max/Random(2): 0.55 dB
1	LM4-LC12H	12 Fiber MTP to Duplex LC OM4
1	LM4-LC24H	24 Fiber 2MTP to Quad LC OM4
1	LM4-LC24H-3C3UN	24 Fiber 3MTP to Quad LC OM4

Pack	Cat.Nos	Infinium Core M4 cassettes
		Universal polarity for simple installation Each cassette is designed to support MPO to LC connectivity Pre-terminated for fastest installation, highest performance and consistent factor quality Fiber port labeling provides easier administration Compact high density design Tool-less installation
		Single mode IL(1) Max/Random(2): 1.05 dB
1	LM4-LC12J	12 Fiber MTP to Duplex LC OS2
1	LM4-LC24J	24 Fiber 2MTP to Quad LC OS2
1	LM4-LC24J-3C1UN	24 Fiber 3MTP to Quad LC OS2
		Multimode IL(1) Max/Random(2): 1.25 dB
1	LM4-LC12H-1A1UN	12 Fiber MTP to Duplex LC OM4
1	LM4-LC24H-2A1UN	24 Fiber 2MTP to Quad LC OM4
1	LM4-LC24H-3C1UN	24 Fiber 3MTP to Quad LC OM4
		Infinium M4 adapter panels
		Provide a pass-through connection with LC duplex, LC quad, or MPO ports
		LC Duplex
1	HDFP-LCD12AC	6 LC Duplex for 12 fiber single mode OS2 - Blue
1	HDFP-LCD12CC	6 LC Duplex for 12 fiber single mode OS2 - Green
1	HDFP-LCD12MB	6 LC Duplex for 12 fiber multimode OM1 - Beige
1	HDFP-LCD12LC	6 LC Duplex for 12 fiber multimode OM3 - Aqua
1	HDFP-LCD08LC	4 LC Duplex for 8 fiber multimode OM3 - Aqua
1	HDFP-LCD08AC	HD, 4 LC Duplex CER - Blue
		SC Duplex
1	HDFP-SCD12AC	6 SC Duplex for 12 fiber single mode OS2 - Blue
1	HDFP-SCD12CC	6 SC Duplex for 12 fiber single mode OS2 - Green
1	HDFP-SCD12LC	6 SC Duplex CER SM,1U,BLACK - Aqua
		LC Quad
1	HDFP-LCQ16AC	4 LC Quad for 16 fiber single mode OS2 - Blue
1	HDFP-LCQ24CC	6 LC Quad for 24 fiber single mode OS2 - Green
1	HDFP-LCQ24AC	6 LC Quad for 24 fiber single mode OS2 - Blue
1	HDFP-LCQ24MB	6 LC Quad for 24 fiber multimode OM1 - Beige
1	HDFP-LCQ16LC	4 LC Quad for 16 fiber multimode OM3 - Aqua
1	HDFP-LCQ24LC	6 LC Quad for 24 fiber multimode OM3 - Aqua
		Infinium MPO adapter Base 12
		Provide a pass-through connection with LC duplex, LC quad, or MPO ports
1	HDFP-MPA72AA	6 MPO for fiber single mode OS2 - Blue
1	HDFP-MPA72CA	6 MPO for fiber single mode OS2 - Green
1	HDFP-MPA72ED	6 MPO for fiber single mode OS2 - Grey
1	HDFP-MPA72LA	6 MPO for 72 fiber multimode OM3 - Aqua
1	HDFP-MPA96CA	6 MPO for 96 fiber single mode OS2 - Green
1	HDFP-MPA96ED	8 MPO for 96 fiber - Aligned key - Grey
1	HDFP-MPA96LA	8 MPO for 96 fiber multimode OM3, OM4 - Aqua

1: Insertion Loss
2: When mated with the same Legrand range (Quantum, Ultra, Core) trunks and patch cords

Red catalogue numbers: New products

Infinium™ HD

conversion adaptor panel and blank panels

HDFP-AME24LC

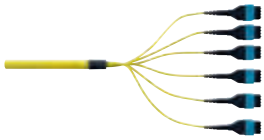
HDFP-AME48AC

HDFP-BLANK

Pack	Cat.Nos	Infinium acclAIM conversion adapter panels
		Provide a pass-through connection with LC duplex, LC quad, or MPO ports
		Adapter 24 fibers
1	HDFP-AME24LC	HDFP Adapter, 3 Adapters, OM4
1	HDFP-AME24QC	HDFP Adapter, 3 Adapters, OM5
1	HDFP-AME24AC	HDFP Adapter, 3 Adapters, OS2
		Adapter 48 fibers
1	HDFP-AME48LC	HDFP Adapter, 6 Adapters, OM4
1	HDFP-AME48QC	HDFP Adapter, 6 Adapters, OM5
1	HDFP-AME48AC	HDFP Adapter, 6 Adapters, OS2
		Blank panel
1	HDFP-BLANK	Black

Infinium™ HD

patch cords and trunks



C76DEJMMY050M

C76DAEMMY010M

Pack	Cat.Nos	Patch cords
		Fiber patch cords are built to exceed industry standards for insertion and return loss Available in A-B polarity, per TIA 568 standard Available with Plenum, riser, low-smoke zero halogen (LSZH), rated jackets (or CPR – rated for EU use) Bend-insensitive fibre for optimal cable management TAA/BAA compliant TIA Channel compliant
		OS2
1	1 320 83	Length 1m - LC MDC
1	1 320 88	Length 1m - MDC MDC
1	1 320 89	Length 2m - MDC MDC
1	1 320 90	Length 3m - MDC MDC
1	1 320 91	Length 5m - MDC MDC
		OM4
1	1 320 81	Length 1m - LC MDC
1	1 320 84	Length 1m - MDC MDC
1	1 320 85	Length 2m - MDC MDC
1	1 320 86	Length 3m - MDC MDC
1	1 320 87	Length 5m - MDC MDC
		OM5
1	1 320 82	Length 1m - LC MDC
1	1 320 92	Length 1m - MDC MDC
		Infinium acclAIM trunks
		OS2
1	C76DAJMMY010M	24 fibers, length 10m
1	C76DAJMMY020M	24 fibers, length 20m
1	C76DAJMMY030M	24 fibers, length 30m
1	C76DAJMMY040M	24 fibers, length 40m
1	C76DAJMMY050M	24 fibers, length 50m
1	C76DEJMMY050M	48 fibers, length 50m
		OM4
1	C76DAEMMY010M	24 fibers, length 10m
1	C76DAEMMY020M	24 fibers, length 20m
1	C76DAEMMY030M	24 fibers, length 30m
1	C76DAEMMY040M	24 fibers, length 40m
1	C76DAEMMY050M	24 fibers, length 50m
1	C76DEEMMY050M	48 fibers, length 50m

LCS³ fiber patch cords, **p. 1004**

On-demand patch cords up to 50 m and trunks up to 150 m, **contact your local sale rep**

Red catalogue numbers: New products

LCS³ Meet-Me Room, reliability at the heart of data centers

Whether it's a regional data center, a colocation facility or a hyperscale, access to the outside world is vital. The Legrand LCS³ Meet-Me Room portfolio offers a reliable and fully scalable solution, designed to provide quality and efficiency.

Excellence & ease of work

- High quality: fiber components ensuring high levels of quality and performance at all times
- Simple installation: different mounting possibilities
- Simplified patching and cable management: designed for high density applications
- Simple maintenance: Optical Distribution Frames patch panels can be used fully front loaded and are equipped with a slide-forward function

On-demand solutions covering all needs

With the LCS³ Meet-Me Room concept, you can create the exact installation you need: there are solutions for every configuration and requirement!
It even offers the possibility of adding extra functionalities where necessary, such as WDM Mux/Dmux or PON integration.

For more information,
take a look at the Meet-Me Room brochure!

Legrand cabling system, LCS³ Meet-Me Room solutions - cassettes, frames and accessory

N

C49001 (equipped with cassettes)

C42002

Can be used in combination with other LCS³ solutions to create an optimal connectivity solution for the entire data center

Pack	Cat.Nos	ODF splice-patch cassettes
		Designed for fast and easy splicing of large amounts of fibers Fully scalable: up to four cassettes on 1U allow for finishing up to 96 fibers, including Air Blown Fibers Completely preloaded delivery including adapters, pigtails, splice trays, heat shrink splice protectors and mounting materials
		24 fibers - single-mode - LC/PC cassettes
1	C40001	Left splice-patch cassette
1	C40002	Right splice-patch cassette
		24 fibers - single-mode - LC/APC cassettes
1	C40003	Left splice-patch cassette
1	C40004	Right splice-patch cassette
		Empty base panel
1	C49001	Empty base panel (1U) for ODF splice-patch cassettes
		ODF patch-open end cassettes
		Designed for situations where a distribution box or outside-plant splice box is used for splicing Cable diameter 4.5 mm: can be used outside plant in combination with a (multi)duct Cassettes equipped with an open-end cable length 15 m (other lengths available on request)
		24 fibers - single-mode - LC/PC cassettes
1	C42001	Left patch-open end cassette
1	C42002	Right patch-open end cassette
		24 fibers - single-mode - LC/APC cassettes
1	C42003	Left patch-open end cassette
1	C42004	Right patch-open end cassette
		Mounting plates
1	C49002	19" mounting plates for ODF patch-open end cassettes
		ODF frames
		Dimensions: H 2050 x W 900 x D 400 mm 42U Completely closed: the most critical connections in the data center are well protected against external influences Delivered fully pre-assembled including side panels, back panel, doors, roof and integrated cable management
1	C44001	Frame with cable management on the left
1	C44002	Frame with cable management on the right
		Accessory
25	C49004	Heat shrink splice protectors 40mm

Red catalogue numbers: New products

Linkeo Data Center 19" server cabinets

cabinets and equipment

4 468 00

4 468 20

4 468 40

4 468 50

4 468 60

Technical characteristics **p. 1035**

19" server cabinets

19" freestanding server cabinets for data storage, server housing, infrastructural cabling and have also solutions for hot/cold corridor datacenter architecture
IP 20 baying cabinets
1500 kg load carrying capacity
Equipped with 4 x 19" uprights with U marking and adjustable depth
Pre-cut cable entries (top and bottom)
Cut-out at the top for fan kit
Black RAL 9005

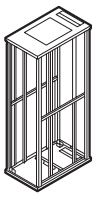
Complete server cabinets (ready assembled)
Equipped with:
- Single front and read midcroperforated 80% door
- 2 side panels
- levelling feet
- grounding kit

Pack	Cat.Nos	Capacity	Height (mm)	Width (mm)	Depth (mm)
1	4 468 00	42 U	2052	600	1000
1	4 468 01	42 U	2052	600	1200
1	4 468 02	42 U	2052	780	1000
1	4 468 03	42 U	2052	780	1200
1	4 468 04	47 U	2274	600	1000
1	4 468 05	47 U	2274	600	1200
1	4 468 06	47 U	2274	780	1000
1	4 468 07	47 U	2274	780	1200

Server cabinet frame

Cabinet frame without doors, side panels, levelling feet

Pack	Cat.Nos	Capacity	Height (mm)	Width (mm)	Depth (mm)
1	4 468 20	42 U	1967	600	1000
1	4 468 21	42 U	1967	600	1200
1	4 468 22	42 U	1967	780	1000
1	4 468 23	42 U	1967	780	1200
1	4 468 24	47 U	2189	600	1000
1	4 468 25	47 U	2189	600	1200
1	4 468 26	47 U	2189	780	1000
1	4 468 27	47 U	2189	780	1200

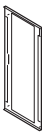


Front or rear cabinets doors

DKP sheet metal
80% perforations
Can open 220°
Equipped with locking mechanism (3 point lock) and hinge system
Includes 1 piece of door with key

Reversible single opening

Pack	Cat.Nos	
1	4 468 40	For cabinets 42 U - 600mm
1	4 468 41	For cabinets 42 U - 780mm
1	4 468 42	For cabinets 47 U - 600mm
1	4 468 43	For cabinets 47 U - 780mm



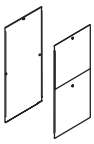
Double opening (in 2 parts)

Pack	Cat.Nos	
1	4 468 50	For cabinets 42 U - 600mm
1	4 468 51	For cabinets 42 U - 780mm
1	4 468 52	For cabinets 47 U - 600mm
1	4 468 53	For cabinets 47 U - 780mm

Cabinet side panels

Fixed to cabinet by cylindrical key lock
Set of 2 side panels
Side panel in 1 piece for 1000 mm deep cabinets
Side panel in 2 pieces (half cabinet height) for 1200 mm deep cabinets

Pack	Cat.Nos	
1	4 468 60	For cabinets 42 U - 1000mm (1 part)
1	4 468 61	For cabinets 42 U - 1200mm (2 parts)
1	4 468 62	For cabinets 47 U - 1000mm (1 part)
1	4 468 63	For cabinets 47 U - 1200mm (2 parts)



Red catalogue numbers: New products

Linkeo Data Center 19" server cabinets

accessories

4 468 70

4 468 91

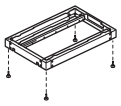
4 468 95

4 469 01

Plinths

Metal plinths consisting of 4 corner blocks
Height: 100 mm

Pack	Cat.Nos	
1	4 468 70	Width 600mm - depth 1000 mm
1	4 468 71	Width 600mm - depth 1200 mm
1	4 468 72	Width 800mm - depth 1000 mm
1	4 468 73	Width 800mm - depth 1200 mm

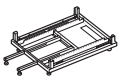


Casters and levelling kit

Pack	Cat.Nos	
1	4 468 80	Set of 4 casters Must be use with levelling feet Load capacity per caster: fixed (150 kg), moving (112 kg)
1	4 468 81	Levelling feet Set of 4 pcs Possible to adjust height of the feet from the floor Load capacity per levelling feet: 375 kg

Anti-tilt bar

Pack	Cat.Nos	
1	4 468 86	Bars provide a high level of stability for the products



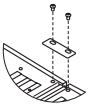
Floor fixing kit

Galvanised sheet metal
4-points fixing between the cabinet and the floor - front/rear, right/left
Must be use with casters and levelling feet

Pack	Cat.Nos	
1	4 468 87	Cabinets floor fixing kit

Baying kit

Pack	Cat.Nos	
1	4 469 47	Set of 2 pcs



Vertical patchcord manager

To guide and manage the cords vertically
Set of 2 pcs
Compatible only with 800 mm wide cabinets

Finger type
Particularly suitable for optical cables

Pack	Cat.Nos	
1	4 468 91	42 U
1	4 468 92	47 U

Metal
Particularly suitable for heavier cables

Pack	Cat.Nos	
1	4 468 93	42 U
1	4 468 94	47 U

Cable tray

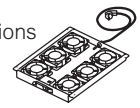
Perforated metal tray to fix cables on cabinet sides

Pack	Cat.Nos	
1	4 468 95	42 U - width 100 mm
1	4 468 96	47 U - width 100 mm

Fan modules

4 or 6 pcs of fan on a module, with ON/OFF switch, analog thermostat functions
Complete inner wiring
230 V~
Power supply cord 3 m

Pack	Cat.Nos	
1	4 469 01	4 fans, 2P+E European standard (French - German standard) plug
1	4 469 02	4 fans, 2P+E British standard plug
1	4 469 03	6 fans, 2P+E European standard (French - German standard) plug
1	4 469 04	6 fans, 2P+E British standard plug



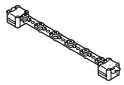
PDU holder

To mount PDUs vertically
To be fixed in the corner of the cabinet

Pack	Cat.Nos	
1	4 468 97	Set of 2 pcs, for 1 PDU

Grounding busbar kit

Pack	Cat.Nos	
1	4 468 98	6 pieces earthing leads + copper busbar



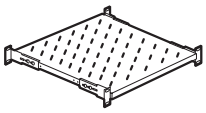
Red catalogue numbers: New products

Linkeo Data Center 19" server cabinets - accessories (continued)

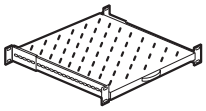
6 465 07

6 465 20

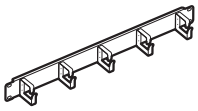
Pack	Cat.Nos	Linkeo fixed shelves
1	6 465 07	Screw fixing on 4 x 19" uprights Height 1 U Max. load: 50 kg Black RAL 9005 Shelf depth 825 For depth 1000 mm



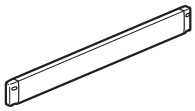
Pack	Cat.Nos	Linkeo telescopic shelves
1	6 465 10	Screw fixing on 4 x 19" uprights. Height 1 U Max. load: 30 kg. Black RAL 9005 Shelf depth 825 For depth 1000 mm



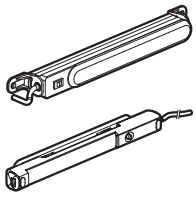
Pack	Cat.Nos	19" management panels
		Fitted with cable guide rings
1	6 465 20	1 U
1	6 465 21	2 U



Pack	Cat.Nos	19" blanking plates
		Black RAL 9005 Plastic, direct clipping
1	0 465 32	1 U
1	0 465 33	2 U



Pack	Cat.Nos	LED Lighting
		Prewired with 2 m length power cord Magnets fastening
1	0 464 91	With switch 60° swivel
1	0 363 81	With presence sensor 120° swivel



Tests and complied standards

1) ISO 9001:2015 Quality Management System
2) ISO 14001:2015 Environnemental Management System
3) ISO 27001:2013 Information Security Management System
4) ISO 45001:2018 Occupational Health and Safety Management System
5) 19" device mounting uprights IEC 60297 series
6) EN 60917 series Mechanical structures for electronic equipment
7) All cabinet sizes complies with IEC 60297 series

Resistance to environmental conditions and corrosion:
- stability, mechanical safety, resistance to static, dynamic and mechanical loads
- resistance to vibration, mechanical shock and impact
- degrees of mechanical protection provided by the enclosure (IP 20), electrical grounding continuity
- fire and flame resistance

Have been tested according to the standard - EN 61587-1 with the normative standards: IEC 60917, IEC 60297, IEC 60068-1, IEC 60068-2, IEC 60695-10-11, IEC 60950-1, contained and certified by the notified organizations

TSE certificate number:
- 003788-TSE-08/02

EAC certifcate number:
- 0443637, 0776963, 0345864, 0401678, 0776653

Corrosion:
ISO 9227 Standard complied by the test report METALTEK AB-0547-T / 0157-1

Transport:
- ETS 300 019-1-2 Class 2-3 Comply with internal testing

Storage:
- ETS 300 019-1-1 Class 1-2 Comply with internal testing

Surface finish:
Electrostatic powder coated c/with surface treatment, 80 +/-5 micron paint thickness

Linkeo Data Center corridor and server cabinets

airflow management solutions

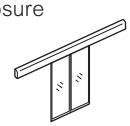
4 469 21

4 469 12

4 469 50

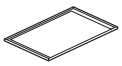
In data center rooms, to optimize cooling efficiency in data center

Pack	Cat.Nos	Corridor doors
		Sliding doors providing an airtight enclosure for the aisle containment system Double opening Opening and exit with hand sensor Tempered glass Corridor door fixing module included Can be connected to system to force the door to open or close (e.g fire systems) Equiped with 2 batteries inside which activates automatically and keeps the door running incase of a power cut
1	4 469 20	42 U - width 1200 mm - for cabinet depth 1000 mm
1	4 469 21	42 U - width 1200 mm - for cabinet depth 1200 mm
1	4 469 22	47 U - width 1200 mm - for cabinet depth 1000 mm
1	4 469 23	47 U - width 1200 mm - for cabinet depth 1200 mm

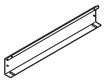


Pack	Cat.Nos	Corridor rear panel modules
		To close the back of the aisle containment system When you don't need a second door
1	4 469 30	42 U cabinets height - 1200 mm corridor width
1	4 469 31	47 U cabinets height - 1200 mm corridor width

Pack	Cat.Nos	Top panel module
		To close the top of hot/cold aisle Polycarbonate (4 mm thickness) with reinforced metal frame To form a roof provide 1 top panel edge module and others top panel module
1	4 469 10	Top panel module, 600 x 1200 mm
1	4 469 11	Top panel module, 800 x 1200 mm
1	4 469 12	Top panel edge module, 600 x 1200 mm
1	4 469 13	Top panel edge module, 800 x 1200 mm

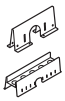


Pack	Cat.Nos	Top cover panel
		For close the top of hot/cold aisle containment Transparent roof panels providing high translucency / light transmission Polycarbonate (4 mm)
1	4 469 41	Width 600 mm, height 120 mm
1	4 469 42	Width 800 mm, height 120 mm



Pack	Cat.Nos	Airflow management top and bottom and side panels
		To create an airtight enclosure
		Top and bottom panels
1	4 469 50	Width 600 mm
1	4 469 51	Width 800 mm
		Side panels
1	4 469 52	42 U, width 600 mm
1	4 469 53	42 U, width 800 mm
1	4 469 54	47 U, width 600 mm
1	4 469 55	47 U, width 800 mm

Pack	Cat.Nos	Top cover cable separators
		Seperate cable inlet for data and energy cables Separate overhead cable trays and dividers Minimize the electromagnetic and physical interference
1	4 469 43	A type, height 120 mm, width 600 mm
1	4 469 44	A type, height 120 mm, width 800 mm
1	4 469 45	M type, height 200 mm, width 600 mm
1	4 469 46	M type, height 200 mm, width 800 mm



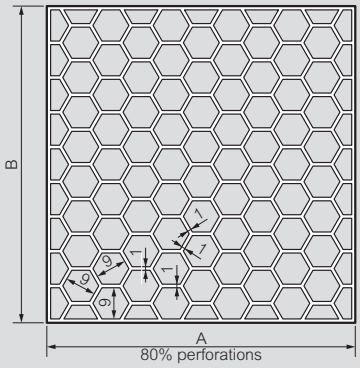
Red catalogue numbers: New products

Linkeo Data Center 19" server cabinets

Technical characteristics

Index of protection
• IP20 according to EN 61587-1, IEC 60529 IP20: Protected against solid objects larger than 12.5 mm in diameter

Front door structure
• Produced from DKP sheet metal
• The door has 80% perforations to have a good air flow
• Provides enough space for patch cords between door and equipment
• Can open 220°



Locking mechanism
• 3 point lock, handle with semi cylindrical barrel
Hinge System:
3 pcs Zinc alloy Steel to fix the door

Side panel structure
• Produced from DKP sheet metal
• Thickness is 1 mm
• Fixed to cabinet by cylindrical lock
• 2 pcs in one side

Rear door structure:
• Produced from DKP sheet metal
• The flat door has 80% perforations to have a good air flow
• Can open 220°

Locking mechanism
3 point lock, handle with semi cylindrical barrel

Hinge System
3 pcs Zinc alloy Steel to fix the door

Roof structure
• Produced from DKP sheet metal
• Suitable to fan module fixing
• Plenty of cable entry possibility
• Brush type cable entries

Purchased product certification

Sheet steel
EN 10346:20015 DX51D+Z, EN 10130:2006 DC01

Electrostatic powder coat NG:
ISO 6860, ISO 2409, ISO 1520, ISO 2815, ISO 6272, ISO 6270-1, ISO 2812, ISO 9001, RoHS

Glass
TS EN 12150-A, TS EN 1863-1

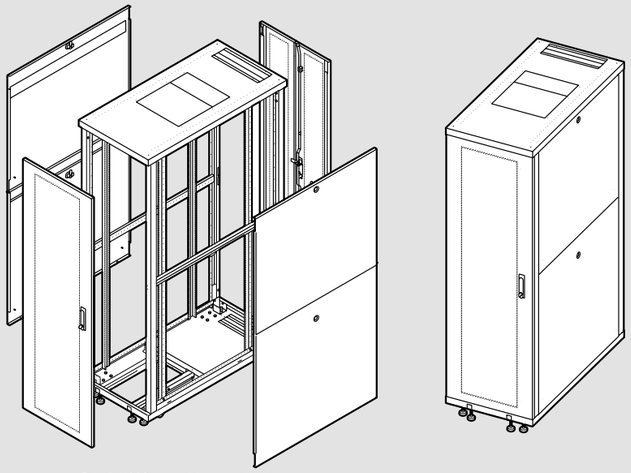
Lock:
IEC 62474, REACH, RoHS

Castors:
ISO 9001, TS EN 12532, RoHS

Fan:
IEC 60335-2-80, IEC 60335-1

Linkeo Data Center 19" server cabinets (continued)

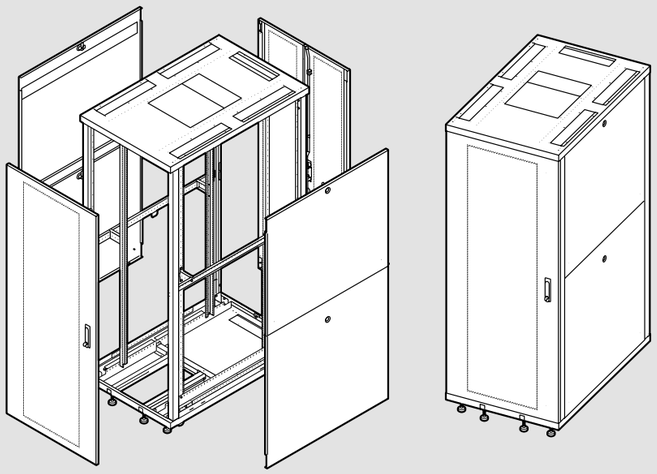
19" Linkeo server width 600 mm



Depth 1000 mm: side panels in 1 part
Depth 1200 mm: side panels in 2 parts

Cat.Nos	U size	Width overall (mm)	Depth overall (mm)	Depth max. mounting profile (mm)	Height vertical mounting profile (mm)	Height without levelling feet (mm)	Height with levelling feet min. (mm)	Height with casters (mm)
4 468 00/20	42	600	1000	830	1867	1967	2052	2047
4 468 01/21	42	600	1200	1030	1867	1967	2052	2047
4 468 04/24	47	600	1000	830	2089	2189	2274	2269
4 468 05/25	47	600	1200	1030	2089	2189	2274	2269

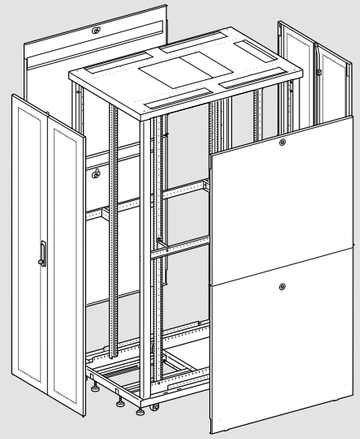
19" Linkeo server width 800 mm

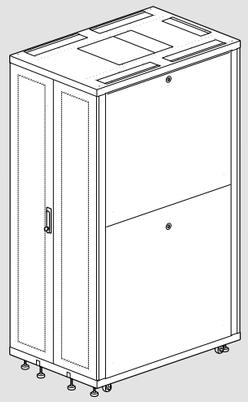


Depth 1000 mm: side panels in 1 part
Depth 1200 mm: side panels in 2 parts

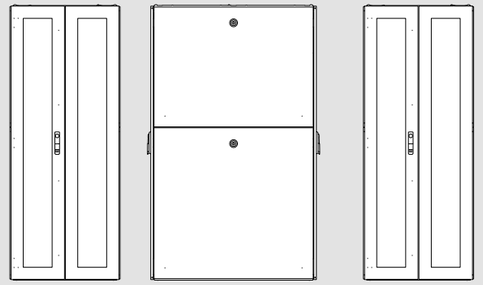
Cat.Nos	U size	Width overall (mm)	Depth overall (mm)	Depth max. mounting profile (mm)	Height vertical mounting profile (mm)	Height without levelling feet (mm)	Height with levelling feet min. (mm)	Height with casters (mm)
4 468 02/22	42	780	1000	830	1867	1967	2052	2047
4 468 03/23	42	780	1200	1030	1867	1967	2052	2047
4 468 06/26	47	780	1000	830	2089	2189	2274	2269
4 468 07/27	47	780	1200	1030	2089	2189	2274	2269

Views

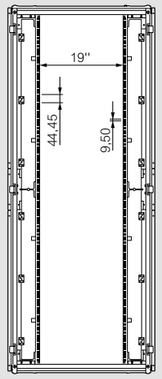




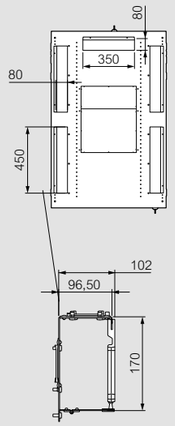
Iso view



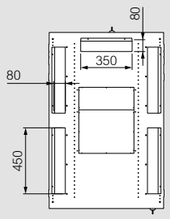
Front view — Side view — Rear view



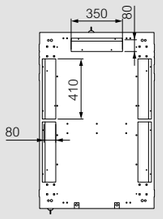
Front view



Organiser



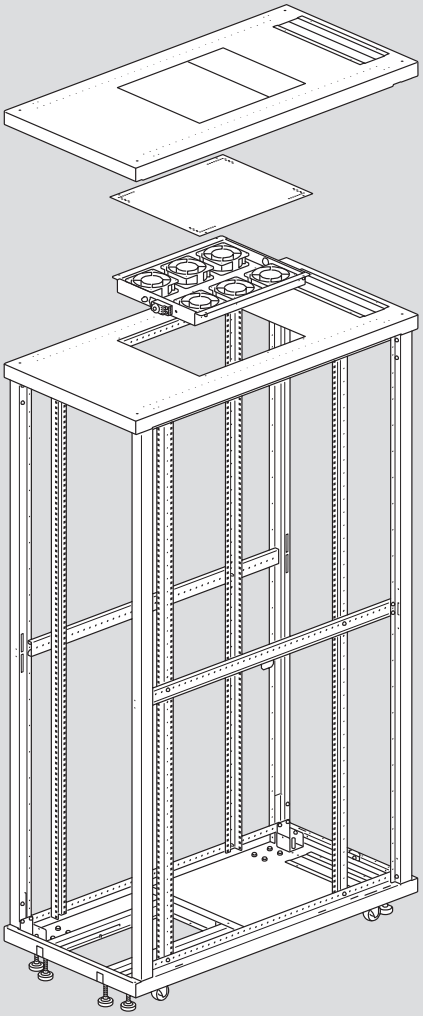
Top view



Bottom view

Linkeo Data Center 19" server cabinets (continued)

Roof options



Automatic opening

Wing Frame Material:
Aluminium

Glass:
4+4 mm transparent laminated glass

Carrier System:
5x60x120 mm - 4 bracelets ; 40x60x2mm Alm. Profile posts

Carrier Wide:
3200 mm - 3600 mm (Depends to the cabinets depth)

Security Sensor:
Active 8 curtain photocell sensor

Mechanism Wide:
2500 mm

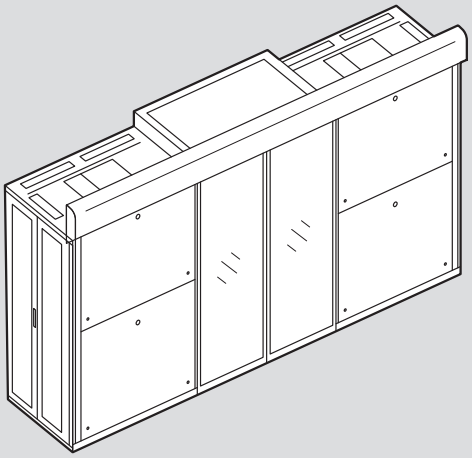
Corridor Wide:
1200x2240 m

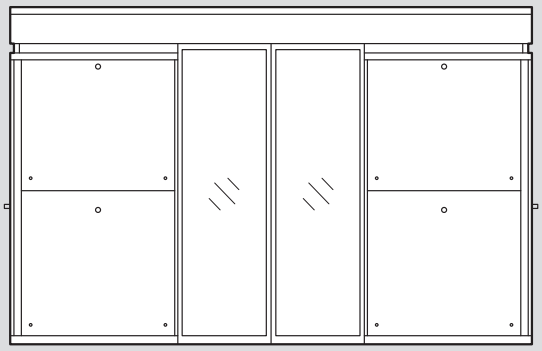
Wings:
2 x moving wings, automatic

Locking:
Electro-mechanic locking systems

Colour:
RAL 9005

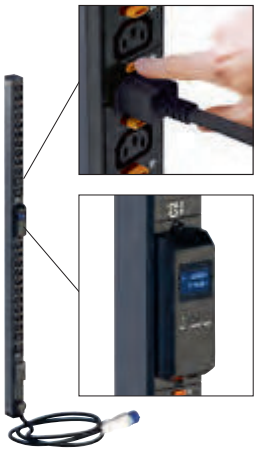
System is CE, TUV and ISO certificated



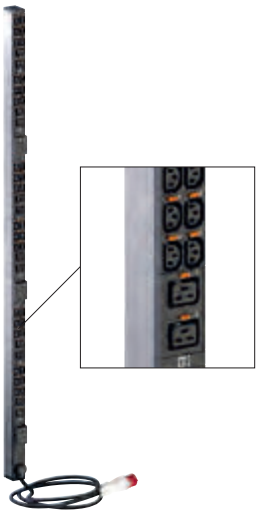


Power Distribution Units (PDU), Linkeo Data Center

Basic and Basic with Local Power Meter



6 469 66



6 469 74

To provide ∿ electric power for IT equipment in 19" enclosures
Equipped with hydraulic magnetic circuit protection with high current interruption capacity. Hydraulic magnetic circuit breakers are not affected by ambient temperature
330° rotating cable input for a perfect orientation of the cable and no interference in the cabinet
IEC 60320 C13 and C19 outlets. Each C13 and C19 outlets are numbered gradually from the input and equipped with cord locking system to avoid any accidental disconnection (100 Newton retention force)
High Density (HD) PDUs provide a high density of C13 outlets to optimize outlet quantity and PDU length
High ambient temperature rating: 55°C
Aluminium chassis
Zero-U PDUs for vertical mounting in the cabinet. Supplied with standard and button-type mounting brackets

Pack	Cat.Nos	Basic PDU
		Single phase - 16 A 230 V - 50/60 Hz power supply
1	6 469 60	18 C13 outlets + 4 C19 3 m power supply cord with IEC 60309 16A plug
1	6 469 61	20 C13 outlets + 4 C19 C20 inlet (can receive power cables Cat.Nos 6 469 05 and 6 469 06)
		Single phase - 32 A 230 V - 50/60 Hz power supply
1	6 469 62	20 C13 outlets + 4 C19 3 m power supply cord with IEC 60309 32A plug
1	6 469 63	12 C13 outlets + 12 C19 3 m power supply cord with IEC 60309 32A plug
		Three phase - 16 A 400 V - 50/60 Hz power supply
1	6 469 64	21 C13 outlets + 3 C19 3 m power supply cord with IEC 60309 16A plug
1	6 469 65	24 C13 outlets + 6 C19 3 m power supply cord with IEC 60309 16A plug
		Basic PDU with Local Power Meter Local Power Meter module monitors voltage (V), current (A), active power (kW) and energy (kWh) Phase and circuits measurements: +/- 1% metering accuracy Data's display on SLCD screen Buzzer alarm Hot swappable architecture
		Single phase - 32A 230 V - 50/60 Hz power supply
1	6 469 66	20 C13 outlets + 4 C19 3 m power supply cord with IEC 60309 32A plug

Pack	Cat.Nos	Basic HD PDU
		Single phase - 32 A 230 V - 50/60 Hz power supply
1	6 469 71	24 C13 outlets + 12 C19 3 m power supply cord with IEC 60309 32A plug
1	6 469 72	36 C13 outlets + 6 C19 3 m power supply cord with IEC 60309 32A plug
		Three phase - 16 A 400 V - 50/60 Hz power supply
1	6 469 11	24 C13 outlets + 12 C19 3 m power supply cord with IEC 60309 16A plug
1	6 469 10	36 C13 outlets + 6 C19 3 m power supply cord with IEC 60309 16A plug
		Three phase - 32 A 400 V - 50/60 Hz power supply
1	6 469 73	24 C13 outlets + 12 C19 3 m power supply cord with IEC 60309 32A plug
1	6 469 74	36 C13 outlets + 12 C19 3 m power supply cord with IEC 60309 32A plug
1	6 469 75	36 C13 outlets + 6 C19 3 m power supply cord with IEC 60309 32A plug
		Basic HD PDU with Local Power Meter Local Power Meter module monitors voltage (V), current (A), active power (kW) and energy (kWh) Phase and circuits measurements: +/- 1% metering accuracy Data's display on SLCD screen Buzzer alarm Hot swappable architecture
		Three phase - 16 A 400 V - 50/60 Hz power supply
1	6 469 70	36 C13 outlets + 6 C19 3 m power supply cord with IEC 60309 16A plug

Configure To Order: Need another configuration and/or functions ? Legrand is organized to configure PDUs as per your request.
Please contact your sales representative

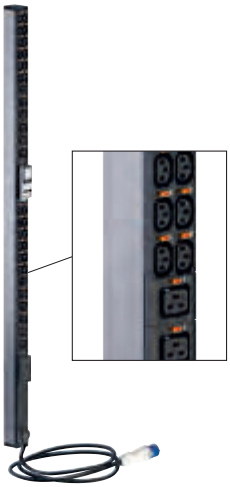
Red catalogue numbers: New products

Power Distribution Units (PDU), Linkeo Data Center

Intelligent Metered, Intelligent Switched

6 461 02

6 461 03



6 461 07

6 461 27

To provide ∿ electric power for IT equipment in 19" enclosures
Metering at inlet level (+/- 1% metering accuracy)
Connected device enabling remote access to all measurements and alerts
2 versions available: NODE version with all functions and BASE version
NODE PDU: with hot swappable full IP controller for connection to LAN. Possible cascading of up to 16 node PDUs with USB cords
BASE PDU: without controller. Need to be connected to a NODE PDU for IP connection. Possible cascading of up to 31 base PDUs downstream to a node PDU with RJ 45 patch cables (RS 485 - Modbus link). BASE is hot swappable and upgradable with a node controller Cat.No 6 461 30
Possibility to add wireless sensors (temperature, humidity...) for environmental monitoring
Equipped with hydraulic magnetic circuit protection with high current interruption capacity. Hydraulic magnetic circuit breakers are not affected by ambient temperature
330° rotating cable input for a perfect orientation of the cable and no interference in the cabinet
IEC 60320 C13 and C19 outlets. Each C13 and C19 outlets are numbered gradually from the input and equipped with cord locking system to avoid any accidental disconnection (100 Newton retention force)
High Density (HD) PDUs provide a high density of C13 outlets to optimize outlets quantities and PDU length
High ambient temperature rating: 55°C
Aluminium chassis.
19" PDUs and Zero-U PDUs for vertical mounting in the cabinet (supplied with standard and button-type mounting brackets)

Intelligent metered PDUs

Pack	Cat.Nos Base version	Cat.Nos Node version	
			Single phase - 16 A 230 V - 50/60 Hz power supply
1	6 461 00	6 461 01	8 C13 outlets 19" PDU C20 inlet (can receive power cables Cat.Nos 6 469 05 and 6 469 06)
1	6 461 02	6 461 03	18 C13 outlets + 4 C19 3 m power supply cord with IEC 60309 16 A plug
			Single phase - 32 A 230 V - 50/60 Hz power supply
1	6 461 04	6 461 05	20 C13 outlets + 4 C19 3 m power supply cord with IEC 60309 32 A plug

Intelligent metered HD PDUs

Pack	Cat.Nos Base version	Cat.Nos Node version	
			Single phase - 32 A 230 V - 50/60 Hz power supply 3 m power supply cord with IEC 60309 32 A plug
1	6 461 06	6 461 07	24 C13 outlets - 12 C19
1	6 461 08	6 461 09	36 C13 outlets + 6 C19
			Three phase - 16 A 400 V - 50/60 Hz power supply 3 m power supply cord with IEC 60309 16 A plug
1	6 461 10	6 461 11	36 C13 outlets + 6 C19
			Three phase - 32 A 400 V - 50/60 Hz power supply 3 m power supply cord with IEC 60309 32 A plug
1	6 461 12	6 461 13	24 C13 outlets + 12 C19
1	6 461 14	6 461 15	36 C13 outlets + 12 C19
1	6 461 16	6 461 17	36 C13 outlets + 6 C19

Intelligent switched PDUs

Pack	Cat.Nos Base version	Cat.Nos Node version	
			Outlets switching Remotely ON/OFF control of each outlet **Single phase - 16 A** 230 V - 50/60 Hz power supply
1	6 461 20	6 461 21	21 C13 outlets - 3 C19 C20 inlet (can receive power cables Cat.No 6 469 05 and 6 469 06)
			Single phase - 32 A 230 V - 50/60 Hz power supply
1	6 461 22	6 461 23	20 C13 outlets + 2 C19 3 m power supply cord with IEC 60309 32 A plug
1	6 461 24	6 461 25	21 C13 outlets + 3 C19 3 m power supply cord with IEC 60309 32 A plug
			Three phase - 16 A 400 V - 50/60 Hz power supply
1	6 461 26	6 461 27	21 C13 outlets - 3 C19 3 m power supply cord with IEC 60309 32 A plug
1	6 461 28	6 461 29	24 C13 outlets + 6 C19 3 m power supply cord with IEC 60309 32 A plug

Configure To Order: Need another configuration and/or functions ? Legrand is organized to configure PDUs as per your request.
Please contact your sales representative

Red catalogue numbers: New products

Power Distribution Units (PDU), Linkeo Data Center

accessories and Power cords

6 461 30

6 460 03

6 441 01

6 442 07

Pack	Cat.Nos	Accessories for metered and switched Intelligent PDUs
		Node PDU controller
1	6 461 30	Controller module Plug the controller on a base version of intelligent PDU to transform it into a node version
		Wireless sensors For cabinet environmental monitoring Easy wire-free deployment and maintenance Wireless communication with PDUs (2.4 GHz Zigbee Green Power) Ultra long battery life (5+ years replaceable battery) Different fixing solutions for sensors: with double sided tape, with cable ties, with a swing nut (supplied with the sensors) or with accessory Cat.No 6 460 06 for a more stylish installation
1	6 460 03	Temperature & Humidity wireless sensor Monitors cool air entering and/or hot air being expelled, and optimizes your cooling infrastructure
1	6 460 04	Contact closure wireless sensor To be installed inside the rack to manage door contact sensors and alert in case of door opening/closing
		Accessories for all PDUs
		Power cables Cable IEC 60320 C19 to IEC 60309 16 A 2P+E plug Rotary locking mechanism on C19 plug that fits any standard C20 inlet to avoid accidental disconnection
1	6 469 05	Length 1.5 m
1	6 469 06	Length 3 m
		Brackets
1	9 812 27	1 set of Zero-U PDU mounting bracket for Nexpand rack
1	9 812 28	10 sets of Zero-U PDU mounting bracket for Nexpand rack
		Locking caps To block the use of an outlet. A key is necessary to remove the cap and free the access Light grey RAL 7035
6	6 468 94	Set of 6 locking caps for C13 outlet + 1 key
6	6 468 95	Set of 6 locking caps for C19 outlet + 1 key

Pack	Cat.Nos	Power cords C14 to C13 plugs
		Server side locking Unique rotary mechanism on C13 plug that fits any standard C14 inlet Set of 10
		Black
1	6 441 00	Length 0.5 m
1	6 441 01	Length 1 m
1	6 441 02	Length 1.5 m
1	6 441 03	Length 2 m
		Red
1	6 441 06	Length 0.5 m
1	6 441 07	Length 1 m
1	6 441 08	Length 1.5 m
1	6 441 09	Length 2 m
		Blue
1	6 441 12	Length 0.5 m
1	6 441 13	Length 1 m
1	6 441 14	Length 1.5 m
1	6 441 15	Length 2 m
		Power cords C20 to C19 plugs
		Server side locking Unique rotary mechanism on C19 plug that fits any standard C20 inlet Set of 10
		Black
1	6 442 01	Length 1 m
1	6 442 02	Length 1.5 m
1	6 442 03	Length 2 m
		Red
1	6 442 07	Length 1 m
1	6 442 08	Length 1.5 m
1	6 442 09	Length 2 m
		Blue
1	6 442 13	Length 1 m
1	6 442 14	Length 1.5 m
1	6 442 15	Length 2 m

Red catalogue numbers: New products

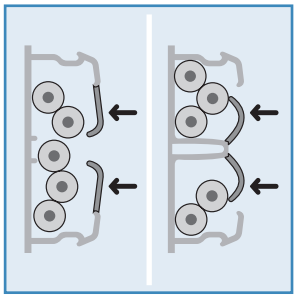
DLPlus mini-trunking: profiles and accessories

BODIES	SECTION	FINISHING ACCESSORIES						
Size and shape	Length 2.10 m	End cap	Internal angle	External angle	Flat angle	Cover joint	Flat T junction	Junction box
20 x 12.5	0 300 07 0 300 08 6 489 05	0 312 02	0 302 21	0 302 21	0 302 23	0 336 02	0 302 24	0 303 16(1)
32 x 12.5	0 300 14 0 300 15	0 312 03	0 302 51	0 302 51	0 302 53	0 336 03	0 302 54	0 303 16
32 x 16	0 308 04 6 489 06	0 312 07	0 333 25	0 333 25	0 333 27	0 336 04	0 333 30	0 303 16
40 x 20	0 300 27	0 312 11	0 302 81	0 302 81	0 302 83	0 336 06	0 302 08	0 303 16
60 x 20	0 301 14	0 302 90	0 302 91	0 302 92	0 302 93	0 336 08	0 302 09	0 303 16
75 x 20	0 300 33	0 303 00	0 303 01	0 303 02	0 303 03	0 336 09	0 302 18	0 303 16

1: Dimensions: 75 x 75 mm

Cable-grip

It makes the installation easier and faster by containing all the wires inside the trunking body before the cover is clipped



Comfortable implementation

■ During installation, the conductors stay in place in the 1 or 2 compartment mini-trunking thanks to cable-grip membranes

Speed of installation

■ Cable holding is integrated with the trunking (no staple to add)

■ Easy conductors position

■ Quick cover fitting

DLPlus mini-trunking: wiring accessories frames

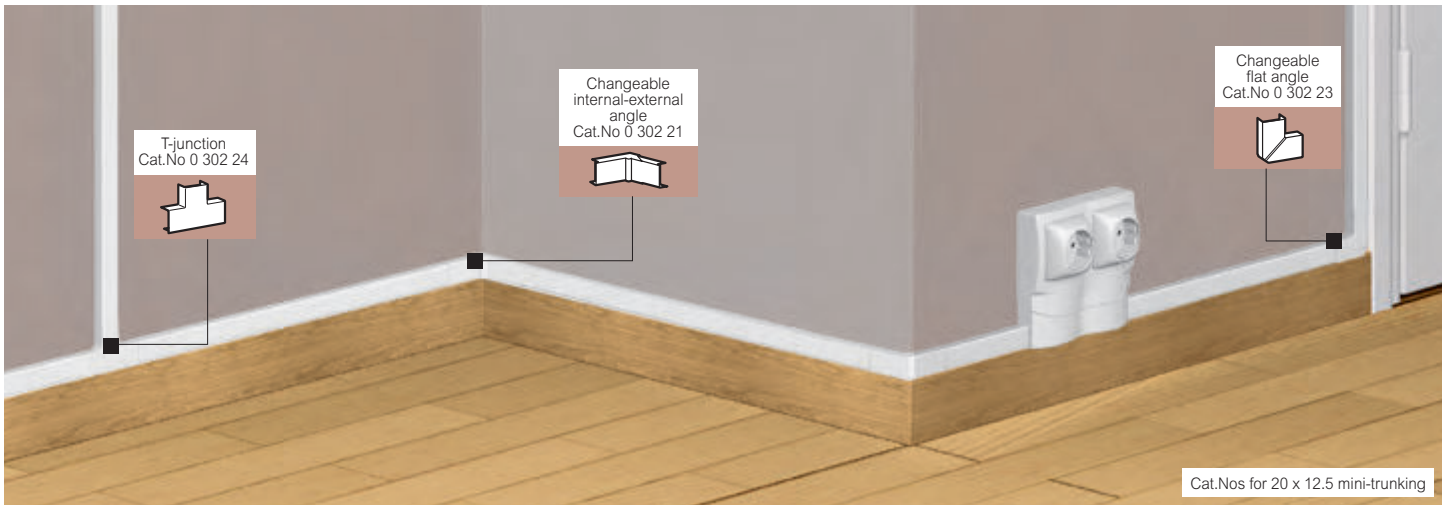
BODIES	MOSAIC FRAMES									
Size and shape	Installation at the end of the mini-trunking[1]					Installation alongside the mini-trunking[1]				
	2 modules[2]	4 modules[3]	6 modules[4]	2 x 4 modules[5]	3 x 4 modules[6]	2 modules[2]	4 modules[3]	6 modules[4]	2 x 4 modules[5]	3 x 4 modules[6]
	1 frame + 1 adaptor					1 frame + 1 adaptor				
20 x 12.5	0 316 11 0 316 40	0 316 13 0 316 40	0 316 14 0 316 40	0 316 21 0 316 40	0 316 22 0 316 40	0 316 11 0 317 01	0 316 13 0 317 02	0 316 14 0 317 03	0 316 21 0 317 02	0 316 22 0 317 03
32 x 12.5	0 316 11 0 316 41	0 316 13 0 316 41	0 316 14 0 316 41	0 316 21 0 316 41	0 316 22 0 316 41	0 316 11 0 317 01	0 316 13 0 317 02	0 316 14 0 317 03	0 316 21 0 317 02	0 316 22 0 317 03
32 x 16	0 316 11 0 316 41	0 316 13 0 316 41	0 316 14 0 316 41	0 316 21 0 316 41	0 316 22 0 316 41	0 316 11 0 317 04	0 316 13 0 317 05	0 316 14 0 317 06	0 316 21 0 317 05	0 316 22 0 317 06
40 x 20	0 316 11 0 316 47	0 316 13 0 316 47	0 316 14 0 316 47	0 316 21 0 316 47	0 316 22 0 316 47	0 316 11 0 317 07	0 316 13 0 317 08	0 316 14 0 317 09	0 316 21 0 317 08	0 316 22 0 317 09
60 x 20	0 316 11 0 316 45	0 316 13 0 316 45	0 316 14 0 316 45	0 316 21 0 316 45	0 316 22 0 316 45	0 316 11 0 317 07	0 316 13 0 317 08	0 316 14 0 317 09	0 316 21 0 317 08	0 316 22 0 317 09
75 x 20	-	0 316 13 0 316 48	0 316 14 0 316 48	0 316 21 0 316 48	0 316 22 0 316 48	0 316 11 0 317 07	0 316 13 0 317 08	0 316 14 0 317 09	0 316 21 0 317 08	0 316 22 0 317 09

1: Use with Mosaic socket outlet
2: Frame dimensions (2 modules): 127 x 74 x 60 m
3: Frame dimensions (4 modules): 172 x 74 x 60 mm
4: Frame dimensions (6 modules): 217 x 74 x 60 mm
5: Frame dimensions (2x4 modules): 162 x 167 x 60 mm
6: Frame dimensions (2x4 modules): 228 x 74 x 60 mm

BODIES	Special surface-mounting frames for wiring accessories (p. 1044-1046)		Surface-mounting frames for 60 mm fixing centres wiring accessories (p. 1047)		
Size and shape	Installation alongside the mini-trunking		Installation alongside the mini-trunking		
	1 gang for horizontal or vertical	2 gang for horizontal or vertical	1 gang for horizontal or vertical	2 gang for horizontal or vertical	3 gang for horizontal or vertical
20 x 12.5	0 314 04	0 314 14	0 316 94	0 316 95	0 316 96
32 x 12.5	0 314 04	0 314 14	0 316 94	0 316 95	0 316 96
32 x 16	0 314 56	0 314 66	0 316 94	0 316 95	0 316 96
40 x 20	0 314 08	0 314 18	0 316 94	0 316 95	0 316 96
60 x 20	0 314 08	0 314 18	0 316 94	0 316 95	0 316 96
75 x 20	0 314 08	0 314 18	0 316 94	0 316 95	0 316 96

DLPlus mini-trunking 20 x 12.5 and 32 x 12.5

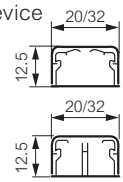
profiles and finishing accessories



Selection chart **p. 1043**
Wiring capacity chart **p. 1048**

Mini-trunking

Pack	Cat.Nos 20 x 12.5	Cat.Nos 32 x 12.5	
			EN 50085-2-1 approved
			Without central partition
			Mini-trunking with cable grip
			Equipped with an integrated device for holding cables in place
120[1] | 80	0 300 08	0 300 15	Length 2.10 m
120[1]	6 489 05		Without adhesive
			With adhesive
			With central partition
120[1] | 80[1]	0 300 07	0 300 14	Length 2.10 m



Finishing accessories

Pack	Cat.Nos 20 x 12.5	Cat.Nos 32 x 12.5	
20	0 312 02	0 312 03	End cap
10	0 302 21	0 302 51	Changeable internal-external angle
10	0 302 23	0 302 53	Changeable flat angle
20	0 336 02	0 336 03	Cover joint
10	0 302 24	0 302 54	Flat T-junction

1: Number of metres in pack

Special frames

Pack	Cat.Nos	
		Supplied with end cap and divider for separation of currents
		Installation alongside the mini-trunking
		For vertical or horizontal mounting of surface-mounting wiring accessories (p. 1049)
10	0 314 04	1 gang
5	0 314 14	2 gang

Adaptors

Pack	Cat.Nos	
		Adaptor for mounting Mosaic frames at end of the mini-trunking
10	0 316 40	For 20 x 12.5 mini-trunking
10	0 316 41	For 32 x 12.5 mini-trunking
		Adaptor for mounting Mosaic frames alongside the mini-trunking
10	0 317 01	For Mosaic frames Cat.No 0 316 11 (p. 1047)
10	0 317 02	For Mosaic frames Cat.Nos 0 316 13 and 0 316 21 (p. 1047)
5	0 317 03	For Mosaic frames Cat.Nos 0 316 14 and 0 316 22 (p. 1047)

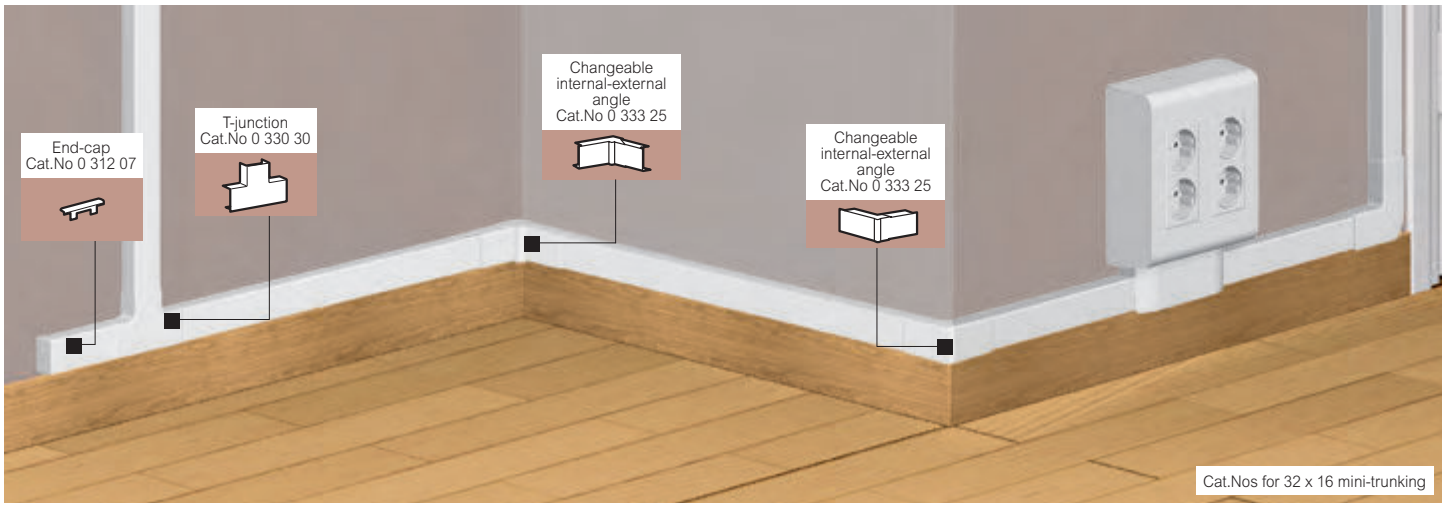
Connection of luminaires **p. 1047**

Other frames for wiring accessories **p. 1047**

Surface-mounting wiring accessories **p. 1049**

DLPlus mini-trunking 32 x 16 and 40 x 20

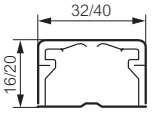
profiles and finishing accessories



Selection chart **p. 1043**
Wiring capacity chart **p. 1048**

Mini-trunking with cable grip

Pack	Cat.Nos 32 x 16	Cat.Nos 40 x 20	
60[1] | 48[1]	0 308 04	0 300 27	EN 50085-2-1 approved Equipped with an integrated device for holding cables in place **Without central partition** Length 2.10 m Without adhesive
60[1]	6 489 06		With adhesive



Finishing accessories

Pack	Cat.Nos 32 x 16	Cat.Nos 40 x 20	
10	0 312 07	0 312 11	End cap
10	0 333 25	0 302 81	Changeable internal-external angle
10	0 333 27	0 302 83	Changeable flat angle
20	0 336 04	0 336 06	Cover joint
10	0 333 30	0 302 08	Flat T-junction

Special frames

Supplied with end cap and divider for separation of currents

Installation alongside the mini-trunking
For vertical or horizontal mounting of surface-mounting wiring accessories (p. 1049)

Pack	Cat.Nos 32 x 16	Cat.Nos 40 x 20	
10	0 314 56	0 314 08	1 gang
5	0 314 66	0 314 18	2 gang

1: Number of metres in pack

Adaptors

Pack	Cat.Nos 32 x 16	Cat.Nos 40 x 20	
10	0 316 41	0 316 47	**Adaptors for mounting Mosaic frames at end of the mini-trunking** For 32 x 16 and 40 x 20 mini-trunking
			Adaptors for mounting Mosaic frames alongside the mini-trunking
10	0 317 04	0 317 07	For Mosaic frames Cat.No 0 316 11 (p. 1047)
5	0 317 05	0 317 08	For Mosaic frames Cat.Nos 0 316 13 and 0 316 21 (p. 1047)
5	0 317 06	0 317 09	For Mosaic frames Cat.Nos 0 316 14 and 0 316 22 (p. 1047)

Connection of luminaires **p. 1047**

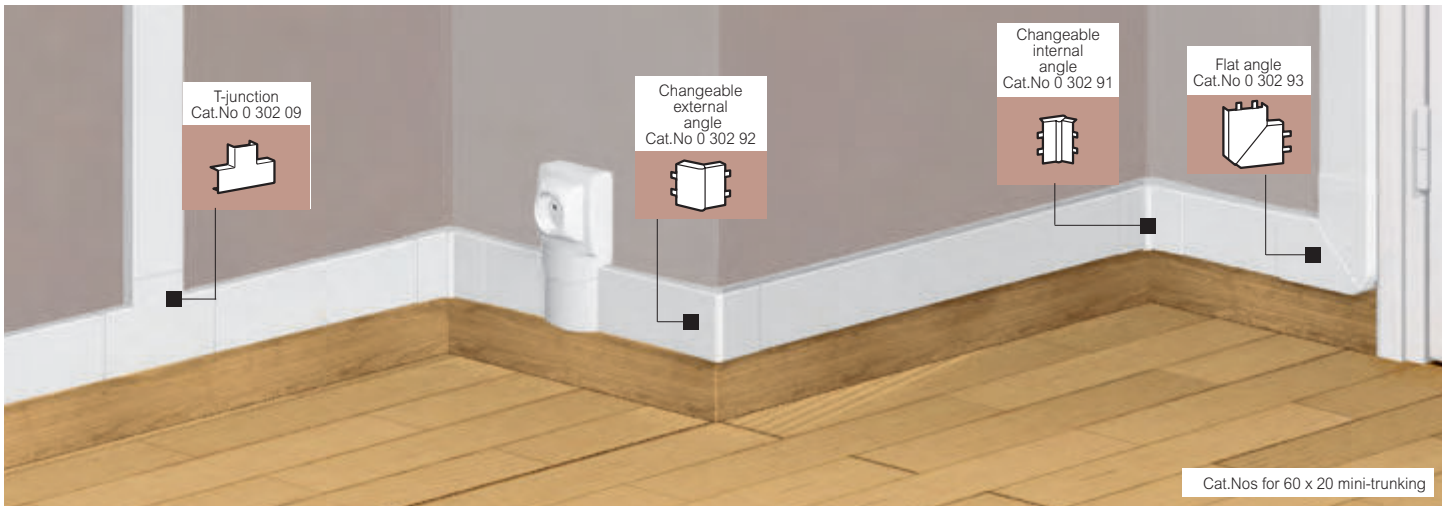
Junction boxes **p. 1047**

Other frames for wiring accessories **p. 1047**

Surface-mounting wiring accessories **p. 1049**

DLPlus mini-trunking 60 x 20 and 75 x 20

profiles and finishing accessories

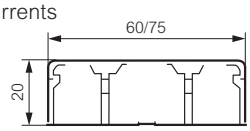


Selection chart **p. 1043**
Wiring capacity chart **p. 1048**

3-compartment mini-trunking

Pack	Cat.Nos 60 x 20	Cat.Nos 75 x 20
32[1] | 20[1]	0 301 14	0 300 33

3 compartments for distribution of high and low currents
Length 2.10 m
White



Finishing accessories

Pack	Cat.Nos 60 x 20	Cat.Nos 75 x 20	
10	0 302 90	0 303 00	End cap
10	0 302 91	0 303 01	Changeable internal angle
10	0 302 92	0 303 02	Changeable external angle
10	0 302 93	0 303 03	Flat angle
20	0 336 08	0 336 09	Cover joint
10	0 302 09	0 302 18	Flat T-junction
1	0 328 05		Junction to floor duct

Special frames

Supplied with end cap and divider for separation of currents

Installation alongside the mini-trunking
For vertical or horizontal mounting of surface-mounting wiring accessories (p. 1049)

Pack	Cat.Nos	
10	0 314 08	1 gang
5	0 314 18	2 gang

1: Number of metres in pack

Adaptors

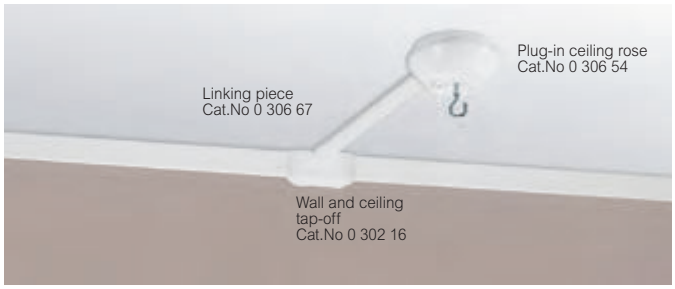
Pack	Cat.Nos	
		Adaptors for mounting Mosaic frames at the end of the mini-trunking
10	0 316 45	For 60 x 20 mini-trunking
10	0 316 48	For 75 x 20 mini-trunking (for 4 and 6 modules only)
		Adaptors for mounting Mosaic frames alongside the mini-trunking
10	0 317 07	For Mosaic frames Cat.No 0 316 11 (p. 1047)
5	0 317 08	For Mosaic frames Cat.Nos 0 316 13 and 0 316 21 (p. 1047)
5	0 317 09	For Mosaic frames Cat.Nos 0 316 14 and 0 316 22 (p. 1047)

Other frames for wiring accessories **(see opposite)**

Surface-mounting wiring accessories **p. 1049**

DLPlus mini-trunking

frames and installation accessories



Pack	Cat.Nos	Mosaic frames
		Supplied with support, plate and divider for separation of currents Vertical or horizontal mounting To be used with 2 module Mosaic sockets
10	0 316 11	2 modules
5	0 316 13	4 modules (for horizontal mounting only)
5	0 316 14	6 modules (for horizontal mounting only)
10	0 316 21	2 x 4 modules
10	0 316 22	3 x 4 modules

Pack	Cat.Nos	Junction boxes
		White
10	0 303 16	75 x 75 x 35 mm
10	0 303 26	110 x 110 x 50 mm
10	0 303 36	150 x 150 x 65 mm

Pack	Cat.Nos	60 mm fixing centres wiring accessories frames
		Installation alongside the mini-trunking Supplied with divider for separation of currents
5	0 316 94	1 gang, for vertical or horizontal mounting
5	0 316 95	2 gang, for horizontal mounting
5	0 316 96	3 gang, for horizontal mounting

Pack	Cat.Nos	Connection of luminaires
10	0 306 54	Plug-in ceiling rose unit supplied complete with connector hook and locking nut Maximum suspended weight: 25 kg as long as unit is equipped with a suitable fixing device
135	0 306 67	Linking piece between the above unit and the ring trunking Length 3 m
10	0 302 16	Wall and ceiling tap-off for 40 x 20 mini-trunking
10	0 302 26	Wall and ceiling tap-off for 60/75 x 20 mini-trunking
10	0 333 17	Wall and ceiling tap-off for 32 x 12.5 mini-trunking
10	0 333 29	Wall and ceiling tap-off for 32 x 16 mini-trunking

Pack	Cat.Nos	Cutting accessory for trunking
1	0 306 98	DLPlus cutting unit For cutting all plastic trunking Avoids vibration when cutting bases and covers Aluminium Dim.: 225 x 142 x 76 mm

Pack	Cat.Nos	Insulation accessory
10	0 304 18	Base joint Adjustable wall insulation joint, supplied in 5 m lengths Provides continuity between the trunking and the wall, in particular in internal angles

Pack	Cat.Nos	Fixing accessories for trunkings
		For fixing all plastic trunkings
		Wall plugs for immediate fixing No screws or nails required
100	0 308 98	For mini-trunking
100	0 308 99	For mini-trunking, skirting trunking and trunking
		Cartridge of Neoprene
12	0 309 49	Adhesive for glue gun
		DLP rapid wall plug
200	0 308 97	For 10 mm min. plasterboard walls at least 20 mm away from the concrete surface For fixing DLP plastic trunking in a single operation Used with a special tool for drill (Ø8 mm), supplied in each pack of 200 wall plugs Tensile resistance: 25 kg

Surface-mounting wiring accessories **p. 1049**

Mosaic wiring accessories **p. 1172 to 1204**

New standard EN 50085-2-1 / IEC 61084-2-1

Standard EN 50085-2-1 concerns electrical trunking systems for installation on walls or on the ceiling
This new system standard proposes a tiered classification which allows performance to be adapted to the target applications
To satisfy the requirements of NF C 15-100, Legrand has conformed to the current specifications of NF C 68-104 in terms of both performance and level of functions provided by the system
To this end, our installation trunking (which carries electrical wiring accessories) is type 3 (installation) in the new standard

Classification for DLPlus mini-trunking

New standard EN 50085-2-1		
6.2	Resistance to impact for installation and application	2.0 J
6.3	Minimum storage and transport temperature	- 25 °C
6.3	Minimum installation and application temperature	- 5 °C
6.3	Maximum application temperature	+ 60 °C
6.4	Resistance to flame propagation	Non-flame propagating
6.5	Electrical continuity characteristic	With electrical continuity characteristic
6.6	Electrical insulating characteristic	Without electrical insulating characteristic
6.7	Degrees of protection provided by enclosure	IP 40
6.9	System access cover retention	With a tool
6.101	Position when surface mounted	Wall fixed Celling fixed
6.102	Functions provided Rated current Protection against mechanical shocks	Type 1 500 V IK 07

Wiring capacity

Conductor type: HO7V-K (Norm NFC 32-201)

Size (mm)	Cat.Nos	Number of compartments	Cross-section (mm²)	Ø max (mm)
20 x 12.5	0 300 08 6 489 05	1	160	10
20 x 12.5	0 300 07	2	70	6.5
			70	6.5
32 x 12.5	0 300 15	1	285	2 x 10
32 x 12.5	0 300 14	1	120	10
			120	10
32 x 16	0 308 04 6 489 06	1	360	13
40 x 20	0 300 27	1	580	17
60 x 20	0 301 14	3	200	12.5
			320	17
			200	12.5
75 x 20	0 300 33	3	290	17
			445	2 x 12
			290	17

Surface-mounting wiring accessories

0 860 01

0 860 31

0 860 40

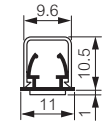
Pack	Cat.Nos	Switches
10	0 860 01	Two-way switch 10 AX - 250 V~
10	0 860 06	Push-button - NO - 6 A - 250 V~
		Socket outlets
10	0 860 31	2P+E socket outlet German standard 16 A - 250 V~ shuttered for child safety
10	0 860 29	2P+E socket outlet German standard 16 A - 250 V~
		TV socket
10	0 860 40	TV single socket - 0 - 2400 MHz

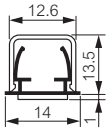
Cable guide with adhesive

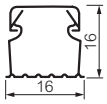
0 300 98

0 300 99

Pack	Cat.Nos	Cable guide with adhesive
		This cable guide is used to rapidly attach a cable to a wall without damaging It is equipped with a double base insulating the nail or the staple from the cable 2 mounting systems are provided: - nail or staple mounting The base is pre-drilled every 10 cm - adhesive foam mounting: foam base equipped with a self-adhesive film (1 mm thick) Length: 2.10 m Supplied with cover Material: PVC
		For cable Ø3 to 6 mm
132[1]	0 300 98	○ White
132[1]	6 010 18	● Black
		For cable Ø7 and 9 mm
90[1]	0 300 99	○ White
90[1]	6 010 17	● Black
		16 x 16 mm
120[1]	6 489 04	○ White







1: Number of metres in pack

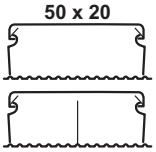
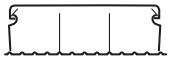
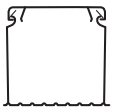
When removing the frame, can be installed in DLPlus mini-trunking systems **p. 1042 to 1047**

DLP-S distribution mini-trunking with adhesive **p. 1050 to 1054**

20 x 12.5 mm and 32 x 16 mm cable guides with adhesive **p. 1044 and 1045**

Red catalogue numbers: New products

DLP-S distribution mini-trunking: profiles and accessories

BODIES	SECTION		FINISHING ACCESSORIES						ADAPTORS
Size and shape	Length 2 m		End cap	Internal angle	External angle	Flat angle	Cover joint	Flat T-junction	For Forix wiring devices
	Wall plugs	With adhesive							
15 x 10	6 381 00	6 381 09	6 381 05	6 381 01	6 381 02	6 381 03	6 381 06	6 381 04	6 381 07
20 x 12	6 381 20	6 381 29	6 381 25	6 381 21	6 381 22	6 381 23	6 381 26	6 381 24	6 381 17
24 x 14	6 381 30	6 381 39	6 381 35	6 381 31	6 381 32	6 381 33	6 381 36	6 381 34	6 381 27
16 x 16	6 381 10	6 381 19	6 381 15	6 381 11	6 381 12	6 381 13	6 381 16	6 381 14	6 381 37
32 x 16	6 381 40	6 381 49	6 381 45	6 381 41	6 381 42	6 381 43	6 381 46	6 381 44	6 381 47
40 x 16	6 381 50	6 381 59	6 381 55	6 381 51	6 381 52	6 381 53	6 381 56	6 381 54	6 381 57
50 x 20 	6 381 60	-	6 381 65	6 381 61	6 381 62	6 381 63	6 381 66	6 381 64	-
	6 381 68	-							
60 x 20 	6 381 70	-	6 381 75	6 381 71	6 381 72	6 381 73	6 381 76	6 381 74	-
40 x 40 	6 381 80	-	6 381 85	6 381 81	6 381 82	6 381 83	6 381 86	6 381 84	-

DLP-S DISTRIBUTION MINI-TRUNKING AND FORIX WIRING ACCESSORIES: A HIGH QUALITY FINISH

Used vertically or horizontally, the special adaptor hides any cutting flaws on the mini-trunking

1

When Forix is installed alongside the mini-trunking, the special adaptor needs to be cut

2

Once the special adaptor is fitted, it will hide the cut on the mini-trunking

TIME-SAVING AND OPTIMISED INSTALLATION

1

Remove the protective strip from the adhesive foam on the back of the mini-trunking

2

Place the mini-trunking in the required position and press it firmly against the wall

3

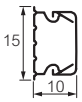
The cover fits onto the profile very easily, with a single click

DLP-S distribution mini-trunking 15 x 10 / 20 x 12 / 24 x 14 and 16 x 16

Distribution 15 x 10 mm

Selection chart **p. 1050**
Technical characteristics **p. 1053**

15 x 10 mm mini-trunking

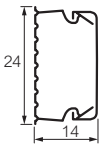


Pack	Cat.Nos	
154[1]	6 381 00	Without central partition Conform to EN 50085-2-1 To be fixed with wall plugs Supplied in 77 lengths of 2 metres
80[1]	6 381 09	With adhesive Supplied in 40 lengths of 2 meters

Finishing accessories for 15 x 10 mm mini-trunking

Pack	Cat.Nos	
10	6 381 05	End cap
10	6 381 01	Internal angle
10	6 381 02	External angle
10	6 381 03	Flat angle
10	6 381 06	Cover joint
10	6 381 04	Flat T-junction

24 x 14 mm mini-trunking

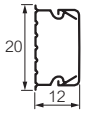


Pack	Cat.Nos	
70[1]	6 381 30	Without central partition Conform to EN 50085-2-1 To be fixed with wall plugs Supplied in 35 lengths of 2 metres
66[1]	6 381 39	With adhesive Supplied in 33 lengths of 2 metres

Finishing accessories for 24 x 14 mm mini-trunking

Pack	Cat.Nos	
10	6 381 35	End cap
10	6 381 31	Internal angle
10	6 381 32	External angle
5	6 381 33	Flat angle
10	6 381 36	Cover joint
5	6 381 34	Flat T-junction

20 x 12 mm mini-trunking

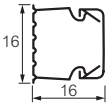


Pack	Cat.Nos	
96[1]	6 381 20	Without central partition Conform to EN 50085-2-1 To be fixed with wall plugs Supplied in 48 lengths of 2 metres
42[1]	6 381 29	With adhesive Supplied in 21 lengths of 2 meters

Finishing accessories for 20 x 12 mm mini-trunking

Pack	Cat.Nos	
10	6 381 25	End cap
10	6 381 21	Internal angle
10	6 381 22	External angle
10	6 381 23	Flat angle
10	6 381 26	Cover joint
10	6 381 24	Flat T-junction

16 x 16 mm mini-trunking



Pack	Cat.Nos	
150[1]	6 381 10	Without central partition Conform to EN 50085-2-1 To be fixed with wall plugs Supplied in 75 lengths of 2 metres
50[1]	6 381 19	With adhesive Supplied in 23 lengths of 2 metres

Finishing accessories for 16 x 16 mm mini-trunking

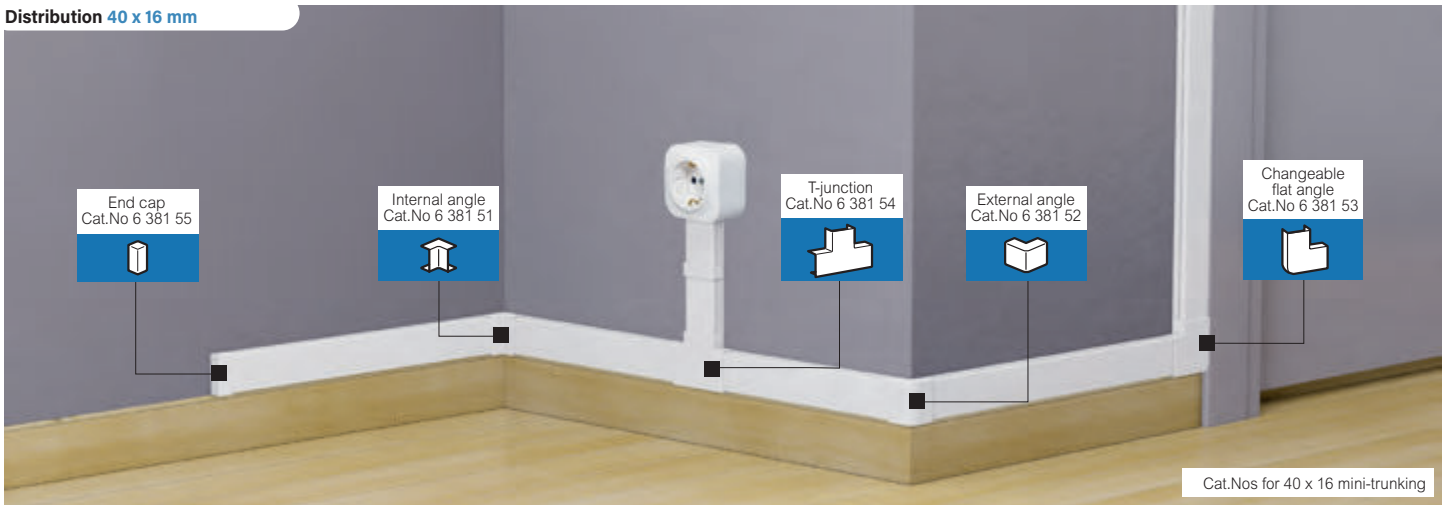
Pack	Cat.Nos	
10	6 381 15	End cap
10	6 381 11	Internal angle
10	6 381 12	External angle
10	6 381 13	Flat angle
10	6 381 16	Cover joint
10	6 381 14	Flat T-junction

1: Number of meters in pack

Adaptors for mounting Forix wiring devices
p. 1052

DLP-S distribution mini-trunking 32 x 16 / 40 x 16 / 50 x 20 / 60 x 20 and 40 x 40

Distribution 40 x 16 mm

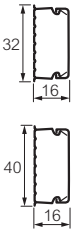


Selection chart **p. 1050**
Technical characteristics **p. 1053**

32 x 16 and 40 x 16 mm mini-trunking

Pack	32 x 16	40 x 16
80[1]	6 381 40	
36[1]	6 381 49	
60[1]		6 381 50
60[1]		6 381 59

Without central partition
Conform to EN 50085-2-1
To be fixed with wall plugs
Supplied in 40 lengths of 2 metres
With adhesive
Supplied in 18 lengths of 2 metres
To be fixed with wall plugs
Supplied in 30 lengths of 2 metres
With adhesive
Supplied in 30 lengths of 2 metres



Finishing accessories for 32 x 16 and 40 x 16 mm mini-trunking

Pack	32 x 16	40 x 16	
10	6 381 45	6 381 55	End cap
10	6 381 41	6 381 51	Internal angle
5 | 10	6 381 42	6 381 52	External angle
10	6 381 43	6 381 53	Flat angle
10	6 381 46	6 381 56	Cover joint
10	6 381 44	6 381 54	Flat T-junction

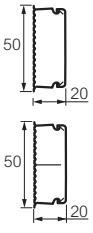
50 x 20 and 60 x 20 mm mini-trunking

Pack	50 x 20	60 x 20
40[1] | 32[1]	6 381 60	6 381 70
40[1]	6 381 68	

Conform to EN 50085-2-1

Without central partition
Length 2 m
Supplied in 20 or 16 length of 2 metres

With central partition
Length 2 m
Supplied in 20 lengths of 2 metres



Finishing accessories for 50 x 20 and 60 x 20 mm mini-trunking

Pack	50 x 20	60 x 20	
5 | 5	6 381 65	6 381 75	End cap
10	6 381 61	6 381 71	Internal angle
10 | 5	6 381 62	6 381 72	External angle
10 | 5	6 381 63	6 381 73	Flat angle
10 | 5	6 381 66	6 381 76	Cover joint
5 | 5	6 381 64	6 381 74	Flat T-junction

40 x 40 mm mini-trunking

Pack	Cat.Nos
24[1]	6 381 80

Length 2 m
Supplied in 12 lengths of 2 metres
Conform to EN 50085-2-1
Without central partition

Finishing accessories for 40 x 40 mm mini-trunking

Pack	Cat.Nos	
10	6 381 85	End cap
5	6 381 81	Internal angle
5	6 381 82	External angle
5	6 381 83	Flat angle
10	6 381 86	Cover joint
5	6 381 84	Flat T-junction

Adaptors for mounting Forix wiring devices on the mini-trunking

Pack	Cat.Nos	
10	6 381 07	For 15 x 10 mm mini-trunking
10	6 381 17	For 20 x 12 mm mini-trunking
10	6 381 27	For 24 x 14 mm mini-trunking
10	6 381 37	For 16 x 16 mm mini-trunking
10	6 381 47	For 32 x 16 mm mini-trunking
10	6 381 57	For 40 x 16 mm mini-trunking

1: Number of meters in pack

Forix surface-mounting wiring devices **p. 782**

DLP-S distribution mini-trunking

wiring capacity chart and installation

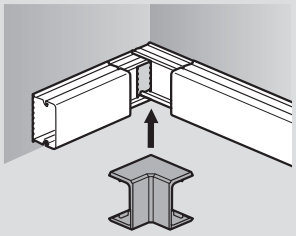
Classification of mini-trunking according to EN 50085-2-1 / IEC 61084-2-1

6.2 Resistance to impact for installation and application	1 J
6.3 Minimum storage and transport temperature	- 25 °C
6.3 Minimum installation and application temperature	+ 15 °C
6.3 Maximum application temperature	+ 60 °C
6.4 Resistance to flame propagation	Non-flame propagating
6.5 Electrical continuity characteristic	Without electrical continuity characteristic
6.6 Electrical insulating characteristic	With electrical insulating characteristic
6.7 Degrees of protection provided by enclosure	IP40
6.9 The system access cover retention	With a tool
6.101 The position when surface mounted	Wall fixed Celling fixed
6.102 The functions provided	Type 1
Rated current	500 V
Protection against mechanical shocks	IK 06

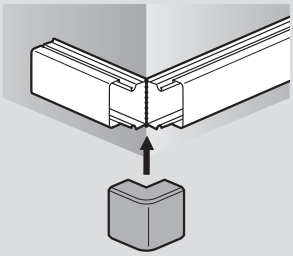
Wiring capacity

Number of compartments	Size	Section max. (mm²)	Number of conductors					
			1.5 mm²	2.5 mm²	4 mm²	6 mm²	UTP/FTP Cat. 6	∅ max.
1	15 x 10	79	4	3	3	2	1	8
	16 x 16	176	10	7	6	5	3	10.5
	20 x 12	164	9	7	6	4	3	10
	24 x 14	249	15	11	9	7	4	12
	32 x 16	395	23	17	15	11	7	14
	40 x 16	510	30	22	20	14	10	14
	40 x 40	1337	81	60	52	38	26	37

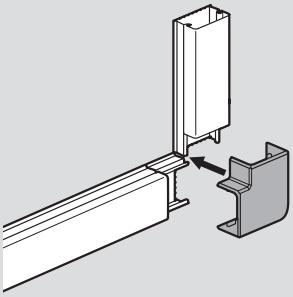
Internal angle



External angle

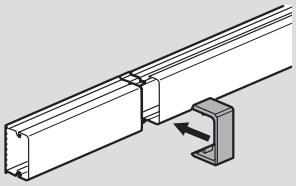


Flat angle

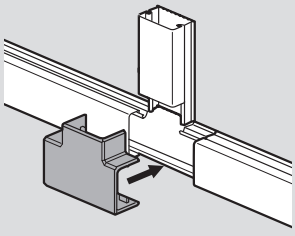


Clip-on the cover of the flat angle
Take care of having a minimum distance between the trunking and the adjacent wall, in order to allow the installation of the angle

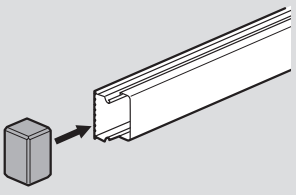
Body joint



Flat junction



End cap



Flexible cover snap-on DLP trunking

routing sections and accessories

Number of compartments	Cover width (mm)	Cross-section (mm)	TRUNKING: Monobloc: body + cover[1]	Extra cover	Extra partition (divider)	Fishplate body joint	ACCESSORIES: Stick-on body joint	Cover joint	End cap	ANGLES: Internal angles[2]	External angles	Flat angles	JUNCTIONS & ADAPTOR: Flat junctions with width 80 mm	Flat junctions with width 105 mm	Angled junctions 85/105/130 mm	Junction with floor duct 50 x 12/ 92 x 20	Adaptor for modular wiring accessories
FLEXIBLE COVER SNAP-ON TRUNKING - 45 mm cover																	
	45	50 x 80	● 0 757 50 2 m	0 757 79	0 756 09	-	0 757 80	0 757 85	0 757 55	0 757 60	0 757 65	0 757 70		0 757 75	-	-	-	-
			○ 0 756 01 2 m	0 756 08	0 756 09	0 756 61	0 756 66	0 756 69	0 756 11	0 756 21	0 756 31	0 756 41		0 756 71	-	0 756 81 + 0 756 21	0 756 88	0 310 69
			○ 0 110 20 2.5 m	0 756 08	0 756 09	0 756 61	0 756 66	0 756 69	0 756 11	0 756 21	0 756 31	0 756 41		0 756 71	-	0 756 81 + 0 756 21	0 756 88	0 310 69
			Antimicrobial ○ 0 757 00 2 m	0 757 29	0 756 09	-	0 757 30	0 757 35	0 757 05	0 757 10	0 757 15	0 757 20		0 757 25	-	-	-	-
			● 0 758 00 2 m	0 758 29	0 756 09	0 758 30	0 758 33	0 758 35	0 758 05	0 758 10	0 758 15	0 758 20		0 758 25	-	-	-	-
	45	50 x 105	0 756 02	0 756 08	0 756 09	0 756 62	0 756 67	0 756 69	0 756 12	0 756 22	0 756 32	0 756 42		0 756 72	0 756 76	0 756 81 + 0 756 22	0 756 88	0 310 69
	45 45	50 x 130	● 0 757 52 2 m	0 757 79	-	-	0 757 80	2 x 0 757 85	0 757 57	0 757 62	0 757 67	0 757 72		0 757 75	-	-	-	-
			○ 0 756 03 2 m	0 756 08	-	0 756 61	0 756 66	2 x 0 756 69	0 756 13	0 756 23	0 756 33	0 756 43		0 756 71	0 756 75	0 756 81 + 0 756 23	0 756 88	0 310 69
			○ 0 110 22 2.5 m	0 756 08	-	0 756 61	0 756 66	2 x 0 756 69	0 756 13	0 756 23	0 756 33	0 756 43		0 756 71	0 756 75	0 756 81 + 0 756 23	0 756 88	0 310 69
			Antimicrobial ○ 0 757 02 2 m	0 757 29	-	-	0 757 30	2 x 0 757 35	0 757 07	0 757 12	0 757 17	0 757 22		0 757 25	-	-	-	-
			● 0 758 02 2 m	0 758 29	-	0 758 30	0 758 33	2 x 0 758 35	0 758 07	0 758 12	0 758 17	0 758 22		0 758 25	-	-	-	-
	45 45	50 x 145	0 756 04 2 m	0 756 08	-	0 756 63	① 0 756 66 + ② 0 756 67	2 x 0 756 69	0 756 14	0 756 24	0 756 34	0 756 44		① 0 756 71 + ② 0 756 72	① 0 756 75 + ② 0 756 76	0 756 81 + 0 756 24	0 756 88	0 310 69
	45 45 45	50 x 180	○ 0 756 06 2 m	0 756 08	-	0 756 61	0 756 66	3 x 0 756 69	0 756 16	0 756 26	0 756 36	0 756 46		0 756 71	0 756 75	0 756 81 + 0 756 26	0 756 88	0 310 69
			○ 0 110 24 2.5 m	0 756 08	-	0 756 61	0 756 66	3 x 0 756 69	0 756 16	0 756 26	0 756 36	0 756 46		0 756 71	0 756 75	0 756 81 + 0 756 26	0 756 88	0 310 69
			Antimicrobial ○ 0 757 04 2 m	0 757 29	-	-	0 757 30	3 x 0 757 35	0 757 09	0 757 14	0 757 19	0 757 24		0 757 25	-	-	-	-
			● 0 758 04 2 m	0 758 29	-	0 758 30	0 758 33	3 x 0 758 35	0 758 09	0 758 14	0 758 19	0 758 24		0 758 25	-	-	-	-

1: Partition(s) integral to the body
2: Internal and external corner angles supplied with multi-compartment partition joint

Mechanisms for flexible cover snap-on DLP trunking

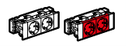
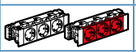
Mounting functions

The Soluclip accessory is very easy to install with any Mosaic or Arteor function and offers the following features:
- Anti-slip
- Anti-pullout
- IP 4X
- Perfect cover finish

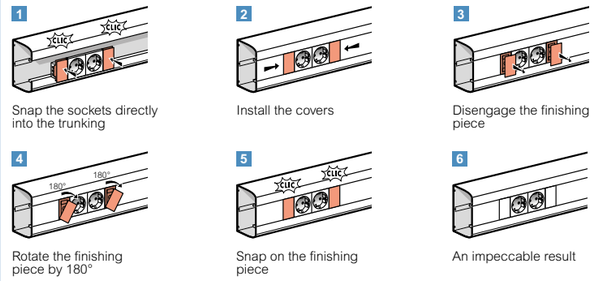
○ 0 756 90
○ 0 757 36 (Antimicrobial)
● 0 757 86
● 0 758 36

Sockets for flexible cover snap-on trunking

Sockets for snap-on trunking have been specially designed to meet the requirements for installation and use in total compliance with the new standard EN 50085-2-1. The sockets are fitted with the Soluclip accessory which has the following features:
- Anti-slip
- Anti-pullout
- IP 4X
- Perfect finish

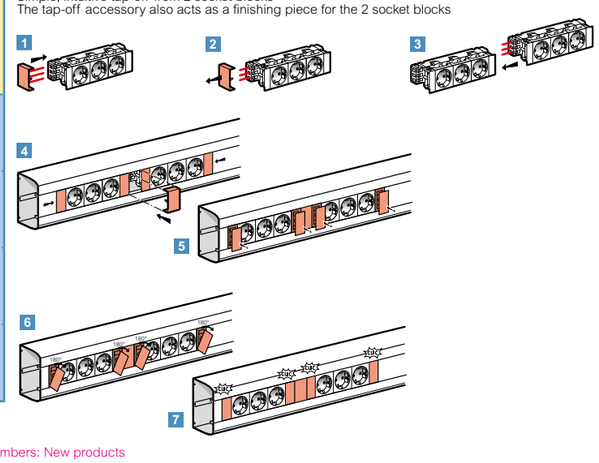
		Standard	Tamperproof	Red	Matt Black
2 x 2P+E		0 772 02	0 772 22	0 772 42	0 772 32L
3 x 2P+E		0 772 03	-	0 772 43	0 772 33L
2 x RJ 45 Cat. 6 - FTP		0 765 46			-
2 x RJ 45 Cat. 5e - FTP		0 765 42			-
1 x RJ 45 Cat. 6 - UTP		-	-	-	0 794 61L
1 x RJ 45 Cat. 6 - FTP		-	-	-	0 791 65L
1 x RJ 45 Cat. 6 - STP		-	-	-	0 791 76L

Installation principle for sockets for flexible cover snap-on trunking



Operating principle for the tap-off accessory

Simple, intuitive tap-off from 2 socket blocks
The tap-off accessory also acts as a finishing piece for the 2 socket blocks



Red catalogue numbers: New products

FLEXIBLE COVER SNAP-ON DLP TRUNKING

DLP black edition

Modern design and time saving thanks to the flexible cover snap-on trunking system.

Main benefits

- Black colour for a modern style
- Quick and easy installation thanks to flexible cover and finishing accessories
- Can be equipped with power and data sockets for snap-on trunking
- Black edition snap-on trunking See p. 1057

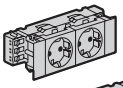
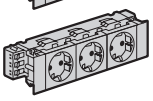
- 2 sizes supplied complete: body + cover + dividers

- Sockets with Soluclip accessory guaranteed anti-pullout

Sockets for flexible cover snap-on DLP trunking black edition 50 x 80 and 50 x 130

0 772 32L

0 772 33L

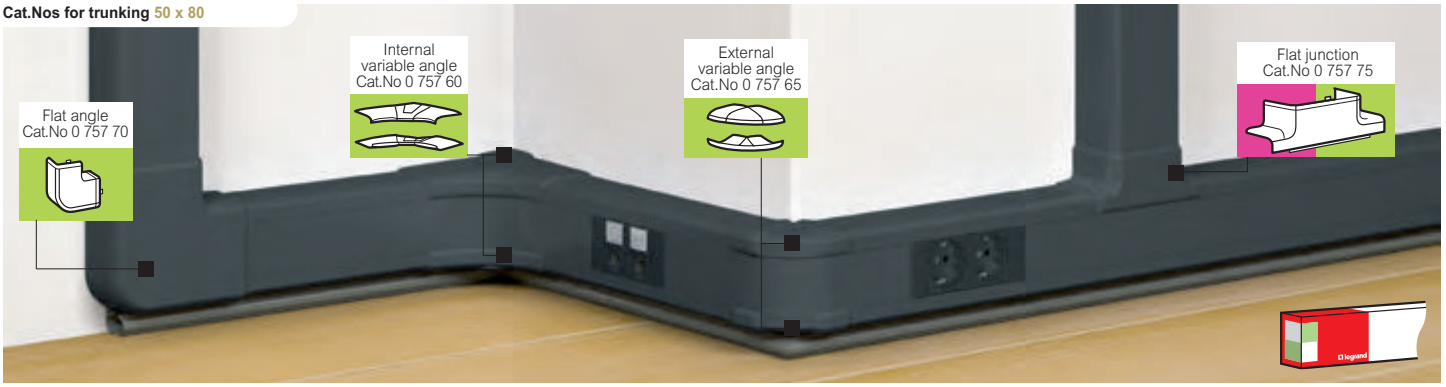
Pack	Cat.Nos	
		German standard socket outlets for flexible cover snap-on black edition DLP trunking Sockets with connection at both sides for snap-on mounting on trunking with 45 mm cover Particularly suitable for installation on snap-on trunking (see opposite) The socket incorporates the Soluclip accessory to hold the socket in place and comply with the standard Connected with automatic terminals
	Matt Black	**German standard**
10	0 772 32L	2 x 2 P+E 
10	0 772 33L	3 x 2 P+E 
	Matt Black	**RJ 45 data sockets for flexible cover snap-on black edition DLP trunking**
		Cat.6 UTP
10	0 794 61L	1 module
		Cat.6 FTP
10	0 791 65L	2 modules
		Cat.6 STP
10	0 791 76L	2 modules
	Matt Black	**Soluclip accessory**
10	0 757 86	For installation with any Mosaic or Arteor function

Cable grip **p. 1076**

Red catalogue numbers: New products

Flexible cover snap-on DLP trunking black edition – 45 mm cover 50 x 80 and 50 x 130

Cat.Nos for trunking 50 x 80



Cat.Nos for trunking 50 x 130

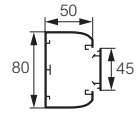
Selection chart **p. 1054-1055**
Wiring capacity chart **p. 1066-1067**

Pack	Cat.Nos 50 x 80	Cat.Nos 50 x 130
20[1]	0 757 50	
12[1]		0 757 52

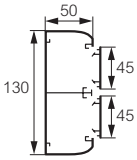
Flexible cover snap-on trunking "Black edition"

Can take any Mosaic or Arteor wiring accessory
Length: 2 m

50 x 80 snap-on trunking
1-compartment trunking
Includes: 1 body, 1 cover width 45



50 x 130 snap-on trunking
2-compartment trunking
Includes: 1 body with 2 compartments, 2 covers width 45



Pack	Cat.Nos 50 x 80	Cat.Nos 50 x 130
10 | 5	0 757 60	0 757 62
10 | 5	0 757 65	0 757 67
10 | 5	0 757 70	0 757 72

Angles for flexible cover snap-on trunking "Black edition"

Internal angle, varies from 80° to 100°

External angle, varies from 85° to 120°

Flat angle at 90°

Pack	Cat.Nos 50 x 80	Cat.Nos 50 x 130
10 | 5	0 757 55	0 757 57

End cap for flexible cover snap-on trunking "Black edition"

Left or right end cap

Pack	Cat.Nos Black	
5	0 757 75	

Flat junctions

With 80 and 130 mm wide sections
Creates a junction with snap-on trunking 50 x 80 mm

Pack	Cat.Nos Black	
20[1]	0 757 79	

Extra cover

Width 45 mm
Length 2 m

Pack	Cat.Nos White	
26[1]	0 756 09	

Extra partition

Divider
Length 2 m

Pack	Cat.Nos Black	
20	0 757 80	

Joint

Stick-on body joint

Pack	Cat.Nos Black	
10	0 757 85	

Cover joint

Width 45 mm

1: Number of meters in pack

Grey DLP trunking **p. 1062-1063**

FLEXIBLE COVER SNAP-ON DLP TRUNKING

Quick & simplified installation

Save time with the installation thanks to the flexible cover snap-on trunking system.

Main benefits

- Quick and easy installation thanks to flexible cover and finishing accessories
- Can be equipped with power and data sockets for snap-on trunking
- Up to 3 compartments to be equipped with Mosaic or Arteor wiring accessories

- 5 sizes supplied complete: body + cover + dividers

- Sockets with Soluclip accessory guaranteed anti-pullout

Sockets for flexible cover snap-on DLP trunking

0 772 02

0 756 90

Pack	White	Tamperproof	
			Sockets for flexible cover snap-on trunking Sockets with connection at both sides for snap-on mounting on trunking with 45 mm cover. Particularly suitable for installation on snap-on trunking (p. 1059 to 1061) The sockets incorporate the Soluclip accessory to hold the socket in place and comply with the standard Connected with automatic terminals
			Standard and tamperproof sockets German Standard
10	0 772 02	0 772 22	2 x 2P+E
10	0 772 03	-	3 x 2P+E
			Red sockets German Standard Sockets with red finish for identification of dedicated circuits
10	Red 0 772 42		2 X 2P+E at an angle of 45°
10	0 772 43		3 X 2P+E at an angle of 45°
			Cat. 6 FTP - RJ 45 sockets
5	White 0 765 46		FTP - 9-pin, 2 RJ 45, equipped with the Soluclip accessory 3-gang
			Cat. 5e FTP - RJ 45 sockets
5	0 765 42		FTP - 9-pin, 2 RJ 45, equipped with the Soluclip accessory 3-gang
			Soluclip accessory
10	White 0 756 90		For installation with any snap-on function Offers features such as anti-slip, anti-pullout, perfect cover finish, IP 40

Other sockets for installation on DLP trunking **p. 1076**

Cable grip **p. 1076**

Flexible cover snap-on DLP trunking - 45 mm cover 50 x 80 and 50 x 105

routing sections and accessories

Cat.Nos for trunking 50 x 80

Cat.Nos for trunking 50 x 105

Selection chart **p. 1054-1055**
Wiring capacity chart **p. 1066-1067**

Pack	Cat.Nos	
		Flexible cover snap-on trunking
		1-compartment trunking Snap-on trunking Can take any Mosaic or Arteor wiring accessory Includes: - 1 body - 1 cover, width 45 mm
	50 x 80 / 50 x 105	
20[1] | 12[1]	0 756 01 / 0 756 02	Length 2 m
10[1]	0 110 20	Length 2.5 m
20[1]	0 756 08	**Extra cover** Width 45 mm Length 2 m
26[1]	0 756 09	**Extra partition** Divider Length 2 m
	50 x 80 / 50 x 105	
10	0 756 61 / 0 756 62	**Fishplate body joint** Used to join 2 bodies and simplifies fixing sections to the wall - set of 2
20	0 756 66 | 0 756 67	**Joint** Stick-on body joint
10	0 756 69	**Cover joint** Cover joint, width 45 mm
24[1]	0 105 80	**Height spacer** Length 2 m, colour charcoal grey For fitting 15 mm from the ground
10	0 756 90	**Soluclip accessory** For installation with any Mosaic or Arteor function

Pack	Cat.Nos	
		Angles
	50 x 80 / 50 x 105	
10	0 756 21 / 0 756 22	Internal angle, varies from 80° to 100°
10	0 756 31 / 0 756 32	External angle, varies from 85° to 120°
10	0 756 41 / 0 756 42	Flat angle at 90°
		End caps
10	50 x 80 / 50 x 105 0 756 11 / 0 756 12	Left or right end cap
		Flat junctions
		With 80 mm wide sections
5	50 x 80 / 50 x 105 0 756 71 / 0 756 72	Creates a junction with snap-on trunking 50 x 80 mm
		With 105 mm wide sections
5	50 x 105 0 756 76	Creates a junction with snap-on trunking 50 x 105 mm
		Angled junction
5	0 756 81	Creates a junction in an internal angle with snap-on trunking 50 x 80 mm, 50 x 105 mm, 50 x 130 mm Must be used in conjunction with internal angle
		Junction with floor duct
5	0 756 88	Creates a junction with a floor duct size 50 x 12 mm or 92 x 20 mm

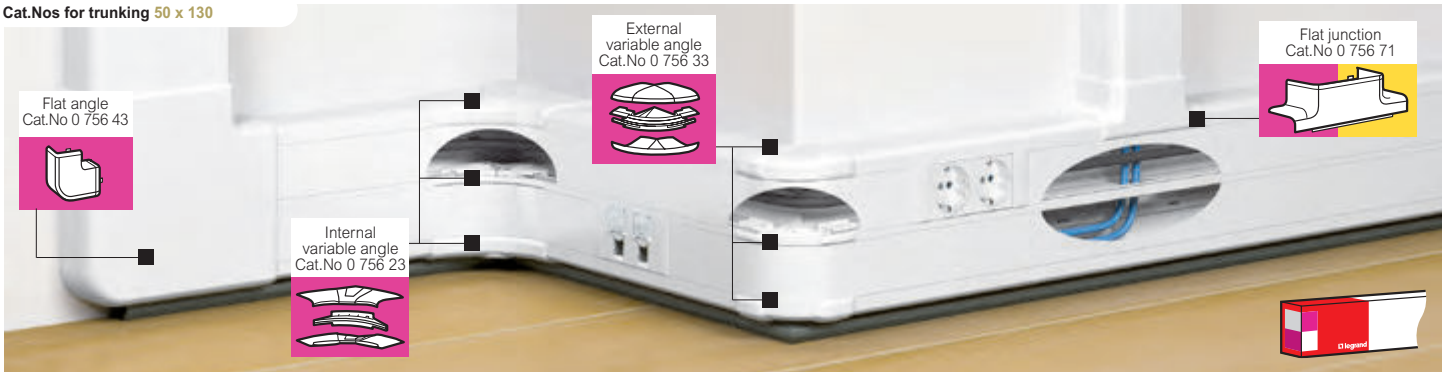
1: Number of metres in pack

Antimicrobial snap-on trunking **p. 1064-1065**

Flexible cover snap-on DLP trunking - 45 mm cover 50 x 130 and 50 x 145

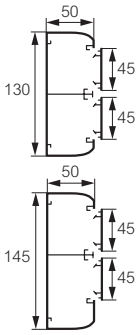
routing sections and accessories

Cat.Nos for trunking 50 x 130



Cat.Nos for trunking 50 x 145

Selection chart **p. 1054-1055**
Wiring capacity chart **p. 1066-1067**

Pack	Cat.Nos	
		Flexible cover snap-on trunking
		2-compartment trunking Snap-on trunking Can take any Mosaic or Arteor wiring accessory Includes: - 1 body with 2 compartments - 2 covers, width 45 mm
		
	50 x 130 / 50 x 145	
12[1] | 8[1]	0 756 03 / 0 756 04	Length 2 m
5[1]	0 110 22	Length 2.5 m
		Extra cover
20[1]	0 756 08	Width 45 mm Length 2 m
	50 x 130 / 50 x 145	**Fishplate body joint**
10	0 756 61 / 0 756 63	Used to join 2 bodies and simplifies fixing sections to the wall - set of 2
		Stick-on body joint
20	0 756 66	For top part of body
20	50 x 145: 0 756 67	For bottom part of body
		Cover joint
10	0 756 69	Cover joint, width 45 mm
		Height spacer
24[1]	0 105 80	Length 2 m, colour charcoal grey For fitting 15 mm from the ground
		Soluclip accessory
10	0 756 90	For installation with any Mosaic or Arteor function

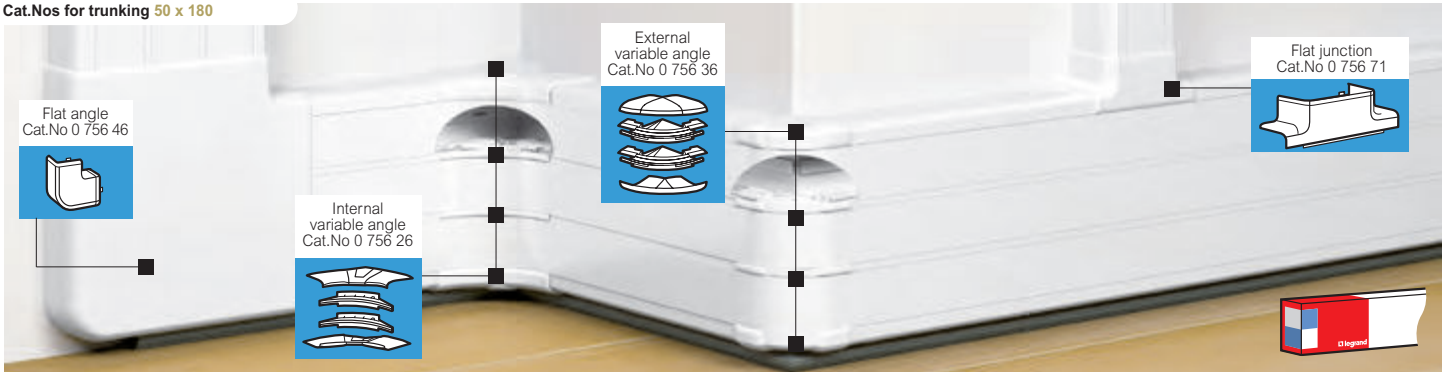
Pack	Cat.Nos	
		Angles
5	50 x 130: 0 756 23 / 50 x 145: 0 756 24	Internal angle, varies from 80° to 100°
5	0 756 33 / 0 756 34	External angle, varies from 85° to 120°
5	0 756 43 / 0 756 44	Flat angle at 90°
		End caps
5	50 x 130: 0 756 13 / 50 x 145: 0 756 14	Left or right end cap
		Flat junctions
		For 80 mm wide downward trunking
5	50 x 130: 0 756 71 / 50 x 145: 0 756 72	Creates a junction with snap-on trunking 50 x 80 mm
		For 80 mm wide upward trunking
5	0 756 71	Creates a junction with snap-on trunking 50 x 80 mm
		For 105 mm wide downward trunking
5	0 756 75 / 0 756 76	Creates a junction with snap-on trunking 50 x 105 mm
		For 105 mm wide upward trunking
5	0 756 75	Creates a junction with snap-on trunking 50 x 105 mm
		Angled junction
5	0 756 81	Creates a junction in an internal angle with snap-on trunking 50 x 80 mm, 50 x 105 mm, 50 x 130 mm Must be used in conjunction with internal angle
		Junction with floor duct
5	0 756 88	Creates a junction with a floor duct size 50 x 12 mm or 92 x 20 mm

1: Number of metres in pack

Flexible cover snap-on DLP trunking 45 mm cover 50 x 180

routing sections and accessories

Cat.Nos for trunking 50 x 180

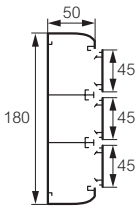


Example of installation:
One current type per compartment

Example of installation:
Wiring accessories in central compartment and distribution in side compartments

Selection chart **p. 1054-1055**
Wiring capacity chart **p. 1066-1067**

Pack	Cat.Nos	Flexible cover snap-on trunking
		3-compartment trunking Snap-on trunking Can take any Mosaic or Arteor wiring accessory Includes: - 1 body with 3 compartments - 3 flexible covers, width 45 mm
	50 x 180	
8[1]	0 756 06	Length 2 m
5[1]	0 110 24	Length 2.5 m
20[1]	0 756 08	**Extra cover** Width 45 mm Length 2 m
10	0 756 61	**Fishplate body joint** Used to join 2 bodies and simplifies fixing sections to the wall - set of 2
20	0 756 66	**Stick-on body joints** For top part of body
10[1]	0 756 69	**Cover joint** Cover joint, width 45 mm
24	0 105 80	**Height spacer** Length 2 m, colour charcoal grey For fitting 15 mm from the ground
10	0 756 90	**Soluclip accessory** For installation with any Mosaic or Arteor function



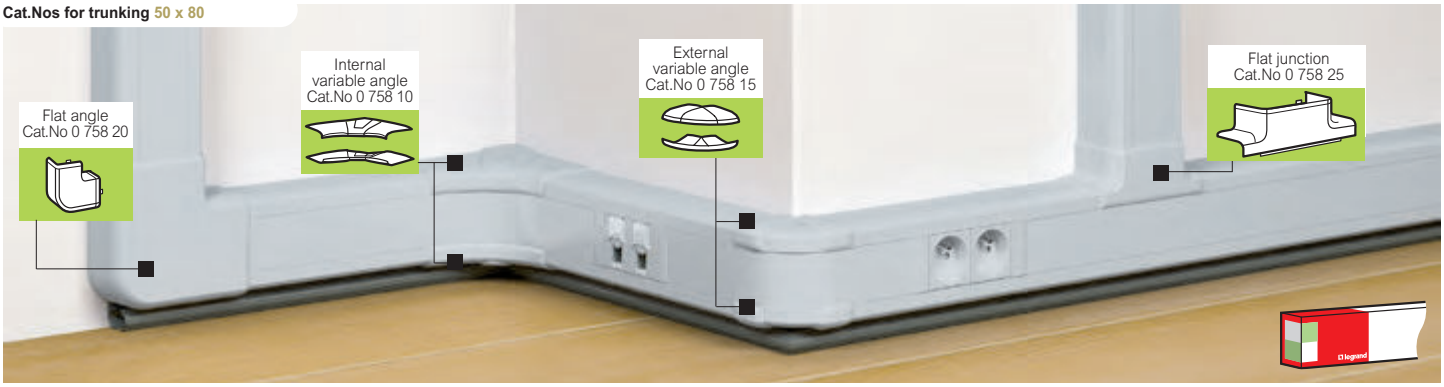
Pack	Cat.Nos	Angles
	50 x 180	
5	0 756 26	Internal angle, varies from 80° to 100°
5	0 756 36	External angle, varies from 85° to 120°
5	0 756 46	Flat angle at 90°
5	0 756 16	**End cap** Left or right end cap
5	0 756 71	**Flat junctions** **With 80 mm wide sections** Creates a junction with snap-on trunking 50 x 80 mm
5	0 756 75	**With 105 mm wide sections** Creates a junction with snap-on trunking 50 x 105 mm
5	0 756 81	**Angled junction** Creates a junction in an internal angle with snap-on trunking 50 x 80 mm, 50 x 105 mm, 50 x 130 mm Must be used in conjunction with internal angle
5	0 756 88	**Junction with floor duct** Creates a junction with a floor duct size 50 x 12 mm or 92 x 20 mm

1: Number of metres in pack

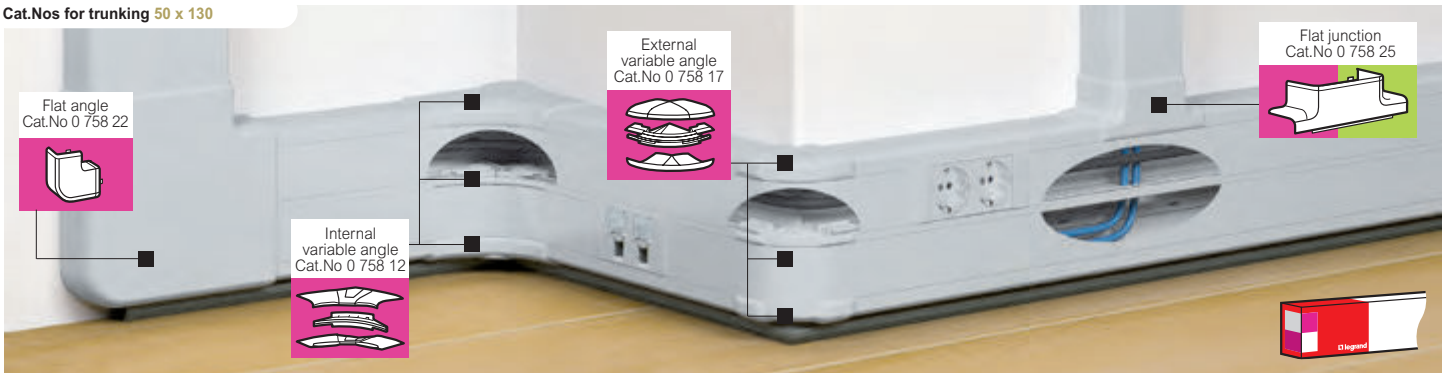
Antimicrobial snap-on trunking **p. 1064-1065**

Flexible cover snap-on DLP trunking, grey - 45 mm cover 50 x 80 and 50 x 130

Cat.Nos for trunking 50 x 80



Cat.Nos for trunking 50 x 130



Selection chart **p. 1054-1055**
Technical characteristics **p. 1066-1067**

Pack	Cat.Nos	
		Flexible cover snap-on trunking 50 x 80 and 50 x 130
20[1]	50 x 80 0 758 00	**1-compartment snap-on trunking** Can take any Mosaic or Arteor wiring accessory Includes: - 1 body - 1 cover, width 45 mm Length 2 m
12[1]	50 x 130 0 758 02	**2-compartment snap-on trunking** Can take any Mosaic or Arteor wiring accessory Includes: - 1 body with 2 compartments - 2 covers, width 45 mm Length 2 m
20[1]	0 758 29	**Extra cover** Width 45 mm Length 2 m
26[1]	50 x 80 0 756 09	**Extra partition** Divider for 50 x 80 trunking Length 2 m
10	0 758 30	**Fishplate body joint** Used to join 2 bodies and simplifies fixing sections to the wall - set of 2
20	0 758 33	**Joint** Stick-on body joint
10	0 758 35	**Cover joint** Cover joint, width 45 mm

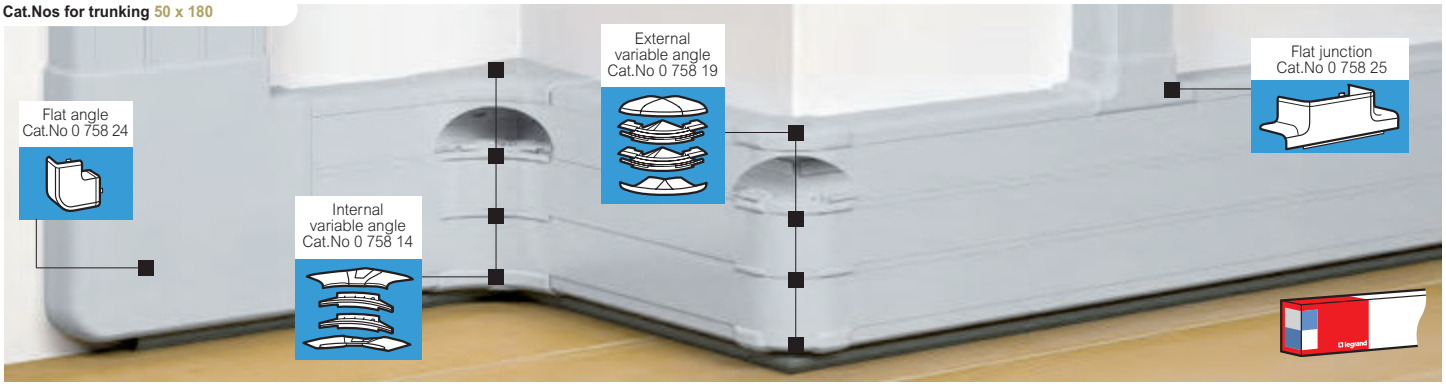
1: Number of metres in pack

Pack	Cat.Nos		
	50 x 80	50 x 130	**Angles**
10 I 5	0 758 10	0 758 12	Internal angle, varies from 80° to 120°
10 I 5	0 758 15	0 758 17	External angle, varies from 80° to 120°
10 I 5	0 758 20	0 758 22	Flat angle at 90°
	50 x 80	50 x 130	**End caps**
10 I 5	0 758 05	0 758 07	Left or right end cap
5	0 758 25		**Flat junction** Creates a junction with trunking 50 x 80 mm
10	0 758 36		**Soluclip accessory** For installation with any Mosaic or Arteor function

Sockets for snap-on DLP trunking, **p. 1058**

Flexible cover snap-on DLP trunking, grey - 45 mm cover 50 x 180

Cat.Nos for trunking 50 x 180



Selection chart **p. 1054-1055**
Technical characteristics **p. 1066-1067**

Flexible cover snap-on trunking

Pack	Cat.Nos	
	50 x 180	
8[1]	0 758 04	**3-compartment snap-on trunking** Can take any Mosaic or Arteor wiring accessory Includes: - 1 body with 3 compartments - 3 covers, width 45 mm Length 2 m
20[1]	0 758 29	**Extra cover** Width 45 mm Length 2 m
10	0 758 30	**Fishplate body joint** Used to join 2 bodies and simplifies fixing sections to the wall - set of 2
20	0 758 33	**Joint** Stick-on body joint
10	0 758 35	**Cover joint** Cover joint, width 45 mm

1: Number of metres in pack

Angles

Pack	Cat.Nos	
	50 x 180	
5	0 758 14	Internal angle, varies from 80° to 120°
5	0 758 19	External angle, varies from 80° to 120°
5	0 758 24	Flat angle at 90°

End caps

Pack	Cat.Nos	
5	0 758 09	Left or right end cap

Flat junction

Pack	Cat.Nos	
5	0 758 25	Creates a junction with trunking 50 x 80 mm

Soluclip accessory

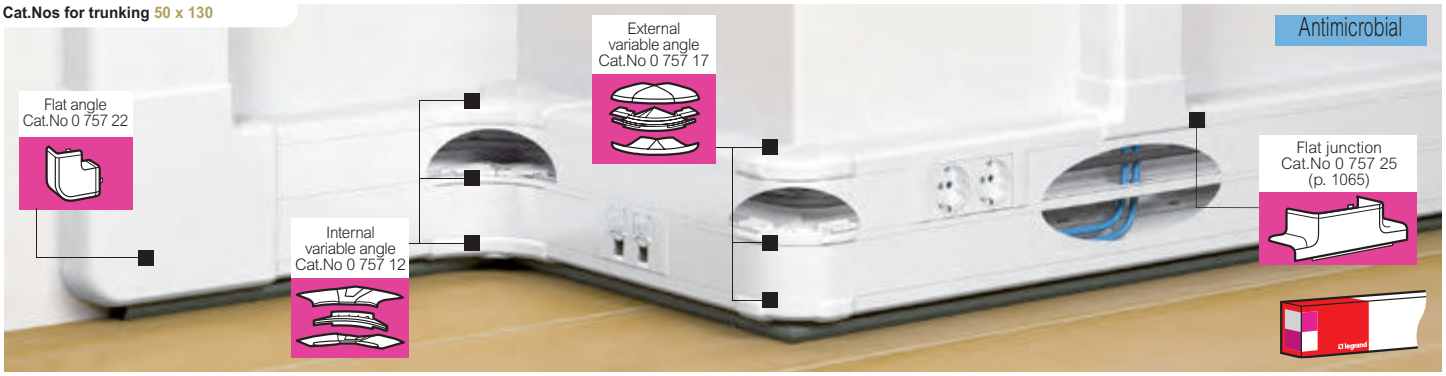
Pack	Cat.Nos	
10	0 758 36	For installation with any Mosaic or Arteor function

Sockets for snap-on DLP trunking, **p. 1058**

Antimicrobial flexible cover snap-on DLP trunking 50 x 80 and 50 x 130

Cat.Nos for trunking 50 x 80

Cat.Nos for trunking 50 x 130

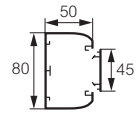


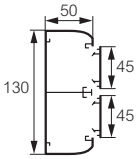
Technical characteristics **p. 1066-1067**

The product contains a silver compound to prevent the growth of bacteria on the surface of the trunking
Particularly suitable for healthcare establishments, laboratories, food and beverage industry

Flexible cover snap-on trunking

Pack	Cat.Nos	
20[1]	50 x 80 0 757 00	**1-compartment trunking** Can take any antimicrobial Mosaic wiring accessory Includes: - 1 body - 1 cover, width 45 mm Length: 2 m
12[1]	50 x 130 0 757 02	**2-compartment trunking** Can take any Mosaic or Arteor wiring accessory Includes: - 1 body with 2 compartments - 2 covers, width 45 mm Length: 2 m





Angles

Pack	Cat.Nos		
	50 x 80	50 x 130	
10 I 5	0 757 10	0 757 12	Internal angle, varies from 80° to 100°
10 I 5	0 757 15	0 757 17	External angle, varies from 85° to 120°
10 I 5	0 757 20	0 757 22	Flat angle at 90°

End caps

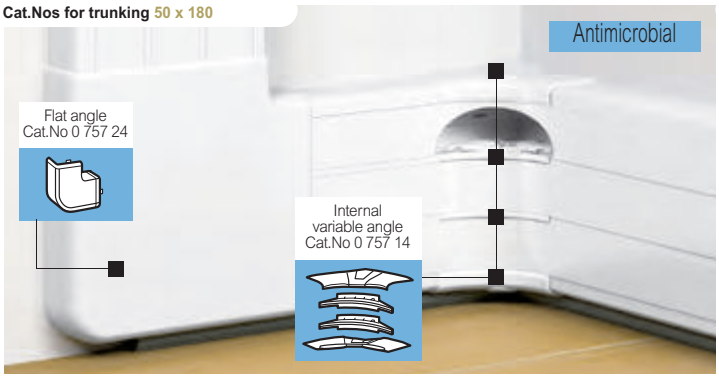
Pack	Cat.Nos		
	50 x 80	50 x 130	
10 I 5	0 757 05	0 757 07	Left or right end cap

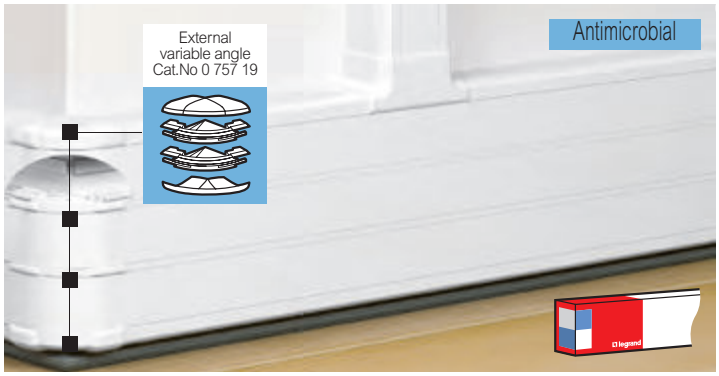
1: Number of metres in pack

Mosaic™ mechanisms with antimicrobial treatement, **p. 1205**

Antimicrobial flexible cover snap-on DLP trunking 50 x 180

Cat.Nos for trunking 50 x 180

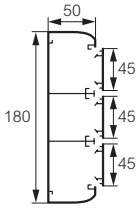




Technical characteristics **p. 1066-1067**

The product contains a silver compound to prevent the growth of bacteria on the surface of the trunking
Particularly suitable for healthcare establishments, laboratories, food and beverage industry

Pack	Cat.Nos	Flexible cover snap-on trunking
8[1]	50 x 180 0 757 04	**3-compartment trunking** Can take any antimicrobial Mosaic wiring accessory Includes: - 1 body with 3 compartments - 3 cover, width 45 mm Length: 2 m



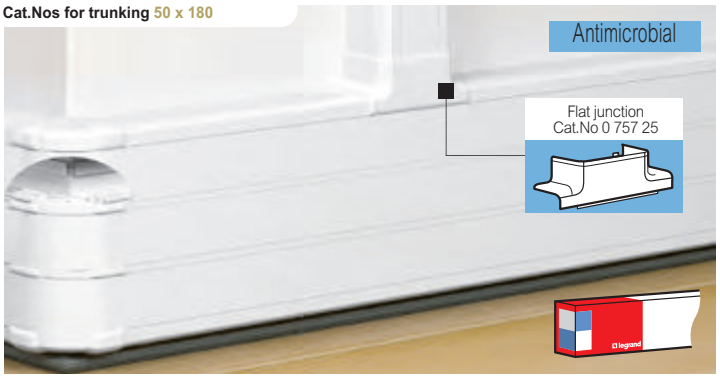
Pack	Cat.Nos	Angles
5	50 x 180 0 757 14	Internal angle, varies from 80° to 100°
5	0 757 19	External angle, varies from 85° to 120°
5	0 757 24	Flat angle at 90°

Pack	Cat.Nos	End cap
5	50 x 180 0 757 09	Left or right end cap

1: Number of metres in pack

Accessories for antimicrobial flexible cover snap-on DLP trunking

Cat.Nos for trunking 50 x 180



Example of installation

Technical characteristics **p. 1066-1067**

The product contains a silver compound to prevent the growth of bacteria on the surface of the trunking
Particularly suitable for healthcare establishments, laboratories, food and beverage industry

Pack	Cat.Nos	Flat junction
5	0 757 25	With 80, 130 and 180 mm wide sections Creates a junction with snap-on trunking 50 x 80 mm

Pack	Cat.Nos	Extra cover
20[1]	0 757 29	Width 45 mm Length 2 m

Pack	Cat.Nos	Extra partition
26[1]	0 756 09	Divider Length 2 m

Pack	Cat.Nos	Joint
20	0 757 30	Stick-on body joint

Pack	Cat.Nos	Cover joint
10	0 757 35	Width 45 m

Pack	Cat.Nos	Soluclip accessory
10	0 757 36	For installation of maximum two 45 x 45 mm Mosaic antimicrobial mechanisms

1: Number of metres in pack

Mosaic™ mechanisms with antimicrobial treatement, **p. 1205**

Flexible cover snap-on DLP trunking

New standard EN 50085-2-1

Standard EN 50085-2-1 concerns electrical trunking systems for installation on walls or on the ceiling
This new system standard proposes a tiered classification which allows performance to be adapted to the target applications
To satisfy the requirements of NF C 15-100, Legrand has conformed to the current specifications of EN 50085-2-1 and IEC 61084-2-1 in terms of both performance and level of functions provided by the system
To this end, our installation trunking (which carries electrical wiring accessories) is type 3 in the new standard

Classification of flexible cover snap-on trunking

New standard EN 50085-2-1		Level
6.1	Void	
6.2	Resistance to impact for installation and application	2.0 J
6.3	Minimum storage and transport temperature	- 25 °C
6.3	Minimum installation and application temperature	- 5 °C
6.3	Maximum application temperature	+ 60 °C
6.4	Resistance to flame propagation	Non-flame propagating
6.5	Electrical continuity characteristic	Without electrical continuity characteristic
6.6	Electrical insulating characteristic	With electrical insulating characteristic
6.7	Degrees of protection provided by enclosure	IP 40
6.9	The system access cover retention	With a tool
6.101	The position when surface mounted	Wall fixed Ceiling fixed Wall fixed and supported by the floor or other horizontal surface (except antimicrobial snap-on DLP trunking)
6.102	Prevention of contact between liquids and insulated conductors and live parts in case of CTS/CDS mounted in a skirting position and wet-treatment of floor	Instructions restricting the installation position
6.103	The functions provided	Type 3
Rated current		500 V
Against mechanical shocks		IK 07

Composition and functions for flexible cover snap-on trunking

Cat.Nos	Size (mm)	Number of compartments	Cover	Monobloc: body + cover	Stick-on body joint	Divider[2]	End cap[2]	Internal angle[1]	External angle[1]	Flat angle[1]	Cover joint[2]	Flat junction[2]		Cross-section (mm²)
Black edition														
0 757 50	50 x 80		1 x 45	0 757 50	0 757 80	0 756 09	0 757 55	0 757 60	0 757 65	0 757 70	0 757 85	0 757 75	(3)	2934
0 757 52	50 x 130		2 x 45	0 757 52	0 757 80	-	0 757 57	0 757 62	0 757 67	0 757 72	0 757 85	0 757 75	(3)	2442/2442
White														
0 756 01, 0 110 20	50 x 80		1 x 45	0 756 01	0 756 61	0 756 09	0 756 11	0 756 21	0 756 31	0 756 41	0 756 69	0 756 71	(3)	2934
0 756 02	50 x 105		1 x 45	0 756 02	0 756 62	0 756 09	0 756 12	0 756 22	0 756 32	0 756 42	0 756 69	0 756 18/19	(3)	4098
0 756 03, 0 110 22	50 x 130		2 x 45	0 756 03	0 756 61	-	0 756 13	0 756 23	0 756 33	0 756 43	0 756 69	0 756 71/75	(3)	2442/2442
0 756 04	50 x 145		2 x 45	0 756 04	0 756 63	-	0 756 14	0 756 24	0 756 34	0 756 44	0 756 69	0 756 71/72/ 75/76	(3)	2442/3024
0 756 06, 0 110 24	50 x 180		3 x 45	0 756 06	0 756 61	-	0 756 16	0 756 26	0 756 36	0 756 46	0 756 69	0 756 71/75	(3)	2442/1950/2442
Grey														
0 758 00	50 x 80		1 x 45	0 758 00	0 758 33	0 756 09	0 758 05	0 758 10	0 758 15	0 758 20	0 758 35	0 758 25	(3)	2934
0 758 02	50 x 130		2 x 45	0 758 02	0 758 33	-	0 758 07	0 758 12	0 758 17	0 758 22	0 758 35	0 758 25	(3)	2442/2442
0 758 04	50 x 180		3 x 45	0 758 04	0 758 33	-	0 758 09	0 758 14	0 758 19	0 758 24	0 758 35	0 758 25	(3)	2442/1950/2442
Antimicrobial														
0 757 00	50 x 80		1 x 45	0 757 00	0 757 30	0 756 09	0 757 05	0 757 10	0 757 15	0 757 20	0 757 35	0 757 25	(3)	2934
0 757 02	50 x 130		2 x 45	0 757 02	0 757 30	0 756 09	0 757 07	0 757 12	0 757 17	0 757 22	0 757 35	0 757 25	(3)	2442/2442
0 757 04	50 x 180		3 x 45	0 757 04	0 757 30	0 757 09	0 757 09	0 757 14	0 757 19	0 757 24	0 757 35	0 757 25	(3)	2442/1950/2442

1: Classification and performance are for a mounting at an angle of 90°
2: See mounting and assembling instructions on technical sheets, boxes, or on www.export.legrand.com
3: Wiring accessories: Mosaic sockets Cat.Nos 0 772 02/03/12/16/17/19/20/22/23/31, 0 787 02

Wiring capacity

Cat.Nos	Size (mm)	Number of compartments	Cover width	Cross-section	Capacity	Ømax.	1.5 mm²	2.5 mm²	4 mm²	6 mm²	3 x 1.5 mm²	3 x 2.5 mm²	UTP & FTP Cat.6
0 110 20, 0 756 01, 0 757 00/50, 0 758 00	50 x 80		45	2934	Max.	38	177	131	115	85	26	19	58
				1564	with sockets for trunking		94	70	61	45	13	10	31
0 756 02	50 x 105		45	4098	Max.	38	248	184	161	119	36	26	81
				2728	with sockets for trunking		165	122	107	79	24	17	54
0 110 22, 0 756 03, 0 757 02/52, 0 758 02	50 x 130		45	2442	Max.	38	148	109	96	71	21	16	48
				1072	with sockets for trunking		65	48	42	31	9	7	21
			45	2442	Max.	38	148	109	96	71	21	16	48
				1072	with sockets for trunking		65	48	42	31	9	7	21
0 756 04	50 x 145		45	2442	Max.	38	148	109	96	71	21	16	48
				1072	with sockets for trunking		65	48	42	31	9	7	21
			45	3024	Max.	38	183	135	119	88	26	19	60
				1654	with sockets for trunking		100	74	65	48	14	10	33
0 110 24, 0 756 06, 0 757 04, 0 758 04	50 x 180		45	2442	Max.	38	148	109	96	71	21	16	48
				1072	with sockets for trunking		65	48	42	31	9	7	21
			45	1950	Max.	38	118	87	76	56	17	12	38
				580	with sockets for trunking		35	26	22	16	5	3	11
			45	2442	Max.	38	148	109	96	71	21	16	48
				1072	with sockets for trunking		65	48	42	31	9	7	21

Choice and installation of junctions

Cat.Nos	Size (mm)	Vertical trunking / Horizontal trunking	Flat junctions	Angled junctions	Flat junctions	Angled junctions	Angled junctions
			50 x 80 mm		50 x 105 mm		50 x 130 mm
Black edition							
0 757 50	50 x 80		0 757 75	-	-	-	-
0 757 52	50 x 130		0 757 75	-	-	-	-
White							
0 756 01, 0 110 20	50 x 80		0 756 71	0 756 81 + 0 756 21	-	0 756 81 + 0 756 21	0 756 81 + 0 756 21
0 756 02	50 x 105		0 756 72	-	0 756 76	0 756 81 + 0 756 22	0 756 81 + 0 756 22
0 756 03, 0 110 22	50 x 130		0 756 71	0 756 81 + 0 756 23	-	0 756 81 + 0 756 23	0 756 81 + 0 756 23
0 756 04	50 x 145		0 756 71 (upward) 0 756 72 (downward)	0 756 81 + 0 756 24	0 756 75 (upward) 0 756 76 (downward)	0 756 81 + 0 756 24	0 756 81 + 0 756 24
0 756 06, 0 110 24	50 x 180		0 756 71	0 756 81 + 0 756 26	-	0 756 81 + 0 756 26	0 756 81 + 0 756 26
Grey							
0 758 00	50 x 80		0 758 25	-	-	-	-
0 758 02	50 x 130		0 758 25	-	-	-	-
0 756 04	50 x 180		0 758 25	-	-	-	-
Antimicrobial							
0 757 00	50 x 80		0 757 25	-	-	-	-
0 757 02	50 x 130		0 757 25	-	-	-	-
0 757 04	50 x 180		0 757 25	-	-	-	-

Flexible cover universal DLP trunking

bodies and finishing accessories

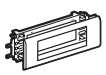
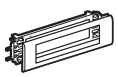
White
length: 2 m

TRUNKING			TRUNKING AND ACCESSORIES						ANGLES		
Number of compartments	Covers width (mm)	Size (mm)	Body and covers complete	Separation	Clips	Base joints(1)	Cover joints	End cap	Internal angle(2) 85 to 95°	External angle(2) 60 to 120°	Flat angle
FLEXIBLE COVER UNIVERSAL DLP TRUNKING - 65 mm COVER											
1	65	**50 x 80**	0 104 62	0 105 82	0 106 81	0 106 92 or 0 106 91	0 108 01	0 107 22	0 106 02	0 106 22	0 107 67
	65	**50 x 105**	0 104 24	0 105 82	0 106 81	0 106 96	0 108 01	0 107 00	0 106 05	0 106 19	0 107 86
2	65 65	**50 x 150**	0 104 27	0 105 82	0 106 81	0 106 92 or 0 106 91	2 x 0 108 01	0 107 03	0 106 06	0 106 35	0 107 89
3	40 65 40	**50 x 170**	0 104 67	0 105 82	0 106 82	0 106 92 or 0 106 91	2 x 0 108 00 + 0 108 01	0 107 10	0 106 50	0 106 38	0 107 98
FLEXIBLE COVER UNIVERSAL DLP TRUNKING - 85 mm COVER											
1	85	**35 x 105**	0 104 63	0 105 82	0 106 82	0 106 92 or 0 106 91	0 108 02	0 107 01	0 106 01	0 106 21	0 107 84
	85	**50 x 105**	0 104 64	0 105 82	0 106 82	0 106 92 or 0 106 91	0 108 02	0 107 02	0 106 02	0 106 22	0 107 85
2	85 85	**50 x 195**	0 104 70	0 105 82	0 106 82	0 106 92 or 0 106 91	2 x 0 108 02	0 107 11	0 106 06	0 106 35	0 107 92

1: 0 106 92: base joint for aligning bases, 0 106 91: base joint, attached with adhesive
2: Internal and external angles include partition junction(s) for installation with multi-compartment trunking

Flexible cover universal DLP trunking

wiring accessories supports and back boxes

SUPPORTS FOR ARTEOR AND MOSAIC		Cover width	
		65 mm	85 mm
2 modules		0 109 52	0 109 92
4 modules		0 109 54	0 109 94
6 modules		0 109 56	0 109 96
8 modules		0 109 58	0 109 98

UNIVERSAL SUPPORTS FOR 60 mm FIXING CENTRES WIRING ACCESSORIES (Niloé)		Cover width
		85 mm
1 gang		0 109 13
2 gang		0 109 23
3 gang		0 109 33

BACK BOXES FOR BRITISH STANDARD RANGES (Synergy, Mallia Senses, Belanko S, Galion and Eloé)		Cover 85 mm	
		Depth 25 mm	Depth 35 mm
1 gang		6 208 16	6 208 26
2 gang		6 208 17	6 208 27

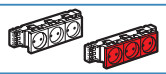
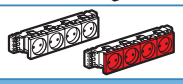
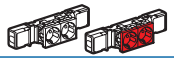
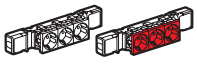
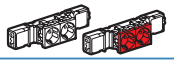
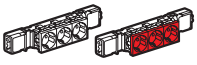
Flexible cover universal DLP trunking

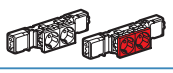
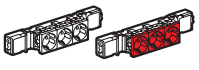
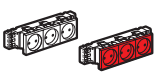
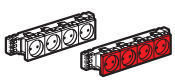
junctions

Size (mm)	FLAT JUNCTIONS					ANGLED JUNCTIONS		
	Flat junctions to width 80 mm	Flat junctions to width 105 mm		Flat junctions				
	With 65 mm cover	With 85 mm cover		With 65 mm cover	With same trunking	With 85 mm cover		With 65 mm cover
	50 x 80	35 x 105	50 x 105	50 x 105		35 x 105	50 x 105	50 x 105
50 x 80 Cat.No 0 104 62	0 107 35	-	-	-	0 107 35	-	-	-
50 x 105 Cat.No 0 104 24	0 107 39	0 107 40	-	0 107 40	0 107 40	0 107 65 + 0 106 05	0 107 65 + 0 106 05	0 107 65 + 0 106 05
50 x 150 Cat.No 0 104 27	0 107 35	0 107 36	0 107 36	0 107 37	0 107 32 x 2	0 107 63 + 0 106 06	0 107 63 + 0 106 06	0 107 63 + 0 106 06
50 x 170 Cat.No 0 104 67	0 107 35	0 107 36	0 107 36	0 107 37	0 107 32 x 2	0 107 63 + 0 106 50	0 107 63 + 0 106 50	0 107 63 + 0 106 50
35 x 105 Cat.No 0 104 63	-	-	-	-	0 107 36	-	-	-
50 x 105 Cat.No 0 104 64	0 107 35	0 107 36	0 107 36	0 107 37	0 107 36	0 107 63 + 0 106 02	0 107 63 + 0 106 02	0 107 63 + 0 106 02
50 x 195 Cat.No 0 104 70	0 107 35	0 107 36	0 107 36	0 107 37	0 107 32 x 2	0 107 63 + 0 106 06	0 107 63 + 0 106 06	0 107 63 + 0 106 06

Flexible cover universal DLP trunking

wiring accessories

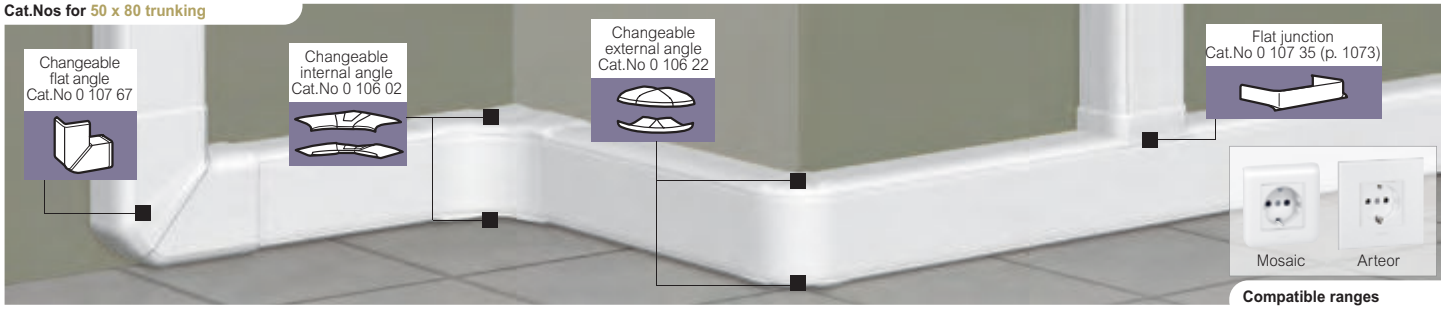
MOSAIC SOCKET OUTLETS - GERMAN STANDARD				
		Standard	Red	Tamperproof
AUTOMATIC TERMINALS				
2P+E, 2 modules		0 774 01	0 774 11	0 774 21
2 x 2P+E, 4 modules		0 774 02	0 774 12	0 774 22
3 x 2P+E, 6 modules		0 774 03	0 774 13	0 774 23
4 x 2P+E, 8 modules		0 774 04	0 774 14	0 774 24
AUTOMATIC TERMINALS + CABLE GRIP				
2 x 2P+E, 4 modules		4 500 16	4 500 18	-
3 x 2P+E, 6 modules		4 500 17	4 500 19	-
AUTOMATIC TERMINALS WIELAND				
2 x 2P+E, 4 modules		4 500 00	4 500 02	-
3 x 2P+E, 6 modules		4 500 01	4 500 03	-

MOSAIC SOCKET OUTLETS - GERMAN STANDARD				
		Standard	Red	Tamperproof
AUTOMATIC TERMINALS WAGO WINSTA				
2 x 2P+E, 4 modules		4 500 04	4 500 06	-
3 x 2P+E, 6 modules		4 500 05	4 500 07	-
SCREW TERMINALS				
2P+E, 2 modules		0 776 01	0 776 11	0 776 21
2 x 2P+E, 4 modules		0 776 02	0 776 12	0 776 22
3 x 2P+E, 6 modules		0 776 03	0 776 13	0 776 23
4 x 2P+E, 8 modules		0 776 04	0 776 14	0 776 24

Flexible cover universal DLP trunking 50 x 80 and 50 x 105 - 65 mm cover

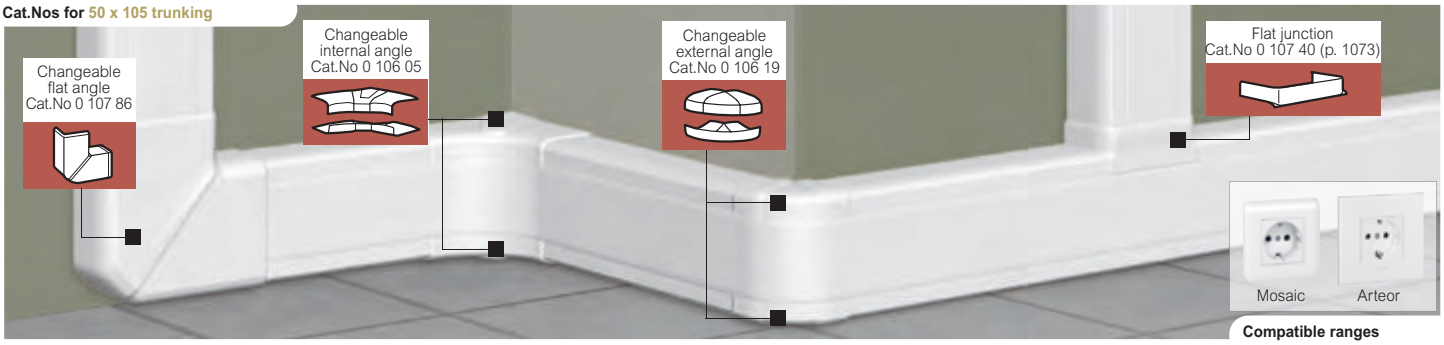
White
length: 2 m

Cat.Nos for 50 x 80 trunking



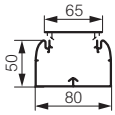
Compatible ranges

Cat.Nos for 50 x 105 trunking



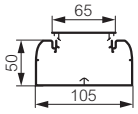
Compatible ranges

Selection chart **p. 1068-1069**
Wiring capacity chart **p. 1074-1075**

Pack	Cat.Nos	Flexible cover universal trunking 50 x 80
20[1]	0 104 62	**Trunking without partition** Supplied with: - one 50 x 80 mm body - one flexible 65 mm width cover Fits onto the whole trunking including in internal and external angles Installation: can be used with Mosaic/Arteor ranges or DIN rail equipment Length 2 m 
24[1]	0 105 82	**Partition** Separation partition Length 2 m
20	0 106 91	**Joints** Body joint For aligning bases during installation
20	0 106 92	Body joint, attached with adhesive (fit at the end of installation)
10	0 108 01	Cover joint for 65 mm cover

Pack	Cat.Nos	Angles for flexible cover universal trunking 50 x 80
		Internal and external bends Include the 2 components for the top and bottom of the trunking on which the flexible cover is fitted
10	0 106 02	Changeable internal bend, from 85° to 95° for 50 x 80/50 x 105/50 x 150 and 50 x 195 mm trunkings
10	0 106 22	Changeable external bend, from 60° to 120° for 50 x 80/50 x 105/50 x 150 and 50 x 195 mm trunkings
		Flat angle
10	0 107 67	90° flat angle

Pack	Cat.Nos	End cap for flexible cover universal trunking 50 x 80
10	0 107 22	Left or right end cap

Pack	Cat.Nos	Flexible cover universal trunking 50 x 105
12[1]	0 104 24	**Trunking without partition** Supplied with: - one 50 x 105 mm body - one flexible 65 mm width cover Fits onto the whole trunking including in internal and external angles Installation: can be used with Mosaic/Arteor ranges or DIN rail equipment Length 2 m 
24[1]	0 105 82	**Partition** Separation partition Length 2 m
20	0 106 96	**Joints** Body joint For aligning bases during installation
10	0 108 01	Cover joint for 65 mm cover

Pack	Cat.Nos	Angles for flexible cover universal trunking 50 x 105
		Internal and external bends Include the 2 components for the top and bottom of the trunking on which the flexible cover is fitted
10	0 106 05	Changeable internal bend, from 85° to 95° for 50 x 105 mm trunkings
10	0 106 19	Changeable external bend, from 60° to 120° for 50 x 105 mm trunkings
		Flat angle
10	0 107 86	90° flat angle
		End cap
20	0 107 00	Left or right end cap

Pack	Cat.Nos	End cap for flexible cover universal trunking 50 x 105
20	0 107 00	Left or right end cap

1: Number of metres in pack

Junctions and accessories
p. 1073

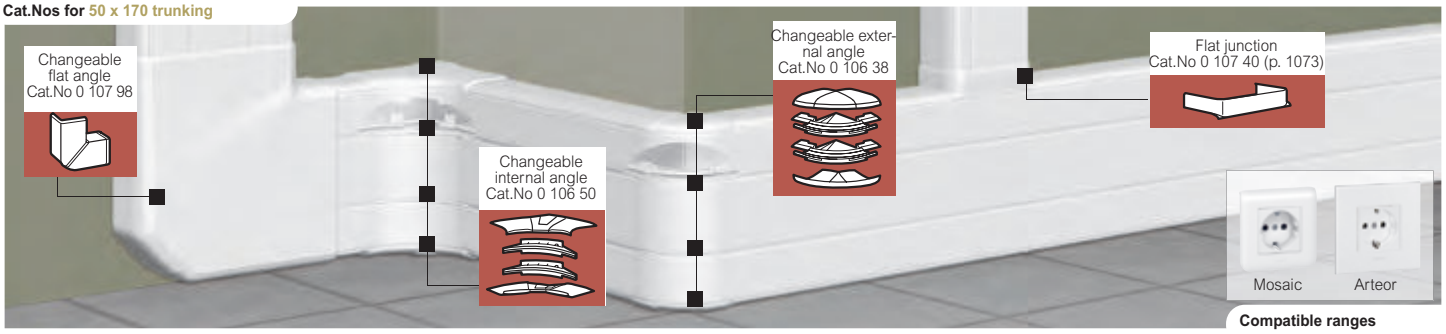
Flexible cover universal DLP trunking 50 x 150 and 50 x 170 - 65 mm cover

White
length: 2 m

Cat.Nos for 50 x 150 trunking

Compatible ranges

Cat.Nos for 50 x 170 trunking

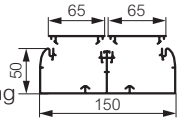


Compatible ranges

Selection chart **p. 1068-1069**
Wiring capacity chart **p. 1074-1075**

Flexible cover universal trunking 50 x 150

Pack	Cat.Nos	
12[1]	0 104 27	**Trunking with partition** Supplied with: - one 50 x 150 mm body - two flexible 65 mm width covers Fits onto the whole trunking including in internal and external angles Installation: can be used with Mosaic/Arteor ranges or DIN rail equipment Length 2 m
24[1]	0 105 82	**Partition** Separation partition Length 2 m
		Joints
20	0 106 91	Body joint For aligning bases during installation
20	0 106 92	Body joint, attached with adhesive (fit at the end of installation)
10	0 108 01	Cover joint for 65 mm cover



Angles for flexible cover universal trunking 50 x 150

Internal and external bends
Include the 3 components making the angle (parts for the top and bottom and the partition junction) on which the flexible cover is fitted

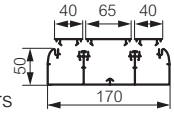
5	0 106 06	Changeable internal bend, from 85° to 95° for 50 x 150 and 50 x 195 mm trunkings
5	0 106 35	Changeable external bend, from 60° to 120° for 50 x 150 and 50 x 195 mm trunkings
		Flat angle
5	0 107 89	90° flat angle

End cap for flexible cover universal trunking 50 x 100

10	0 107 03	Left or right end cap

Flexible cover universal trunking 50 x 170

Pack	Cat.Nos	
4[1]	0 104 67	**Trunking with partition** Supplied with: - one 50 x 170 mm body - one flexible 65 mm width cover and two flexible 40 mm width covers Fits onto the whole trunking including internal and external angles Installation: can be used with Mosaic/Arteor ranges or DIN rail equipment Length 2 m
24[1]	0 105 82	**Partition** Separation partition Length 2 m
		Joints
20	0 106 91	Body joint For aligning bases during installation
20	0 106 92	Body joint, attached with adhesive (fit at the end of installation)
10	0 108 01	Cover joint for 65 mm cover
10	0 108 00	Cover joint for 40 mm cover



Angles for flexible cover universal trunking 50 x 170

Internal and external bends
Include the 4 components making the angle (parts for the top and bottom and the 2 partition junctions) on which the flexible cover is fitted

5	0 106 50	Changeable internal bend, from 85° to 95° for 50 x 170 and 50 x 195 mm trunkings
5	0 106 38	Changeable external bend, from 60° to 120° for 50 x 170 and 50 x 195 mm trunkings
		Flat angle
2	0 107 98	90° flat angle

End cap for flexible cover universal trunking 50 x 170

5	0 107 10	Left or right end cap

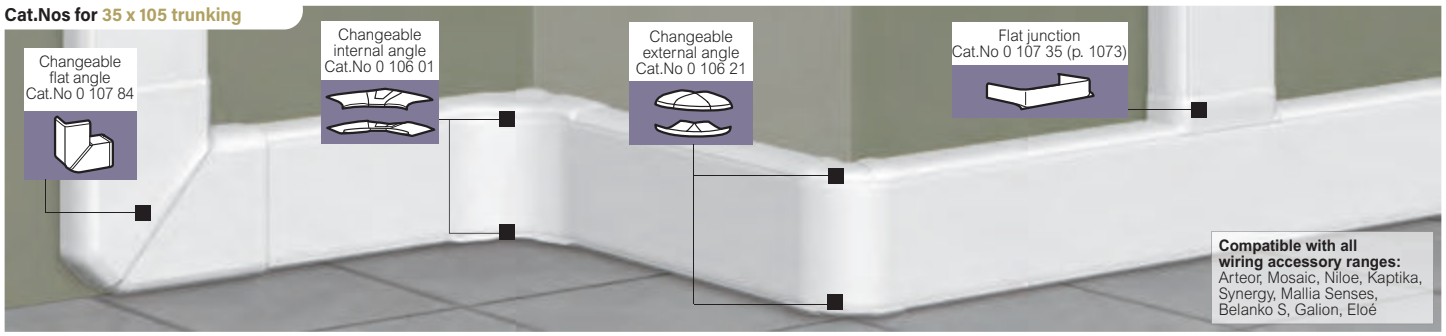
1: Number of metres in pack

Junctions and accessories
p. 1073

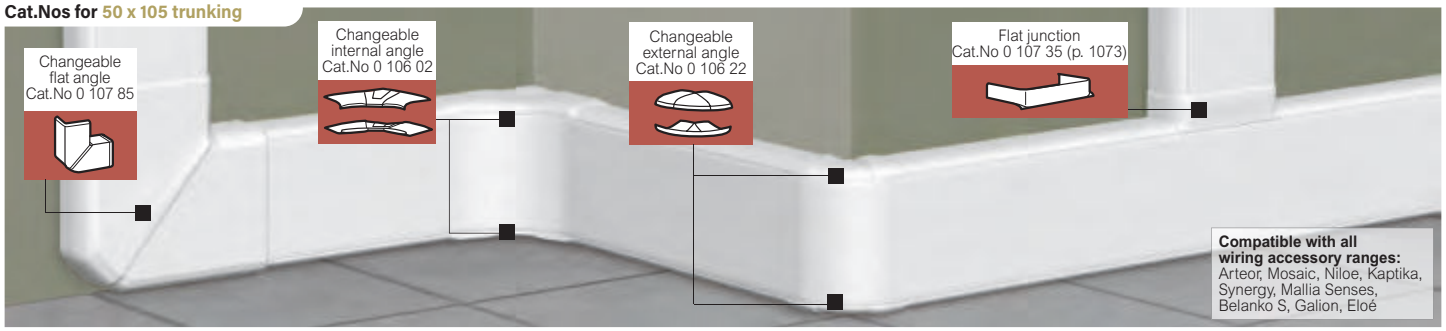
Flexible cover universal DLP trunking 35 x 105 and 50 x 105 - 85 mm cover

White
length: 2 m

Cat.Nos for 35 x 105 trunking



Cat.Nos for 50 x 105 trunking



Selection chart **p. 1068-1069**
Wiring capacity chart **p. 1074-1075**

Flexible cover universal trunking 35 x 105

Pack	Cat.Nos	
20[1]	0 104 63	**Trunking without partition** Supplied with: - one 35 x 105 mm body - one flexible 85 mm width cover Fits onto the whole trunking including in internal and external angles Installation: can be used with Mosaic/Arteor ranges or DIN rail equipment Length 2 m
24[1]	0 105 82	**Partition** Separation partition Length 2 m
		Joints
20	0 106 91	Body joint For aligning bases during installation
20	0 106 92	Body joint, attached with adhesive (fit at the end of installation)
10	0 108 02	Cover joint

Angles for flexible cover universal trunking 35 x 105

Internal and external bends
Include the 2 components for the top and bottom of the trunking on which the flexible cover is fitted

10	0 106 01	Changeable internal bend, from 85° to 95° for 35 x 80 and 35 x 105 mm trunking
10	0 106 21	Changeable external bend, from 60° to 120° for 35 x 80 and 35 x 105 mm trunking
		Flat angle
10	0 107 84	90° flat angle

End cap for flexible cover universal trunking 35 x 105

20	0 107 01	For 35 x 105 mm trunking

Flexible cover universal trunking 50 x 105

Pack	Cat.Nos	
16[1]	0 104 64	**Trunking without partition** Supplied with: - one 50 x 105 mm body - one flexible 85 mm width cover Fits onto the whole trunking including in internal and external angles Installation: can be used with Mosaic/Arteor ranges or DIN rail equipment Length 2 m
24[1]	0 105 82	**Partition** Separation partition Length 2 m
		Joints
20	0 106 91	Body joint For aligning bases during installation
20	0 106 92	Body joint, attached with adhesive (fit at the end of installation)
10	0 108 02	Cover joint

Angles for flexible cover universal trunking 50 x 105

Internal and external bends
Include the 2 components for the top and bottom of the trunking on which the flexible cover is fitted

10	0 106 02	Changeable internal bend, from 85° to 95° for 50 x 80/50 x 105/50 x 150 and 50 x 195 mm trunkings
10	0 106 22	Changeable external bend, from 60° to 120° for 50 x 80/50 x 105/50 x 150 and 50 x 195 mm trunkings
		Flat angle 90° angle
10	0 107 85	For 50 x 105 mm trunking

End cap for flexible cover universal trunking 50 x 105

20	0 107 02	For 50 x 105 mm trunking

1: Number of metres in pack

Junctions and accessories
see opposite

Flexible cover universal DLP trunking 50 x 195 - 85 mm cover

White
length: 2 m

Cat.Nos for 50 x 195 trunking

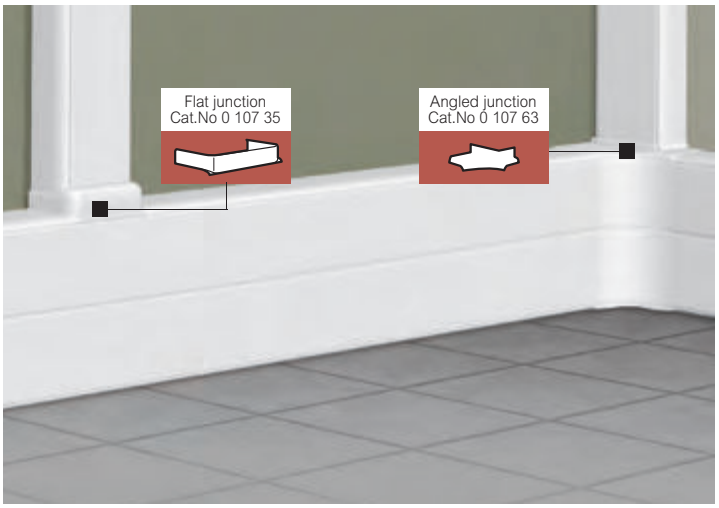
Selection chart **p. 1068-1069**
Wiring capacity chart **p. 1074-1075**

Pack	Cat.Nos	Flexible cover universal trunking 50 x 195
8[1]	0 104 70	**Trunking with partition** Supplied with: - one 50 x 195 mm body – two flexible 85 mm width covers Fits onto the whole trunking including in internal and external angles Installation: can be used with Mosaic/Arteor ranges or DIN rail equipment Length 2 m
24[1]	0 105 82	**Partition** Separation partition Length 2 m
		Joints
20	0 106 91	Body joint For aligning bases during installation
20	0 106 92	Body joint, attached with adhesive (fit at the end of installation)
10	0 108 02	Cover joint
		Angles flexible cover for universal trunking 50 x 105
		Internal and external bends Include the 3 components making the angle (parts for the top and bottom and the partition junction) on which the flexible cover is fitted
5	0 106 06	Changeable internal bend, from 85° to 95° for 50 x 150 and 50 x 195 mm trunkings
5	0 106 35	Changeable external bend, from 60° to 120° for 50 x 150 and 50 x 195 mm trunkings
		Flat angle
2	0 107 92	90° flat angle
		End cap for flexible cover universal trunking 50 x 195
5	0 107 11	Left or right end cap

1: Number of metres in pack

Flexible cover universal DLP trunking

junctions and accessories



Selection chart **p. 1068-1069**

Pack	Cat.Nos	Junctions
		Flat junctions
5	0 107 35	For tap-off to a 80 mm wide profile
5	0 107 39	For tap-off to a 80 mm wide profile
5	0 107 37	For tap-off to a 105 mm wide profile equipped with a 65 mm cover
5	0 107 36	For tap-off to a 105 mm wide profile equipped with a 85 mm cover
5	0 107 40	For tap-off to a 150 mm wide profile
		Angled junction For tap-off in an internal angle to 35 x 105, 50 x 80, 50 x 105
5	0 107 63	For use with internal angle Cat.No 0 106 06 (p. 1071)
5	0 107 65	For use with internal angle Cat.No 0 106 02 (p. 1070)
		Accessories
50	0 106 82	Clip for 40, 65 and 85 mm covers
50	0 106 81	Clip for 65 mm covers
100	0 308 81	Base for clamp

Wiring accessories supports and installation accessories **p. 1077-1078**

Flexible cover universal DLP trunking

New standard EN 50085-2-1

Classification EN 50085-2-1		Level
6.1	Void	
6.2	Resistance to impact for installation and application	2.0 J
6.3	Minimum storage and transport temperature	- 25 °C
6.3	Minimum installation and application temperature	- 5 °C
6.3	Maximum application temperature	+ 60 °C
6.4	Resistance to flame propagation	Non-flame propagating
6.5	Electrical continuity characteristic	Without electrical continuity characteristic
6.6	Electrical insulating characteristic	With electrical insulating characteristic
6.7	Degrees of protection provided by enclosure	IP 40
6.9	System access cover retention	With a tool
6.101	Position when surface mounted	Wall fixed, ceiling fixed, wall fixed and supported by the floor or other horizontal surface
6.102	Prevention of contact between liquids and insulated conductors and live parts in case of CTS/CDS mounted in a skirting position and wet-treatment of floor	Instructions restricting the installation position
6.103	The functions provided	Type 2: 0 104 32/33/52/53, type 3: other Cat.Nos
Rated current		500 V
Against mechanical shocks		IK 07

Type 1, type 2 distribution, type 3 installation

Composition and functions of flexible cover universal DLP trunking

Trunking			Trunking and accessories					Angles			Flat junction[3]		Supports for wiring accessories	Cross-section (mm²)
Number of compartments	Covers width (mm)	Size (mm)	Bodies	Covers	Separation partitions[2]	End cap[2]	Cover joints	Internal angle[1] 85 to 95°	External angle[1] 60 to 120°	Flat angle[1]	To width 80 mm[2]	To width 105 mm[2]		
Trunking for mounting of devices with support - 65 mm cover														
1	65	**50 x 80**	0 104 62 (body and cover complete)	0 105 82	0 107 22	0 108 01	0 106 02	0 106 22	0 107 67	0 107 35	-	(3)	3340	
	65	**50 x 105**	0 104 24 (body and cover complete)	0 105 82	0 107 00	0 108 01	0 106 05	0 106 19	0 107 86	0 107 39	0 107 40	(3)	4380	
2	65 65	**50 x 150**	0 104 27 (body and cover complete)	0 105 82	0 107 03	2 x 0 108 01	0 106 06	0 106 35	0 107 89	0 107 35	0 107 36 or 0 107 37	(3)	3060/3060	
3	40 65 40	**50 x 170**	0 104 67 (body and cover complete)	0 105 82	0 107 10	2 x 0 108 00 + 0 108 01	0 106 50	0 106 38	0 107 98	0 107 35	0 107 36 or 0 107 37	(3)	2 x 2050/2770	
Trunking for mounting of devices with support - 85 mm cover														
1	85	**35 x 105**	0 104 63 (body and cover complete)	0 105 82	0 107 01	0 108 02	0 106 01	0 106 21	0 107 84	0 107 35	0 107 36	(4)	2850	
	85	**50 x 105**	0 104 64 (body and cover complete)	0 105 82	0 107 02	0 108 02	0 106 02	0 106 22	0 107 85	0 107 35	0 107 36 or 0 107 37	(4)	4300	
2	85 85	**50 x 195**	0 104 70 (body and cover complete)	0 105 82	0 107 11	2 x 0 108 02	0 106 06	0 106 35	0 107 92	0 107 35	0 107 36 or 0 107 37	(4)	3940	

1: Classification and performance are for a mounting at an angle of 90°
2: See mounting and assembling instructions on technical sheets, boxes or on www.export.legrand.com
3: Mosaic supports for wiring accessories, cover width 65 mm: Cat.Nos 0 109 10/52/54/56/58
4: Universal and Mosaic supports for wiring accessories, cover width 85 mm: Cat.Nos 0 109 13/23/33/92/93/94/96/98

Wiring capacity

65 mm flexible cover universal DLP trunking

Size	Number of compartments	Cover width	Cross section (mm²)	Capacity	⌀ max	Maximum wiring capacity (for a specific conductor type)						
						1.5 mm²	2.5 mm²	4 mm²	6 mm²	3 x 1.5 mm²	3 x 2.5 mm²	Cat. 6 UTP and FTP
50 x 80 Cat.No 0 104 62	1 compartment	65	3340	Max	39	202	150	131	97	29	21	66
			1790	With Mosaic and Arteor support	2 x 18	108	80	70	52	15	11	35
			2130	With DIN-rail equipment support	2 x 24	129	95	84	62	18	13	42
50 x 105 Cat.No 0 104 24	1 compartment	65	4380	Max	2 x 36	265	196	172	127	38	28	87
			2830	With Mosaic and Arteor support	2 x 26	171	127	111	82	25	18	56
			3170	With DIN-rail equipment support	2 x 30	192	142	125	92	28	20	63
50 x 150 Cat.No 0 104 27	2 compartments	65	3060	Max	42	185	137	120	89	27	20	61
			1510	With Mosaic and Arteor support	18	91	67	59	43	13	9	30
			1850	With DIN-rail equipment support	24	112	83	73	53	16	12	36
		65	3060	Max	42	185	137	120	89	27	20	61
			1510	With Mosaic and Arteor support	18	91	67	59	43	13	9	30
			1850	With DIN-rail equipment support	24	112	83	73	53	16	12	36
50 x 170 Cat.No 0 104 67	3 compartments	40 side	2050	Max	28	124	92	80	59	18	13	40
			1530	With Mosaic and Arteor support	24	92	68	60	44	13	10	30
		65 middle	2770	Max	42	167	124	109	80	24	18	55
			1220	With Mosaic and Arteor support	14	73	54	48	35	10	7	24
			1560	With DIN-rail equipment support	3 x 16	94	70	61	45	13	10	31
		40 side	2050	Max	28	124	92	80	59	18	13	40
			1530	With Mosaic and Arteor support	24	92	68	60	44	13	10	30

85 mm flexible cover universal DLP trunking

Size	Number of compartments	Cover width	Cross section (mm²)	Capacity	⌀ max	Maximum wiring capacity (for a specific conductor type)						
						1.5 mm²	2.5 mm²	4 mm²	6 mm²	3 x 1.5 mm²	3 x 2.5 mm²	Cat. 6 UTP and FTP
35 x 105 Cat.No 0 104 63	1 compartment	85	2850	Max	33	172	128	112	83	25	18	56
			820	With Mosaic and Arteor support	2 x 16	49	36	32	23	7	5	16
			590	With universal support	2 x 16	35	26	23	17	5	3	11
			980	With DIN-rail equipment support	2 x 16	59	44	38	28	8	6	19
50 x 105 Cat.No 0 104 64	1 compartment	85	4300	Max	42	260	113	169	125	38	28	85
			2270	With Mosaic and Arteor support	2 x 24	137	102	89	66	20	14	45
			1680	With universal support	2 x 16	99	73	64	47	14	10	32
			2430	With DIN-rail equipment support	2 x 21	147	109	95	70	21	15	48
50 x 195 Cat.No 0 104 70	2 compartments	85	3940	Max	42	238	177	155	114	35	25	78
			1910	With Mosaic and Arteor support	26	115	85	75	55	16	12	38
			1280	With universal support	18	77	57	50	37	11	8	25
			2070	With DIN-rail equipment support	24	125	93	81	60	18	13	41
		85	3940	Max	42	238	177	155	114	35	25	78
			1910	With Mosaic and Arteor support	26	115	85	75	55	16	12	38
			1280	With universal support	18	77	57	50	37	11	8	25
			2070	With DIN-rail equipment support	24	125	93	81	60	18	13	41

Mosaic™ socket outlets

Mosaic 2 x 4 modules support Cat.No 0 109 54 for cover width 65 mm

Mosaic socket outlet Cat.No 0 774 03 with 6 modules support
Mosaic socket outlet Cat.No 0 774 23 with 4 modules support

Sockets for installation on DLP trunking - German standard

Mosaic sockets with shutters with connection at both sides for mounting on 65 and 85 mm cover DLP trunking in conjunction with supports and plates for trunking (see p. 1077)
Direct connection requiring no tools, intuitive disconnection without dismantling the support

Pack	White	Tamperproof	
			Automatic terminals
10	0 774 01	0 774 21	2P+E
10	0 774 02	0 774 22	2 x 2P+E
10	0 774 03	0 774 23	3 x 2P+E
5	0 774 04	0 774 24	4 x 2P+E

Pack	Red	
10	0 774 11	2P+E
10	0 774 12	2 x 2P+E
10	0 774 13	3 x 2P+E
5	0 774 14	4 x 2P+E

Pack	White	Tamperproof	
			Automatic terminals with cable grip
8	4 500 16	4 500 18	2 x 2P+E
10	4 500 17	4 500 19	3 x 2P+E

Pack	White	Red	
			Automatic terminals - Wieland
			Equipped with fast connectors Wieland GST18i3
8	4 500 00	4 500 02	2 x 2P+E
10	4 500 01	4 500 03	3 x 2P+E

Pack			
			Automatic terminals - Wago Winsta
			Equipped with fast connectors Wago Winsta
8	4 500 04	4 500 06	2 x 2P+E
10	4 500 05	4 500 07	3 x 2P+E

Sockets for installation on DLP trunking - German standard (continued)

Pack	White	Tamperproof	
			Screw terminals
10	0 776 01	0 776 21	2P+E
10	0 776 02	0 776 22	2 x 2P+E
10	0 776 03	0 776 23	3 x 2P+E
5	0 776 04	0 776 24	4 x 2P+E

Pack	Red	
10	0 776 11	2P+E
10	0 776 12	2 x 2P+E
10	0 776 13	3 x 2P+E
5	0 776 14	4 x 2P+E

Accessories

Pack		
10	0 502 99	Tamperproof insert for socket Fits directly into the plug
10	0 898 07	Cable grip

Wiring accessories supports for flexible cover DLP trunking

2 modules
Mosaic support
Cat.No 0 109 52
for cover 65 mm

2 x 2 modules
Mosaic support
Cat.No 0 109 52
for cover 65 mm

2 modules Mosaic support Cat.No 0 109 92

8 modules Mosaic support Cat.No 0 109 98

Pack	Cat.Nos	Supports for mounting Mosaic and Arteor wiring accessories
		Click-on supports which can be fitted side by side Supplied with finishing plate
		For 40 mm cover
5	0 109 10	1 module
		For 65 mm cover
20	0 109 52	2 modules
20	0 109 54	4 modules
10	0 109 56	6 modules
10	0 109 58	8 modules
		For 85 mm cover
20	0 109 92	2 modules
20	0 109 93	3 modules
20	0 109 94	4 modules
10	0 109 96	6 modules
10	0 109 98	8 modules
10	0 109 27	Insulation unit for 2 modules Can be fitted together to create 4, 6 and 8 modules supports

Pack	Cat.Nos	Supports for mounting Mosaic wiring accessories alongside the trunking
		Use 1 frame plus 1 link accessory plus 1 slide for 35 mm width trunking and add 1 spacer for 50 mm width trunking Mosaic frames For 65, 85 and 130 mm covers
10	0 316 21	2 x 4 modules
10	0 316 22	3 x 4 modules

Pack	Cat.Nos	Universal supports for 60 mm fixing centres wiring accessories
		For Niloe and Kaptika For 85 mm cover
10	0 109 13	1 gang
5	0 109 23	2 gang
5	0 109 33	3 gang

		Mounting of Synergy, Mallia Senses, Belanko S, Galion and Eloé wiring accessories
		Back boxes for mounting British standard wiring accessories on 85 mm cover
		Depth 25 mm
5	6 208 16	1 gang
5	6 208 17	2 gang
		Depth 35 mm
5	6 208 26	1 gang
5	6 208 27	2 gang

		Supports for mounting Din-rail equipment wiring accessories
		For 65 mm cover
5	0 109 25	2 modules
		For 85 mm cover
5	0 109 35	3 modules

Accessories for flexible cover universal DLP trunking

0 308 98

0 308 99

0 309 49

0 308 97

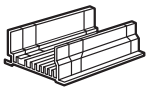
0 106 95

0 313 50

0 308 81

Cutting accessories for trunking

Pack	Cat.Nos	
1	0 306 98	DLPlus cutting unit for PVC DLP For cutting all plastic bodies Avoids vibration when cutting bases and covers. Aluminium Dim.: 225 x 142 x 76 mm



Insulation accessory

Pack	Cat.Nos	
10	0 304 18	Base joint. Adjustable wall insulation joint, supplied in 5 m lengths Provides continuity between the trunking and the wall, in particular in internal angles

Fixing accessories for trunking

For fixing all plastic profiles

Wall plugs for immediate fixing

No screws or nails required

Pack	Cat.Nos	
100	0 308 98	For mini-trunking
100	0 308 99	For mini-trunking, skirting trunking and trunking

Cartridge of Neoprene

Pack	Cat.Nos	
12	0 309 49	Adhesive for glue gun

DLP rapid wall plug

Pack	Cat.Nos	
200	0 308 97	For 10 mm min. plasterboard walls at least 20 mm away from the concrete surface For fixing DLP plastic trunking in a single operation Used with a special tool for drill (Ø8 mm), supplied in each pack of 200 wall plugs Tensile resistance: 25 kg

Spit end cap for DLP trunking

Pack	Cat.Nos	
100	0 106 95	For rapid fixing of trunkings with the Spit Pulsa 700 E (use 20 mm Spit nails)

Junction boxes for DLP trunking

Fitted with current separator
Cable entry possible via the bottom of the box

White junction boxes

Pack	Cat.Nos	
10	0 313 50	Dim.: 163 x 163 x 65 mm (except profile height 80 mm)
5	0 313 51	Dim.: 200 x 200 x 83 mm
5	0 313 52	Dim.: 250 x 250 x 83 mm

VDI cable management accessories

To be fitted on the standard accessories (angles and junctions). For all trunking sizes except 35 x 80 trunking and in compartments with 40 mm width cover

Pack	Cat.Nos	
5	0 107 80	Accessory for internal angle
5	0 107 81	Accessory for external angle
5	0 107 82	Accessory for flat angle
5	0 107 83	Accessory for flat junction

Junction and routing accessories

Base for Nylbloc auto terminals

Pack	Cat.Nos	
10	0 343 98	For up to 3 screwless connection terminals Nylbloc auto (Cat.Nos 0 343 22/23/25/28) Direct fixing: - in top of Plexo boxes and industrial plastic cabinets ≥ 130 x 130 mm - on flat bar 12 x 2 mm - in bottom of universal and aluminium DLP trunkings (from 50 x 80 mm) Screw fixing: - in bottom of Plexo boxes ≥ 105 x 105 mm and industrial plastic cabinets - universal Fixing on rail with accessory Cat.No 0 048 11 (p. 298) Accessible test socket Marking zone with felt tip pen Cat.No 0 395 98 (p. 451)

Connection strips

Pack	Cat.Nos	
20	0 312 10	Connection strips with 4 x 4 mm² terminals for junction boxes

For high current cables

Pack	Cat.Nos	
100	0 308 81	Base for cable ties

Flat junctions

Base junctions

Pack	Cat.Nos	
10	0 107 32	To tap-off to a profile smaller than 50 x 105
5	0 107 33	To tap-off to an 80 mm width trunking

Accessories for separation partition

Allow bottom compartment cables to pass through the separation partition in case of a flat junction

Pack	Cat.Nos	
5	0 107 42	For 50 mm height separation partition
5	0 107 43	For 65 mm height separation partition

Junctions for change of plane

To tap-off from wall to ceiling, for example to supply power to a luminaire

Pack	Cat.Nos	
5	0 107 71	For cover 65 mm
5	0 107 72	For cover 85 mm
5	0 107 73	For trunking Cat.No 0 104 24

Junctions between floor duct and trunking

To tap-off to floor duct Cat.No 0 328 00 (p. 1133)

Pack	Cat.Nos	
5	0 107 71+ 0 106 90	For cover 65 mm
5	0 107 72+ 0 106 90	For cover 85 mm

Wall feedthroughs

Provides a finish between the trunking and the wall

Pack	Cat.Nos	
5	0 106 98	For trunking 80 to 150 mm width
5	0 106 99	For trunking 195 to 220 mm width

RIGID COVER DLP-S TRUNKING

The flexibility before anything

DLP-S snap-on and universal trunking fits in perfectly in all building sectors, for both new and refurbishment work and guarantees the integration of multiple ranges of wiring devices.

See p. 1082

See p. 1086

DLP-S rigid cover snap-on trunking
simple and intuitive installation

- 3 sizes supplied complete: body + cover + dividers
- No additional support - simply clip 45 mm Arteor or Mosaic wiring devices on the trunking body
- Rigid profile with perforations, easy to cut rectangular shape, with protective film during installation
- Self-guiding cover for easy fitting
- Sockets held firmly in the trunking

DLP-S rigid cover universal trunking
for the essentials

- 2 sizes supplied complete: body + cover + dividers
- Traditional installation method with modular or with universal supports
- Compatible with all types of 45 mm mechanism (like Arteor or Mosaic) or with other British or German standard wiring devices (like Eloé, Belanko S, Galion, Mallia Senses, Kaptika or Niloé)

A COMMON RANGE OF ACCESSORIES FOR SNAP-ON AND UNIVERSAL TRUNKING.
Save your time and provide perfect finish.

Fixed version (90°)

Fixed version (90°)

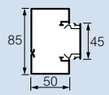
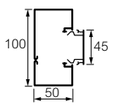
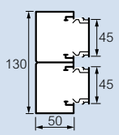
Flat angle

Flat junction

End cap

Rigid cover DLP-S snap-on trunking

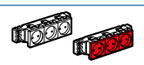
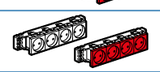
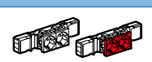
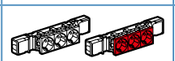
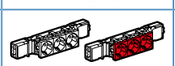
trunking and accessories

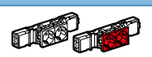
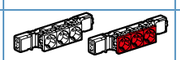
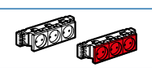
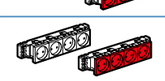
RIGID COVER TRUNKING			RIGID COVER TRUNKING AND ACCESSORIES						FIXED ANGLES AT 90°			JUNCTION
Number of compartments	Cover width (mm)	Cross-section (mm)	Body + cover	Partition	Body joint	Cover joint	End cap		Internal angle	External angle	Flat angle	Flat junction
		**85 x 50**	6 380 20	6 380 08	6 380 26	6 380 00	6 380 25		6 380 27	6 380 28	6 380 29	6 380 24
		**100 x 50**	6 380 30	6 380 08	6 380 36	6 380 00	6 380 35		6 380 17	6 380 18	6 380 19	6 380 34
		**130 x 50**	6 380 40[1]	-	6 380 46	2 x 6 380 00	6 380 45		6 380 47	6 380 48	6 380 49	6 380 44

1: Partition(s) supplied with body

Rigid cover DLP-S snap-on trunking

examples of wiring accessories

MOSAIC SOCKET OUTLETS - GERMAN STANDARD		Standard	Red	Tamperproof
AUTOMATIC TERMINALS				
2P+E, 2 modules		0 774 01	0 774 11	0 774 21
2 x 2P+E, 4 modules		0 774 02	0 774 12	0 774 22
3 x 2P+E, 6 modules		0 774 03	0 774 13	0 774 23
4 x 2P+E, 8 modules		0 774 04	0 774 14	0 774 24
AUTOMATIC TERMINALS + CABLE GRIP				
2 x 2P+E, 4 modules		4 500 16	4 500 18	-
3 x 2P+E, 6 modules		4 500 17	4 500 19	-
AUTOMATIC TERMINALS WIELAND				
2 x 2P+E, 4 modules		4 500 00	4 500 02	-
3 x 2P+E, 6 modules		4 500 01	4 500 03	-

MOSAIC SOCKET OUTLETS - GERMAN STANDARD		Standard	Red	Tamperproof
AUTOMATIC TERMINALS WAGO WINSTA				
2 x 2P+E, 4 modules		4 500 04	4 500 06	-
3 x 2P+E, 6 modules		4 500 05	4 500 07	-
SCREW TERMINALS				
2P+E, 2 modules		0 776 01	-	0 776 21
2 x 2P+E, 4 modules		0 776 02	0 776 12	0 776 22
3 x 2P+E, 6 modules		0 776 03	0 776 13	0 776 23
4 x 2P+E, 8 modules		0 776 04	-	0 776 24

Mosaic RJ 45 data sockets

examples of wiring accessories

MOSAIC RJ 45 DATA SOCKETS		UTP	FTP	STP
CAT. 6_A				
Cat. 6_A 1 module		0 765 71	-	0 765 73
Cat. 6_A 2 modules		0 765 74	-	0 765 76
CAT. 6				
Cat 6 1 module		0 765 61	0 765 62	0 765 63
Cat 6 2 modules		0 765 64	0 765 65	0 765 66
CAT. 5e				
Cat 5e 1 module		0 765 51	0 765 52	-
Cat 5e 2 modules		0 765 54	0 765 55	-

Rigid cover DLP-S snap-on trunking 85 x 50 and 100 x 50

45 mm cover

Cat.Nos for trunking 85 x 50

Cat.Nos for trunking 100 x 50

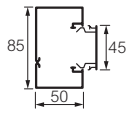
Selection chart **p. 1080-1081**
Technical characteristics **p. 1088**

Rigid cover snap-on trunking

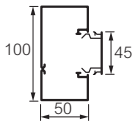
Pack	Cat.Nos 85 x 50	Cat.Nos 100 x 50
20[1]	6 380 20	
16[1]		6 380 30

1-compartment trunking
Includes:
- 1 body
- 1 cover width 45 mm

Can take 45 mm wiring accessories, such as Arteor or Mosaic
Supplied in 10 units of 2 m length



Supplied in 8 units of 2 m length



Pack	Cat.Nos
32	6 380 08
10	6 380 26 | 6 380 36
10	6 380 00

Partition
Separation partition
Length 2 m

Body joint
For aligning trunking body during installation

Cover joint
Cover joint width 45 mm

1: Number of meters in pack

Angles

Pack	Cat.Nos 85 x 50	Cat.Nos 100 x 50
16 I 20	6 380 27	6 380 17
16 I 20	6 380 28	6 380 18
8 I 16	6 380 29	6 380 19

Fixed angles at 90°
Internal angle
External angle
Flat angle

End cap

Pack	Cat.Nos 85 x 50	Cat.Nos 100 x 50
10	6 380 25	6 380 35

End cap

Flat junction

Pack	Cat.Nos 85 x 50	Cat.Nos 100 x 50
5	6 380 24	6 380 34

Creates a junction between 85 x 50 mm vertical trunking and any other size of the range

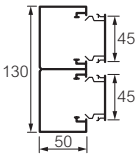
Rigid cover DLP-S snap-on trunking 130 x 50

45 mm cover

Cat.Nos for trunking 130 x 50

Selection chart **p. 1080-1081**
Technical characteristics **p. 1088**

Pack	Cat.Nos	Rigid cover snap-on trunking
	130 x 50	**2-compartment trunking**
12[1]	6 380 40	Includes: - 1 body - 2 covers width 45 mm Supplied in 6 units of 2 m length Can take 45 mm wiring accessories, such as Arteor or Mosaic
10	6 380 46	**Body joint** For aligning trunking body during installation
10	6 380 00	**Cover joint** Cover joint for 45 mm cover
		Angles
	130 x 50	**Fixed angles at 90°**
8	6 380 47	Internal angle
12	6 380 48	External angle
8	6 380 49	Flat angle at 90°
		End cap
10	130 x 50 6 380 45	End cap
		Flat junction
5	130 x 50 6 380 44	Creates a junction between 130 x 50 mm vertical trunking and any other size of the range
		Fixing Clip
10	6 038 57	For 45 mm wiring devices like Mosaic and Arteor With anti-pullout and anti-slip system for perfect fitting of the mechanisms on DLP-S and DLP aluminium snap-on trunking and snap-on columns and mini-columns White finish



1: Number of meters in pack

Pack	Cat.Nos Standard	Cat.Nos Tamperproof (T)	Mosaic socket outlets
			Sockets with connection at both sides for snap-on mounting on trunking with 45 mm cover. Particularly suitable for installation on snap-on trunking Connected with screw terminals
			German standard
10	0 776 01	0 776 21	2P+E (2 modules)
10	0 776 02	0 776 22	2 x 2P+E (4 modules)
10	0 776 03	0 776 23	3 x 2P+E (6 modules)
5	0 776 04	0 776 24	4 x 2P+E (8 modules)
	Red		
10	0 776 12		2 x 2P+E (4 modules)
10	0 776 13		3 x 2P+E (6 modules)

Pack	Cat.Nos	Arteor British standard socket outlets
		Shuttered for child safety ASTA licence Conform to BS 1363 Part 2
		2P+E - 13 A
		Conform to BS 1363 Part 2; ASTA licence 2 modules
10	5 721 11	○ White
		2P+E switched - 13 A
		Conform to BS 1363 Part 2; ASTA licence 3 modules
5	5 721 30	○ White
5	5 724 67	● Red dedicated non standard pin Use with plug Cat.No 6 745 32

RIGID COVER DLP-S UNIVERSAL TRUNKING

Universal trunking for the essentials

The DLP-S rigid cover universal trunking is recommended for traditional installation method with modular or universal supports for wiring devices.

Main benefits

- 2 sizes supplied complete: body + cover + dividers
- Arteor mechanisms can be integrated via modular supports from 2 to 6 modules
- Non-modular British standard socket outlets like Synergy, Mallia Senses, Galion, Belanko S or Eloé can be installed with the help of universal support
- The universal support for 60 mm fixing centres wiring devices allow integration of ranges like Niloé, Kaptika or Valena

DLP-S & wiring devices brochure

Available for download on
www.export.legrand.com

Rigid cover DLP-S universal trunking

trunking and accessories

RIGID COVER TRUNKING			RIGID COVER TRUNKING AND ACCESSORIES											
								FIXED ANGLES AT 90°			JUNCTION	MOUNTING WIRING ACCESSORIES		
												For 45 mm mechanisms		
Number of compartments	Cover width (mm)	Cross-section (mm)	Body + cover	Partition	Body joint	Cover joint	End cap	Internal angle	External angle	Flat angle	Flat junction	2 modules	4 modules	6 modules	Universal support for British standard wiring accessories	Universal support for 60 mm fixing centres wiring devices
	100 / 75 / 50	100 x 50	6 380 38	6 380 08	6 380 36	6 380 01	6 380 35	6 380 11	6 380 12	6 380 13	6 380 34	6 380 71	6 380 72	6 380 73	6 380 05	6 117 88
	190 / 75 / 75 / 50	190 x 50	6 380 50	6 380 08	6 380 56	6 380 01	6 380 55	6 380 51	6 380 52	6 380 53	6 380 54	6 380 71	6 380 72	6 380 73	6 380 05	6 117 88

Rigid cover DLP-S universal trunking

examples of wiring accessories

MOSAIC SOCKET OUTLETS - GERMAN STANDARD(1)				
		Standard	Red	Tamperproof
SCREW TERMINALS				
2P+E, 2 modules		0 776 01	0 776 11	0 776 21
2 x 2P+E, 4 modules		0 776 02	0 776 12	0 776 22
3 x 2P+E, 6 modules		0 776 03	0 776 13	0 776 23
4 x 2P+E, 8 modules		0 776 04	0 776 14	0 776 24

ARTEOR SOCKETS OUTLETS BRITISH STANDARD(1)			
		White	Red dedicated
2P+E, 13 A 2 modules		5 721 11	-
2 x 2P+E, switched, 13 A 3 modules		5 721 30	5 724 67

1: To be used with supports for 45 mm mechanisms Cat.Nos 6 380 71/72/73

60 MM FIXING CENTRE SOCKET OUTLETS - SCREW TERMINALS GERMAN STANDARD(2)		
	Niloé	Kaptika
White		
2P+E	7 645 39 + 6 650 01	7 821 11
2P+E, with safety shutters	7 645 29 + 6 650 01	-
60 MM FIXING CENTRES RJ 45 SOCKETS(2)		
	Niloé	Kaptika
White		
Cat. 5e UTP	7 645 71 + 6 650 01	7 821 24

2: To be used with universal support for 60 mm fixing centres wiring accessories Cat.No 6 117 88

EXAMPLES OF BRITISH STANDARD SOCKET OUTLETS(3)				
	Belanko S		Mallia Senses	
White				
	1-gang	2-gang	1-gang	2-gang
2P+E - 13A unswitched	6 176 40	6 176 45	2 811 10MW	2 811 12MW
2P+E - 13 A Single pole switched - 13 A	6 176 41	6 176 46	2 811 11MW	2 811 13MW
2P+E - 13 A Double pole switched - 13 A	6 176 43	6 176 48	2 811 16MW	2 811 17MW
EXAMPLES OF RJ 45 DATA SOCKETS(3)				
	Belanko S		Mallia Senses	
White				
	Single	Twin	Single	Twin
Cat. 5e UTP	-	-	2 811 61MW	2 811 64MW
Cat. 6 UTP	6 176 91	6 176 92	2 811 62MW	2 811 65MW

3: To be used with universal support for British standard wiring accessories Cat.No 6 380 05

Red catalogue numbers: New products

Rigid cover DLP-S universal trunking 100 x 50

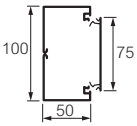
75 mm cover

Cat.Nos for trunking 100 x 50

Selection chart **p. 1084-1085**
Technical characteristics **p. 1088**

Rigid cover universal trunking

Pack	Cat.Nos	
16[1]	100 x 50 6 380 38	**1-compartment trunking** Includes: - 1 body - 1 cover width 75 mm Supplied in 6 units of 2 m length Can take : - 45 mm wiring accessories (Arteor or Mosaic) with 75 mm cover support frames (p. 1087) - British standard wiring devices (Eloé, Galion, Belanko S, Mallia Senses, Synergy) with universal support Cat.No 6 380 05 (p. 1087)
32[1]	6 380 08	**Partition** Separation partition Length 2 m
10	6 380 36	**Body joint** For aligning trunking body during installation
50	6 380 01	**Cover joint** Cover joint for 75 mm cover



Angles

Pack	Cat.Nos	
	100 x 50	**Fixed angles at 90°**
20	6 380 11	Internal angle
20	6 380 12	External angle at 90°
16	6 380 13	Flat angle at 90°

1: Number of meters in pack

End cap

Pack	Cat.Nos	
10	100 x 50 6 380 35	End cap

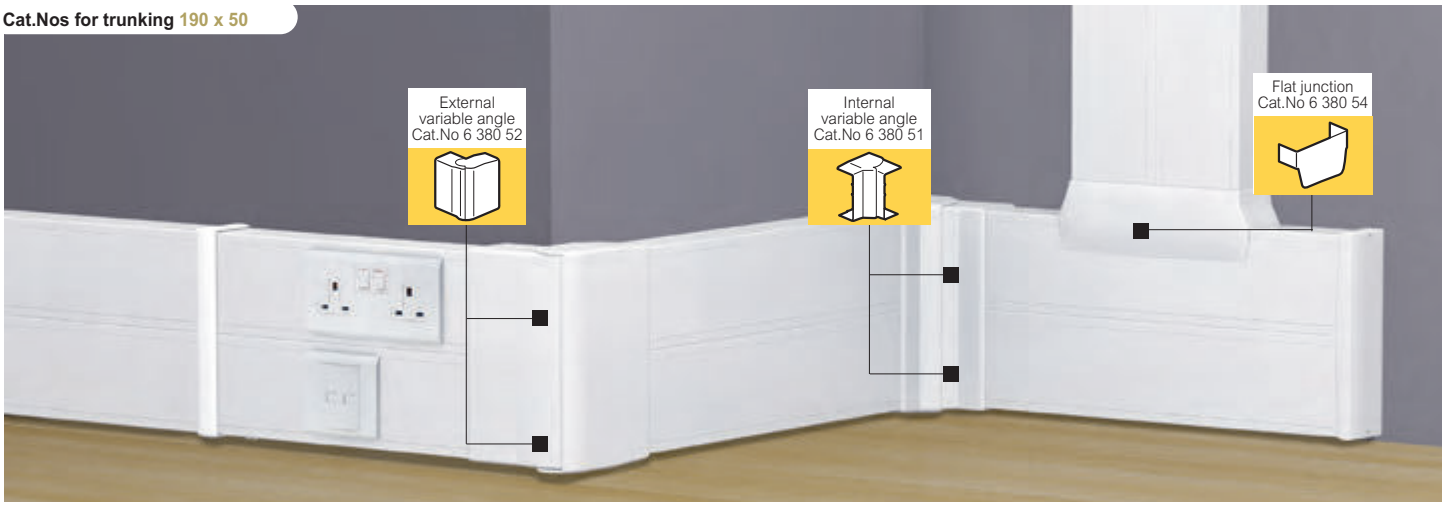
Flat junction

Pack	Cat.Nos	
5	100 x 50 6 380 34	Creates a junction between 100 x 50 mm vertical trunking and any other size of the range

Rigid cover DLP-S universal trunking 190 x 50

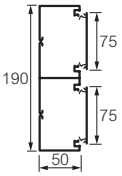
75 mm cover

Cat.Nos for trunking 190 x 50



Selection chart **p. 1084-1085**
Technical characteristics **p. 1088**

Pack	Cat.Nos	Rigid cover universal trunking
8[1]	190 x 50 6 380 50	**2-compartment trunking** Includes: - 1 body - 2 covers width 75 mm Supplied in 4 units of 2 m length Can take : - 45 mm wiring accessories (Arteor or Mosaic) with 75 mm cover support frames (p. 1087) - British standard wiring devices (Eloé, Galion, Belanko S, Mallia Senses, Synergy) with universal support Cat.No 6 380 05 (p.1087)
32[1]	6 380 08	**Partition** Separation partition Length 2 m
10	6 380 56	**Body joint** For aligning trunking body during installation
50	6 380 01	**Cover joint** Cover joint for 75 mm cover
10	190 x 50 6 380 51	**Angles** Internal angle from 80° to 120°
10	6 380 52	External angle from 60° to 120°
5	6 380 53	Flat angle at 90°
10	190 x 50 6 380 55	**End cap** End cap
5	190 x 50 6 380 54	**Flat junction** Creates a junction between 100 x 50 mm vertical trunking and any other size of the range



1: Number of meters in pack

Pack	Cat.Nos	Supports for 45 mm wiring devices
		For mounting Arteor wiring accessories Clip-on suports, which can be fitted side by side Supplied with white finishing plate For cover 75 mm width
10	6 380 71	For 2 modules
5	6 380 72	For 4 modules
5	6 380 73	For 6 modules
10	6 380 05	**Universal support** British standard wiring devices such as Belanko S, Mallia Senses or Synergy ranges For cover 75 mm width
5	6 117 88	For 60 mm fixing centres wiring devices such as Niloé, Kaptika or Mosaic ranges (equipped with support frame and plate) For cover 75 mm width

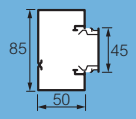
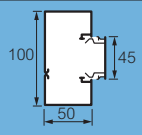
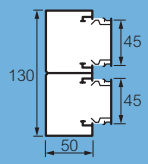
Rigid cover DLP-S snap-on and universal trunking

Technical characteristics

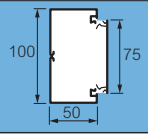
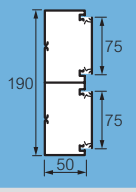
- Resistance to impact for installation and application: 2.0J
- Minimum storage and transport temperature: - 25 °C
- Minimum installation and usage temperature: - 5 °C
- Maximum application temperature: + 60 °C
- Resistance to flame propagation: Non-flame propagating
- Without electrical continuity characteristic
- With electrical insulating characteristic
- Degrees of protection: IP 40
- Rated current: 500 V
- Against mechanical shocks: IK 07

Wiring capacity

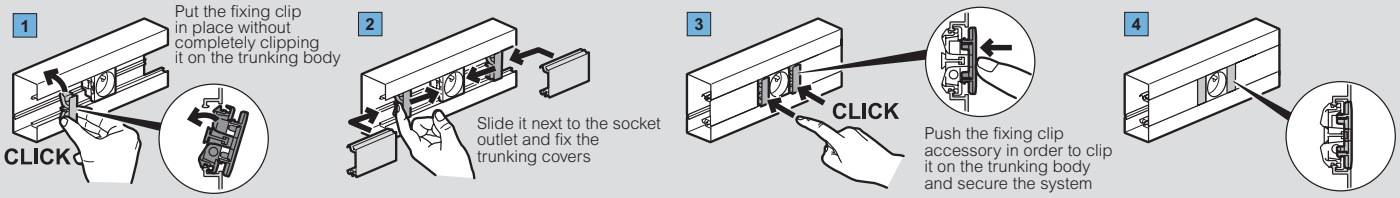
Rigid cover snap-on trunking

Dimensions	Cross-section per comp. (mm²)		Capacity	Max. number of conductors (of the same type)			Cable ∅ max. (mm)
				3 x 1.5 mm²	3 x 2.5 mm²	UTP & FTP cat. 6 (mm)	
85 x 50 Cat.No 6 380 20 	1	2940	Max.	26	19	58	36
		2092	With 2P+E socket	18	13	41	
		2618	With RJ 45 socket	23	17	52	
100 x 50 Cat.No 6 380 30 	1	4146	Max.	36	27	82	36
		2738	With 2P+E socket	24	17	54	
		3264	With RJ 45 socket	29	21	65	
130 x 50 Cat.No 6 380 40 	1	2646	Max.	23	17	52	36
		1256	With 2P+E socket	11	8	25	
		1762	With RJ 45 socket	15	11	35	
	2	2616	Max.	23	17	52	
		1206	With 2P+E socket	10	7	24	
		1732	With RJ 45 socket	15	11	34	

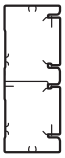
Rigid cover universal trunking

Dimensions	Cross-section per comp. (mm²)		Capacity	Max. number of conductors (of the same type)			Cable ∅ max. (mm)
				3 x 1.5 mm²	3 x 2.5 mm²	UTP & FTP cat. 6 (mm)	
100 x 50 Cat.No 6 380 38 	1	4224	Max.	47	33	172	40
190 x 50 Cat.No 6 380 50 	1 2	4017	Max.	45	29	164	40

Installation principle for fixing clip



Snap-on DLP aluminium trunking system

TRUNKING	BODY	COVER	ANGLES			ACCESSORIES						
	Body	Cover	Internal angle	External angle	Flat angle	Separation partition		End cap	Cover joint	Fixing clip		Coupling pin	Earth link
	Aluminium	Aluminium	Plastic (alu finish)			PVC	Aluminium	Plastic (alu finish)	Plastic (alu finish)	Plastic (white)	Plastic (alu finish)	-	-
50 x 85 mm	6 038 11	6 038 17	6 038 22	6 038 28	6 038 34	6 373 58	6 038 47	6 038 40	6 038 19	6 038 57	6 038 58	6 038 59	0 111 88
50 x 130 mm 	6 038 13		6 038 24	6 038 30	6 038 36			6 038 42					

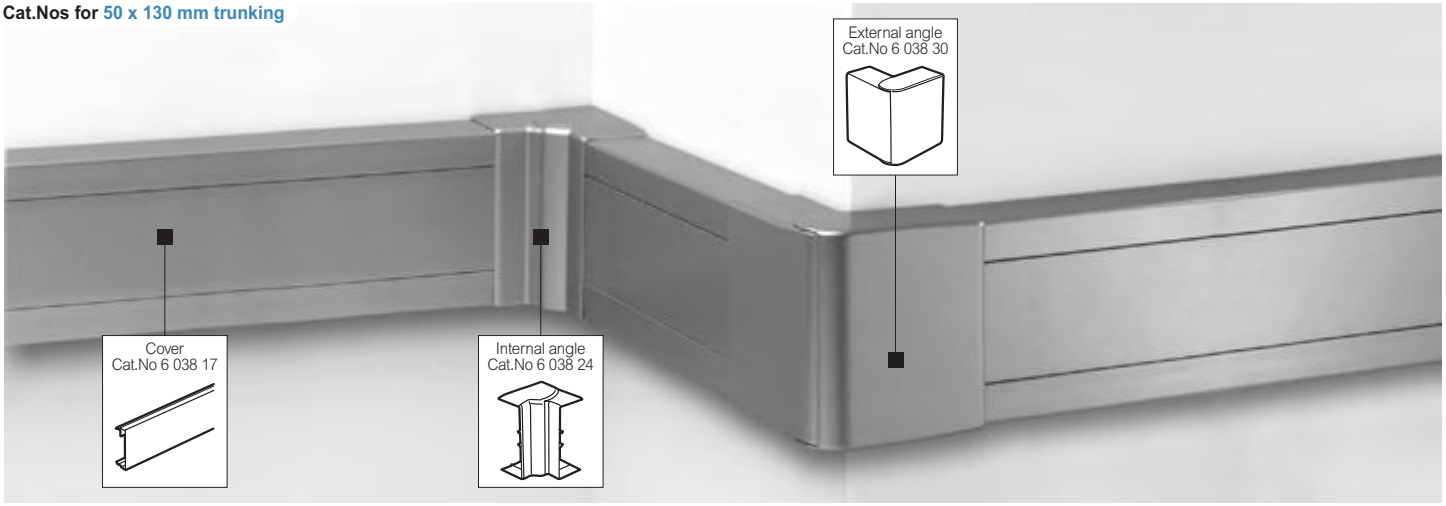
■ Coupling between two trunking sections

■ Adjustable angles (plastic) between 80° and 120°

■ Example of snap-on DLP aluminium trunking equipped with Mosaic wiring accessories

Snap-on DLP aluminium trunking system 50 x 85 and 50 x 130 mm

Cat.Nos for 50 x 130 mm trunking



Selection chart **p. 1089**

Pack	Cat.Nos 50 x 85	Cat.Nos 50 x 130	
			Snap-on trunking
24[1]	6 038 11		**1-compartment trunking** Snap-on aluminium trunking Can take any Mosaic or Arteor wiring accessory Supplied without cover Length 2 m
12[1]		6 038 13	**2-compartment trunking** Snap-on aluminium trunking Can take any Mosaic or Arteor wiring accessory Supplied without cover Length 2 m
24[1]	6 038 17		**Cover** Width 45 mm, Length 2 m
			Partitions Length 2 m
32[1]	6 373 58		PVC separation partition
32[1]	6 038 47		Aluminium separation partition
10	6 038 19		**Cover joint** Cover joint PVC Alu finish, width 45 mm
5	6 038 59		**Coupling pin** Coupling pin used to join 2 bodies
			Fixing clip
10	6 038 57		For 45 mm wiring devices like Mosaic and Arteor With anti-pullout and anti-slip system for perfect fitting of the mechansims on DLP-S and DLP aluminium snap-on trunking and snap-on columns and mini-columns White finish
10	6 038 58		Aluminium finish

1: Number of metres in pack

Pack	Cat.Nos 50 x 85	Cat.Nos 50 x 130	
			Angles
10 I 8	6 038 22	6 038 24	Internal angle, varies from 80° to 120°
10 I 8	6 038 28	6 038 30	External angle, varies from 80° to 120°
10 I 4	6 038 34	6 038 36	Flat angle for 50 x 85 mm trunking, at 90°
			End caps
10	6 038 40	6 038 42	Left or right end cap
			Cabling accessory
20	0 111 88		Earth link

Aluminium universal DLP trunking system

Nber of compart.	Cover width (mm)	Size (mm)	TRUNKINGS AND FITTINGS: Body	Rigid covers	Separation partitions	Division partition	End cap	Flat angle	External angle	Internal angle	Flat junction	Body joint	Cover joint
1	65	50 x 105	0 111 14	0 111 10	0 111 08	-	0 111 15	0 112 42	0 112 31	0 112 20	0 112 50	0 111 91	0 111 62
	85	50 x 105	0 111 00	0 111 11	0 111 08	-	0 111 58	0 112 43	0 112 32	0 112 21	0 112 51	0 111 66 + 0 111 92	0 111 63
	85	65 x 105	0 111 01	0 111 11	0 111 09	-	0 111 59	0 112 44	0 112 33	0 112 22	0 112 53	0 111 66 + 0 111 92	0 111 63
2	65 65	50 x 150	0 111 02	2 x 0 111 10	0 111 08	0 111 06	0 111 60	0 112 45	0 112 38	0 112 27	0 112 51	0 111 66 + 0 111 92	0 111 62
	65 65	65 x 150	0 111 03	2 x 0 111 10	0 111 09	0 111 07	0 111 89	0 112 46	0 112 39	0 112 28	0 112 53	0 111 66 + 0 111 92	0 111 62
	85 85	50 x 195	0 111 04	2 x 0 111 11	0 111 08	0 111 06	0 111 61	0 112 47	0 112 40	0 112 29	0 112 51	0 111 66 + 0 111 92	0 111 63

Aluminium adaptable DLP trunking system

mounting of wiring accessories

MOSAIC AND ARTEOR SUPPORTS - ALUMINIUM	Cover width 65 mm	Cover width 85 mm
2 modules	0 112 02	0 112 12
3 modules	0 112 03	0 112 13
4 modules	0 112 04	0 112 14
6 modules	0 112 06	0 112 16
8 modules	0 112 08	0 112 18

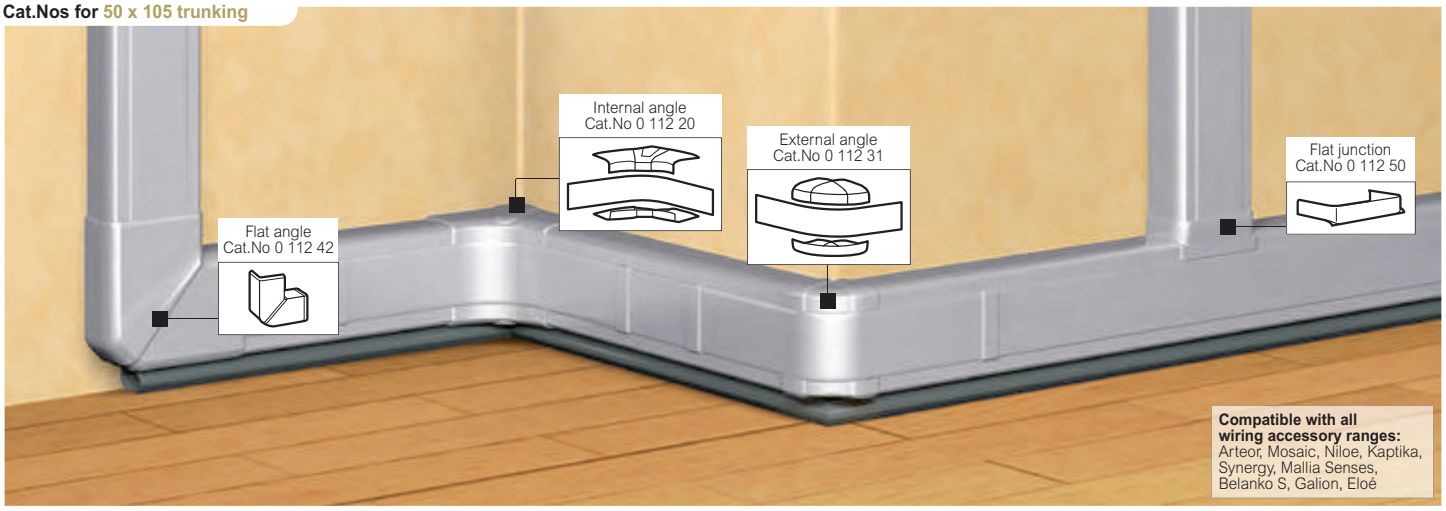
UNIVERSAL SUPPORTS FOR 60 mm FIXING CENTRES WIRING ACCESSORIES (Niloé)	Cover width 85 mm
1 gang	0 111 67
2 gang	0 111 68
3 gang	0 111 69
4 gang	0 111 70

MOSAIC SOCKET OUTLETS - GERMAN STANDARD Aluminium	Standard	Tamperproof
2 x 2P+E, 4 modules	0 792 82	0 774 22
3 x 2P+E, 6 modules	0 792 83	0 774 23

MOSAIC RJ 45 SOCKETS Aluminium		UTP	FTP	STP
1 RJ 45 cat. 6_A	1 mod.	0 794 71	-	0 794 73
	2 mod.	0 794 74	-	0 794 76
1 RJ 45 cat. 6	1 mod.	0 794 61	0 794 62	-
	2 mod.	0 794 64	0 794 65	-
1 RJ 45 cat. 5e	1 mod.	0 794 51	0 794 52	-
	2 mod.	0 794 54	0 794 55	-

Aluminium universal DLP trunking system
50 x 105 / 65 x 105

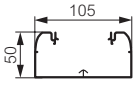
Cat.Nos for 50 x 105 trunking



Selection chart **p. 1091**
Technical characteristics **p. 1095**

Body

Pack	Cat.Nos	
8[1]	50 x 105 0 111 14	Supplied without cover Length 2 m Cover 65 mm width



Cover and partition

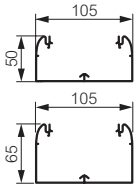
16[1]	0 111 10	Full rigid cover 65 mm width
24[1]	0 111 08	Separation partition

Finishing accessories

20	50 x 105 0 111 15	End cap
10	0 112 42	Flat angle
1	0 112 31	External angle
1	0 112 20	Internal angle
5	0 112 50	Flat junction
20	0 111 91	Body joint
10	0 111 62	Cover joint for 65 mm cover

Bodies

Pack	Cat.Nos	
8[1]	50 x 105 0 111 00 65 x 105 0 111 01	Supplied without cover length 2 m Cover 85 mm width



Cover and partition

16[1]	0 111 11	Full rigid cover 85 mm width
24[1]	50 x 105 0 111 08 65 x 105 0 111 09	Separation partition

Finishing accessories

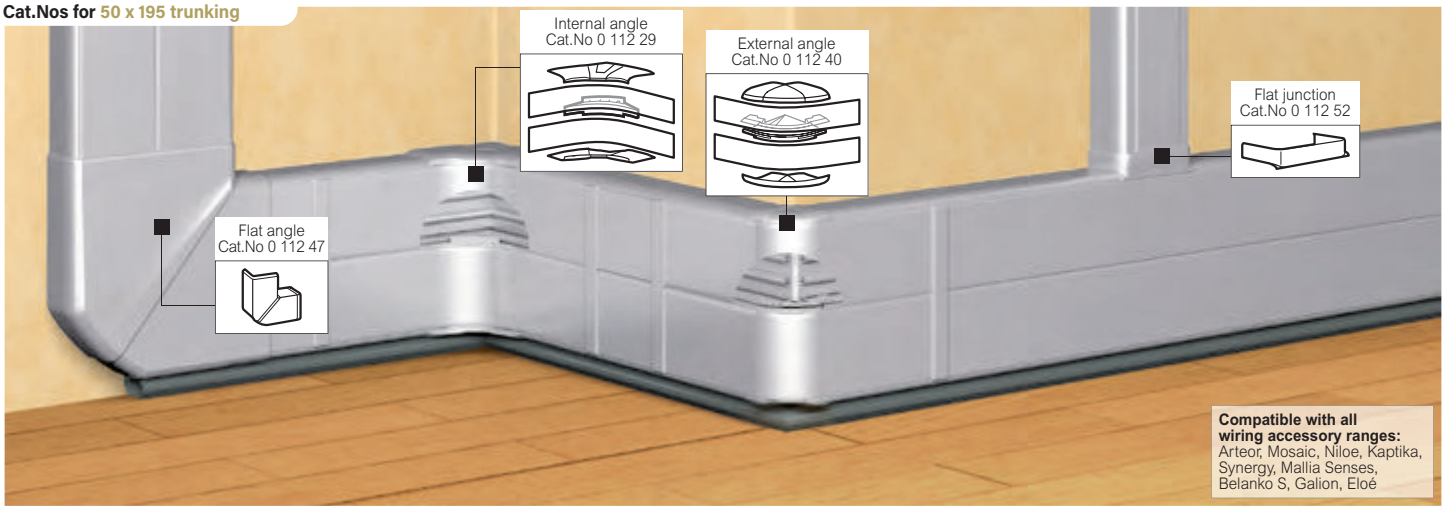
20 | 10	50 x 105 0 111 58 65 x 105 0 111 59	End cap
10	0 112 43 0 112 44	Flat angle
1	0 112 32 0 112 33	External angle
1	0 112 21 0 112 22	Internal angle
5	0 112 52 0 112 54	Flat junction For 50 x 105 trunking, cover width 65 mm
5	0 112 51 0 112 53	Flat junction For 50 x 105 trunking, cover width 85 mm
20	0 111 66	Body joint attached with adhesive (fit at the end of installation)
20	0 111 92	For aligning bases during installation
10	0 111 63	Cover joint for 85 mm cover

1: Number of metres in pack

GWO6 steel trunking system,
please consult us

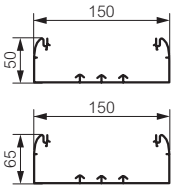
Aluminium universal DLP trunking system
50 x 150 / 65 x 150 and 50 x 195

Cat.Nos for 50 x 195 trunking



Selection chart **p. 1091**
Technical characteristics **p. 1095**

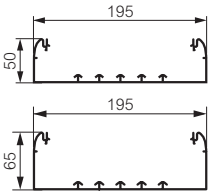
Pack	Cat.Nos 50 x 150	Cat.Nos 65 x 150	Bodies
4[1]	0 111 02	0 111 03	Supplied without cover Allow fitting of partial covers length 2 m



Pack	Cat.Nos	Covers and partitions
16[1]	0 111 10	Partial rigid cover 65 mm width
8[1]	0 111 12	Full rigid cover 130 mm width
	50 x 150 / 65 x 150	
12[1]	0 111 06 / 0 111 07	Division partition for cover 65 mm width
24[1]	0 111 08 / 0 111 09	Separation partition

Pack	Cat.Nos 50 x 150	Cat.Nos 65 x 150	Finishing accessories
10	0 111 60	0 111 89	End cap
5 | 2	0 112 45	0 112 46	Flat angle
1	0 112 38	0 112 39	External angle
1	0 112 27	0 112 28	Internal angle
5	0 112 52	0 112 54	Flat junction 50 x 105 trunking, cover width 65 mm
5	0 112 51	0 112 53	Flat junction 50 x 105 trunking, cover width 85 mm
20	0 111 66		Body joint attached with adhesive (fit at the end of installation)
20	0 111 92		For aligning bases during installation
10	0 111 62		Cover joint for 65 mm cover

Pack	Cat.Nos 50 x 195	Bodies
4[1]	0 111 04	Supplied without cover Allow fitting of partial covers length 2 m



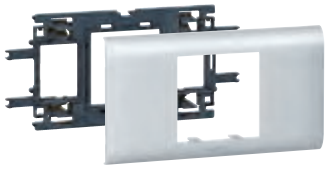
Pack	Cat.Nos 50 x 195	Covers and partitions
16[1]	0 111 11	Partial rigid cover 85 mm width
24[1]	0 111 08	Separation partition
12[1]	0 111 06	Division partition for cover 85 mm width

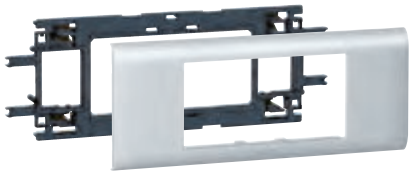
Pack	Cat.Nos 50 x 195	Finishing accessories
10 | 5	0 111 61	End cap
2	0 112 47	Flat angle
1	0 112 40	External angle
1	0 112 29	Internal angle
5	0 112 52	Flat junction 50 x 105 trunking, cover width 65 mm
5	0 112 51	Flat junction 50 x 105 trunking, cover width 85 mm
20	0 111 66	Body joint attached with adhesive (fit at the end of installation)
20	0 111 92	For aligning bases during installation
10	0 111 63	Cover joint for 85 mm cover

1: Number of metres in pack

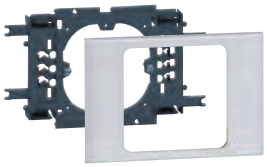
Aluminium universal DLP trunking system

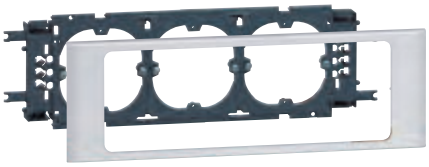
supports for wiring accessories


0 112 02

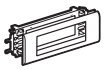
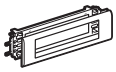
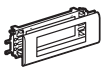
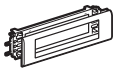

0 112 04

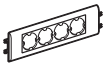
0 112 08


0 111 67


0 111 69

0 106 82

Pack	Cat.Nos	Supports for Mosaic and Arteor wiring accessories	
		For 65 mm width covers	
20	0 112 02		2 modules
20	0 112 03		3 modules
20	0 112 04		4 modules
10	0 112 06		6 modules
10	0 112 08		8 modules
		For 85 mm width covers	
20	0 112 12		2 modules
20	0 112 13		3 modules
20	0 112 14		4 modules
10	0 112 16		6 modules
10	0 112 18		8 modules

Pack	Cat.Nos	Supports for 60 mm fixing centres wiring accessories	
		For 85 mm width covers	
10	0 111 67		1 gang
5	0 111 68		2 gang
5	0 111 69		3 gang
5	0 111 70		4 gang
		Cabling accessories	
50	0 106 82		Clip for 40, 65 and 85 mm covers
50	0 106 86		Clip for 130 and 180 mm covers
20	0 111 88		Earth link
100	0 308 81		Base for cable ties
		Mounting of Synergy, Mallia Senses, Belanko S, Galion and Eloé wiring accessories	
		Back boxes for mounting British standard wiring accessories on 85 mm cover	
		Depth 25 mm	
5	6 208 16		1 gang
5	6 208 17		2 gang
		Depth 35 mm	
5	6 208 26		1 gang
5	6 208 27		2 gang

Aluminium universal DLP trunking system

technical characteristics

Conform to NF EN 50085-2-1

The aluminium trunking range is classified under Type 1 in the NF EN 50085-2-1 and IEC 61084-2-1standard

Compositions and functions of aluminium DLP trunking systems (1 system per line)

Number of compartments	Size (mm)	Cover width (mm)	Bodies	Division partitions	Separation partitions	Height spacer	Earth link	Cross-section (mm²)
	50 x 105	1 x 65	0 111 14	-	-	0 105 80	0 111 88	4380
	50 x 105	1 x 85	0 111 00	-	0 111 08	0 105 80	0 111 88	4300
	65 x 105	1 x 85	0 111 01	-	0 111 09	0 105 80	0 111 88	5740
	50 x 150	2 x 65 or 1 x 130	0 111 02	0 111 06	0 111 08	0 105 80	0 111 88	2930 + 2930
	65 x 150	2 x 65 or 1 x 130	0 111 03	0 111 07	0 111 09	0 105 80	0 111 88	8200
	50 x 195	2 x 85	0 111 04	0 111 06	0 111 08	0 105 80	0 111 88	3940 + 3940

Wiring capacity

65 mm cover aluminium DLP trunking

Size (mm)	Number of compartments	Cover width (mm)	Cross-section (mm²)	Capacity	Ø max	Maximum wiring capacity (for one specific conductor type)						
						1.5 mm²	2.5 mm²	4 mm²	6 mm²	3 x 1.5 mm²	3 x 2.5 mm²	Cat.6 UTP and FTP
50 x 105 **Cat.No 0 111 14**	1 compartment	65	4380	Max.	2 x 36	265	196	172	127	38	28	87
			2830	With Mosaic/Arteor supports	2 x 26	171	127	111	82	25	18	56
50 x 150 **Cat.No 0 111 02**	1 or 2 compartments	65	2930	Max.	42	177	131	115	85	26	19	58
			1380	With Mosaic/Arteor supports	18	83	62	54	40	12	9	27
		65	2930	Max.	42	177	131	115	85	26	19	58
			1380	With Mosaic/Arteor supports	18	83	62	54	40	12	9	27
65 x 150 **Cat.No 0 111 03**	1 or 2 compartments	65	4080	Max.	51	240	178	156	115	35	25	79
			2530	With Mosaic/Arteor supports	30	146	108	95	70	21	15	48
		65	4080	Max.	2 x 55	240	178	156	115	35	25	79
			2530	With Mosaic/Arteor supports	30	146	108	95	70	21	15	48

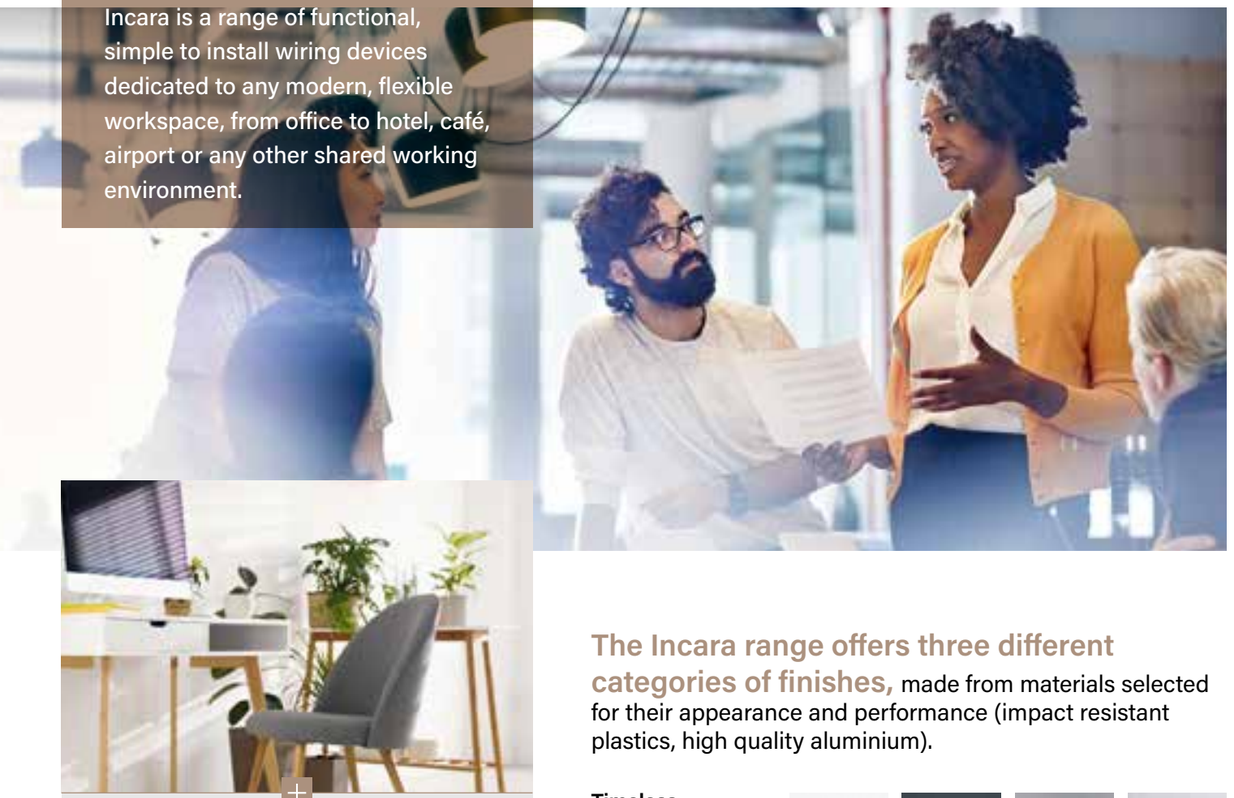
85 mm cover aluminium DLP trunking

Size (mm)	Number of compartments	Cover width (mm)	Cross-section (mm²)	Capacity	Ø max	Maximum wiring capacity (for one specific conductor type)						
						1.5 mm²	2.5 mm²	4 mm²	6 mm²	3 x 1.5 mm²	3 x 2.5 mm²	Cat.6 UTP and FTP
50 x 105 **Cat.No 0 111 00**	1 compartment	85	4300	Max.	42	260	193	169	125	38	28	85
			2270	With Mosaic/Arteor supports	2 x 24	137	102	89	66	20	14	45
			1640	Max.	2 x 16	99	73	64	66	20	14	45
			2430	With Mosaic/Arteor supports	2 x 21	147	109	95	70	21	15	48
65 x 105 **Cat.No 0 111 01**	1 compartment	85	5740	Max.	55	348	258	226	167	51	37	114
			3710	With Mosaic/Arteor supports	2 x 29	224	166	146	108	33	24	74
			5740	Max.	55	348	258	226	167	51	37	114
			3710	With Mosaic/Arteor supports	2 x 29	224	166	146	108	33	24	74
50 x 195 **Cat.No 0 111 04**	2 compartments	85	3940	Max.	42	238	177	155	114	35	25	78
			1910	With Mosaic/Arteor supports	26	115	85	75	55	16	12	38
			1280	Max.	18	77	57	50	37	11	8	25
			2070	With Mosaic/Arteor supports	24	125	93	81	60	18	13	41
		85	3940	Max.	42	238	177	155	114	35	25	78
			1910	With Mosaic/Arteor supports	26	115	85	75	55	16	12	38
			1280	Max.	18	77	57	50	37	11	8	25
			2070	With Mosaic/Arteor supports	24	125	93	81	60	18	13	41

INTEGRATED SOLUTIONS FOR FURNITURE

Incara™, multifunctional and ergonomic solutions!

Incara is a range of functional, simple to install wiring devices dedicated to any modern, flexible workspace, from office to hotel, café, airport or any other shared working environment.



THE CONFIGURATION AND CUSTOMISATION OPTIONS
available with the Incara range mean that it can be adapted to any environment or application, meeting your most challenging requirements.
To know more, please contact us

INCARA RANGE IS AVAILABLE IN PCON SOFTWARE
If you have a project to fit out an office or incorporate electrical accessories into office furniture and you are a professional working in the office furniture sector, you can access the Legrand catalogue and configure all the Incara products easily yourself!

The Incara range offers three different categories of finishes, made from materials selected for their appearance and performance (impact resistant plastics, high quality aluminium).

Timeless
Firm favourites with universal appeal

White | Black | Stainless steel | Aluminium

Colours
Available on request (selection possible in pCon software)

Silk blue | Ginger orange | Rose | Leaf green

Materials
High-quality materials in line with the latest trends

Oak | Concrete

3 categories of finishes

Incara™ Disq 60 and Disq 80
Recharge anywhere, at any time

- Adapt to any environment offering a power socket and/or a USB charger
- Combine essential functions in a single place

German & British standard offer
See p. 1098-1099 & 1116-1117

Incara™ Disq'In
Elegance and speed of installation

- Enhances your work space or your meeting room
- Users are provided with the essential functions to power their mobile devices

German standard offer
See p. 1103

Need a similar, totally modular solution?
Discover Incara™ Multilink
See p. 1106

Incara™ Flip-up
The premium solution for meeting rooms

- Elegant and crisp appearance
- Sockets fit discreetly under its cover, even with your devices plugged in

German & British standard offer
See p. 1106 & 1120

Need a similar solution to be equipped?
Discover Incara™ Top Access
See p. 1109 & 1120

Incara™ Pop-up
Attractive appearance and easy to use

- Quick connection for mobile devices (laptops, smartphones, tablets...)
- Users have a choice of both power and data connections within easy reach

German & British standard offer
See p. 1103 & 1118

Incara™ Electr'On
Unique design for unique environments

- Multiple finishes and accessories
- Perfect for use in an office or workspace

reddot winner 2022

German & British standard offer
See p. 1111 & 1123

Incara™ Link'On
Mobile and scalable

- Compact, ready-to-use, mobile solution
- Can supply up to 6 users with power directly on the meeting table

German & British standard offer
See p. 1114 & 1124

Incara™ Disq 60 - German standard

for offices and collaborative spaces

6 547 27F

6 547 25F

6 547 28

6 547 28 with cover open

6 547 32

6 547 30

6 547 31

Technical characteristics **p. 1100**

For flush-mounting in furniture in Ø60 mm cut-out
Three methods of installation:
- Flush-mounting in the furniture (desk), 6-40 mm thickness
- Flush-mounting on a soft surface (armchair, sofa) using a dedicated accessory
- Flush-mounting on a metal panel, 1 mm thickness (locker)

Pack	Cat.Nos	2P+E flush sockets
		16 A 250 V~ 50/60 Hz Sockets specially designed for passageways (30,000 operations) and equipped with safety shutters Conform to standard IEC 60884-1
		With 0.5 m cord and GST18i3 Wieland connector
1	6 547 27F	Metal finish
1	6 547 25F	White finish
1	6 547 26F	Black finish
		With 2 m cord and 2P+E plug
1	6 547 27	Metal finish
1	6 547 25	White finish
1	6 547 26	Black finish

Pack	Cat.Nos	2P+E flush sockets with metal cover
		16 A 250 V~ 50/60 Hz Sockets specially designed for passageways (30,000 operations), equipped with safety shutters Conform to standard IEC 60884-1 Swivel cover For protection and a neat and stylish appearance
		With 0.5 m cord and GST18i3 Wieland connector
1	6 547 28F	Metal cover
		With 2 m cord and 2P+E plug
1	6 547 28	Metal cover

Pack	Cat.Nos	15 W USB Type-A + Type-C chargers
		Power supply: 110-240 V~ 50/60 Hz Conform to standard IEC 62368-1
		With 0.5 m cord and GST18i3 Wieland connector
1	6 547 32F	Metal finish
1	6 547 30F	White finish
1	6 547 31F	Black finish
		With 2 m cord and 2P+E plug
1	6 547 32	Metal finish
1	6 547 30	White finish
1	6 547 31	Black finish

Pack	Cat.Nos	15 W USB Type-A + Type-C chargers with cover
		Power supply: 110-240 V~ 50/60 Hz Conform to standard IEC 62368-1 Swivel cover for protection and a neat and stylish appearance
		With 0.5 m cord and GST18i3 Wieland connector
1	6 547 33F	Metal cover
		With 2 m cord and 2P+E plug
1	6 547 33	Metal cover

Pack	Cat.Nos	Accessory for installing in a soft surface
15	6 547 39	For strengthening the fabric cover to provide stability for the product

Pack	Cat.Nos	Wieland accessories
		Combined Wieland GST18i3 connector/2P+E plug cord
1	6 549 86	Length 2 m
1	6 549 87	Length 3 m
		Protective casing
1	6 547 99	For Wieland GST18i3 connectors

Other configurations, socket standards and finishes available on request or via the pCon software

Red catalogue numbers: New products

Incara™ Disq 80 - German standard

for offices and collaborative spaces

6 547 12

6 547 10

6 547 11

6 547 13

6 547 13 with cover open

6 547 16F

6 547 14F

6 547 15F

Technical characteristics **p. 1100**

For flush-mounting in furniture, 1-40 mm thickness, in Ø79 mm cut-out
RJ 45 socket: feedthrough socket
2P+E sockets conforming to standard IEC 60884-1
USB chargers conforming to standard IEC 62368-1

Pack	Cat.Nos	**2P+E flush socket + 15 W USB Type-A + Type-C charger + RJ 45 cat. 6 UTP socket**
		2P+E sockets: 16 A 250 V~ 50/60 Hz USB chargers: 110/240 V~ 50/60 Hz power supply Sockets specially designed for passageways (30,000 operations), equipped with safety shutters
		With 0.5 m cord and GST18i3 Wieland connector
1	6 547 12F	Metal finish
1	6 547 10F	White finish
1	6 547 11F	Black finish
		With 2 m cord and 2P+E plug
1	6 547 12	Metal finish
1	6 547 10	White finish
1	6 547 11	Black finish

Pack	Cat.Nos	**2P+E flush socket + 15 W USB Type-A + Type-C charger + RJ 45 cat. 6 UTP socket with cover**
		2P+E sockets: 16 A 250 V~ 50/60 Hz USB chargers: 110/240 V~ 50/60 Hz power supply Sockets specially designed for passageways (30,000 operations) and equipped with safety shutters Swivel cover for protection and a neat and stylish appearance
		With 0.5 m cord and GST18i3 Wieland connector
1	6 547 13F	Metal cover
		With 2 m cord and 2P+E plug
1	6 547 13	Metal cover

Pack	Cat.Nos	**2P+E flush socket + 15 W USB Type-A + Type-C charger + cable outlet**
		2P+E sockets: 16 A 250 V~ 50/60 Hz USB chargers: 110/220 V~ 50/60 Hz power supply Sockets specially designed for passageways (30,000 operations), equipped with safety shutters
		With 0.5 m cord and GST18i3 Wieland connector
1	6 547 16F	Metal finish
1	6 547 14F	White finish
1	6 547 15F	Black finish
		With 2 m cord and 2P+E plug
1	6 547 16	Metal finish
1	6 547 14	White finish
1	6 547 15	Black finish

Pack	Cat.Nos	**Wieland accessories**
		Combined Wieland GST18i3 connector/2P+E plug cord
1	6 549 86	Length 2 m
1	6 549 87	Length 3 m
		Protective casing
1	6 547 99	For Wieland GST18i3 connectors

Other configurations, socket standards and finishes available on request or via the pCon software

Red catalogue numbers: New products

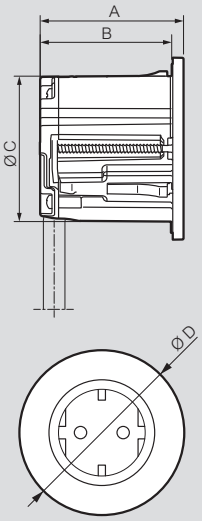
Incara™ Disq 60 - German standard

technical characteristics

Dimensions (mm)

Incara Disq 60 without cover

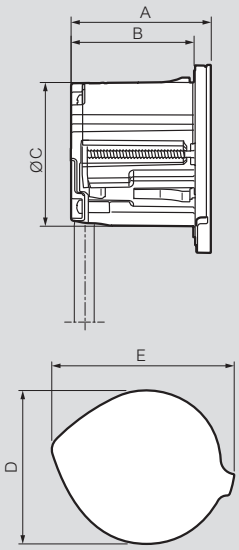
Cat.Nos 6 547 25/25F/26/26F/27/27F/30/30F/31/31F/32/32F



A	B	C	D
54.5	50	59	74

Incara Disq 60 with cover

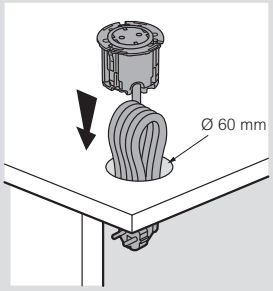
Cat.Nos 6 547 28/28F/33/33F



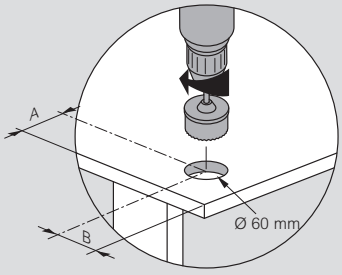
A	B	C	D	E
57	50	59	77	91

Positioning

Installing in office furniture

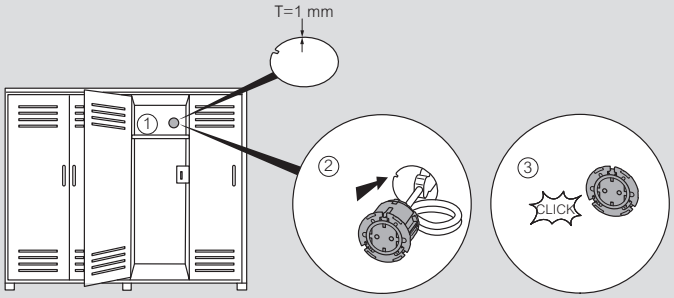


Drilling dimensions

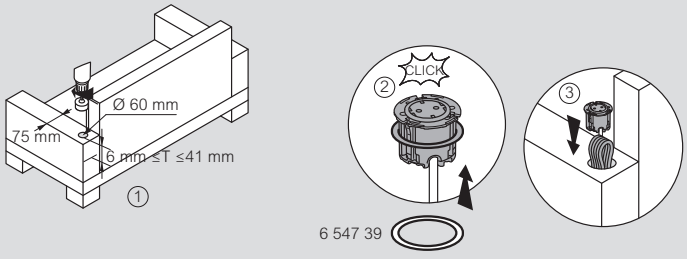


	A > 95	B > 95
	A > 125	B > 95

Installing in metal furniture such as a locker



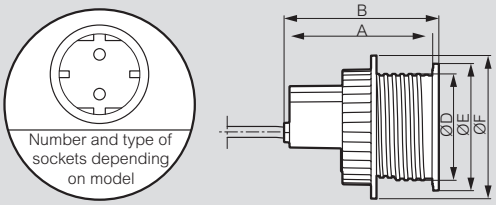
Installing in a sofa



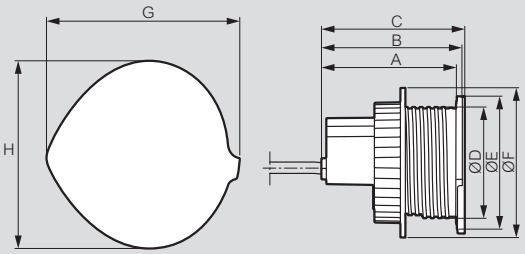
Incara™ Disq 80 - German standard

technical characteristics

Dimensions (mm)



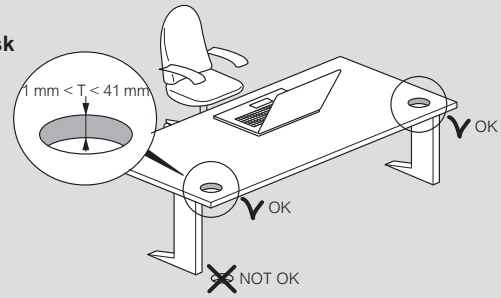
Cat.Nos	A	B	C	D	E	F
6 547 10/10F/11/11F/12/12F	109	113	-	78	93	105
6 547 14/14F/15/15F/16/16F			115			



Cat.Nos	A	B	C	D	E	E	F	G	H
6 547 13/13F	109	113	116	78	93	105	105	114	96

Positioning

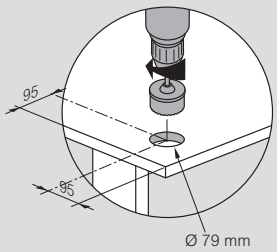
Installing in a desk



Drilling dimensions

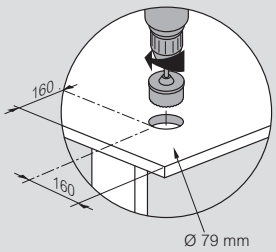
Incara Disq 80 without cover

Cat.Nos 6 547 10/10F/11/11F/12/12F/14/14F/15/15F/16/16F

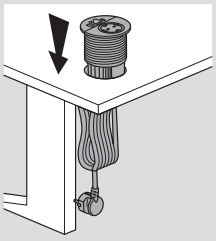


Incara Disq 80 with cover

Cat.Nos 6 547 13/13F



Insertion



Incara™ Disq 80 Qi

for offices and collaborative spaces

N

0 776 40L supplied with sticker

Technical characteristics **p. 1102**

Wireless charger for fast charging a smartphone with a Qi receiver
Standby power consumption < 0.07W
Energy efficiency > 85%
Conforms to the WPC (Wireless Power Consortium) Qi standard
Conforms to standard EN 62479 (EMF emissions)
Conforms to ICNIRP specifications (health protection)
Does not interfere with other wireless signals (Zigbee, DTT, GSM, 4G, etc.)

Pack	Cat.Nos	Ready to install wireless charger
		Specially designed for mounting horizontally on furniture in passageways or transit areas, offices or kitchen surfaces, etc. IP 44 - IK08 - Class II SELV Equipped with an 8 cm² induction antenna for fast smartphone charging 80 mm diameter cut-out using hole saw Cat.No 0 885 08, inlaid diameter 85 mm, extra-slim with thickness < 1.5 mm Charger locks under furniture with a butterfly nut WPC Qi certified Aluminium colour
1	0 776 40L	**Complete kit with 1 charger for furniture Ø80 (plug)** 1 x 15 W charger with 1 x 25 W power supply Power supply equipped with a 2.5 m cord 2P European plug (also available with plug conforming to US, BS, Australia or China standards; please consult us) Supplied with the following accessories: - 2.5 m RJ 45 cable - Adhesive bases and cable ties for attaching cables - Sticker Ø85-110 for identification purposes in public areas
1	0 776 45L	**Complete kit with 4 chargers for furniture Ø80 (cable)** 4 x 15 W chargers with 1 x 100 W power supply Power supply 2 x 2.5 mm² for cable connection Provides several power supplies on a single line Supplied with 4 x 1 m RJ 45 cables and associated accessories Charger wired in star or series connection Plug & Play
1	0 776 46L	**Complete kit with 4 chargers for furniture Ø80 (plug)** 4 x 15 W chargers with 1 x 100 W power supply Power supply equipped with a 2.5 m cord 2P European plug (also available with plug conforming to US, BS, Australia or China standards; please consult us) Supplied with 4 x 1 m RJ 45 cables and associated accessories Charger wired in star or series connection Plug & Play

Pack	Cat.Nos	Chargers for customer assembly
		15 W wireless chargers (IP 44, IK08) Single unit with power supply Cat.No 0 776 38L Multiple units with power supply/supplies Cat.No 0 776 39L Option to print a custom logo
1	0 776 42L	○ White
1	0 776 43L	● Black
1	0 776 41L	● Aluminium

Pack	Cat.Nos	Movable power supplies for wireless chargers
1	0 776 38L	25 W power supply with 2P plug and RJ 45 cable
1	0 776 39L	100 W power supply, 2 x 2.5 mm², tap-off possible Supplied with 4 x 1 m RJ 45 cables Charger wired in star or series connection Plug & Play

Arteor™

wireless power charger

0 776 99L

Wireless power charger for fast charging a smartphone with a QI receiver
Power supply standby mode consumption < 0.07%
Conform to the QI WPC standard (Wireless Power Consortium): certified for professional QI 1.2.3 projects
Conform to EN 62479 standard (EMF emissions)
Conform to ICNIRP specifications (health protection)
Do not interfere with other wireless signals (Zigbee, TNT, GSM, 4G, etc)

Pack	Cat.Nos	Flush-mounted wireless charger - for public area
1	0 776 99L	2 A - 5 V/10 W wireless charger Specially designed for public buildings, passageways or transit areas, swimming pools, etc. IK 08 - IP 66 - Class II SELV Comes with 2 induction antennae for fast smartphone charging Recognition area: 50 x 80 mm Plate at an angle of 10° with non-slip coating to hold the terminal safely in place during charging Screws onto flush-mounting box with 60 mm fixing centres, min. depth 40 mm, French, German or British standard Can also be fixed at 4 points Can be mounted on rectangular boxes and outdoors 110/230 VA Phase + Neutral power supply Mechanism supplied with cover plate, attached with 2 Torx screws at the side Aluminium colour Dimensions: 141 x 95 x 51 mm 2 x 2.5 mm² terminals

Arteor™

wireless power charger

Wireless power charging

A Legrand innovation for fast, easy charging

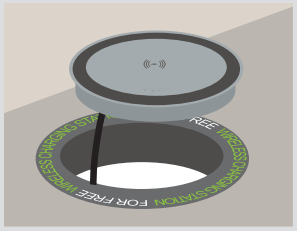
Using wireless energy transfer
No need for cords and connectors

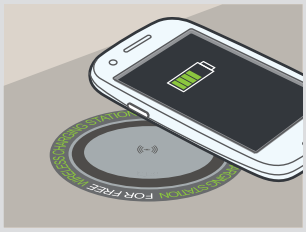
An open international standard:

Wireless Power Consortium: 750 members, ensuring interoperability with induction-compatible phones
QI: global standard adopted by vehicle manufacturers and cafés/ hotels/restaurants
Products certified for professional QI 1.2.3 projects

Ergonomically designed to suit different environments

Horizontal charging on furniture (p. 1101)

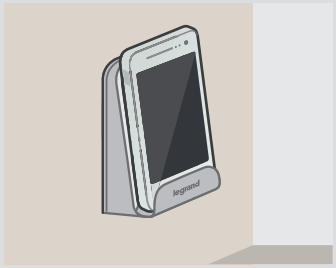




Insertion in an 80 mm diameter cut-out / Fixed into furniture
External power supply with 2.5 m cord

Vertical charging on a wall in public areas (semi-flush-mounted)

Ideal for indoor or outdoor locations



Excellent resistance to impacts (IK 08) and adverse weather conditions (IP 66)
Can be fixed directly on the flush-mounting box or for extra strength drilled with anchor bolts

Incara™ Disq'In - German standard

for offices and meeting rooms

6 547 46

6 547 47 + plate Cat.No 6 547 60

6 547 48

6 547 51 + plate Cat.No 6 547 63

6 547 63

Technical characteristics **p. 1104**

For flush-mounting in furniture, compatible desktop thickness 15 to 40 mm
Dimensions optimised by remote terminal blocks
2 m cord with 2P+E plug
HDMI sockets: feedthrough sockets
Snap-on fixing via retractable claws

Pack	Cat.Nos	Incara Disq'In
		2P+E sockets 16 A 250 V~ equipped with safety shutters, conforming to standard IEC 60884-1 USB chargers: 110/240 V~ 50/60 Hz power supply, conforming to standard IEC 62368-1 With 2 m cord and 2P+E plug Finishing plate to be ordered separately
		2-gang Composition: - 1 x 2P+E flush socket - 1 x 15 W USB Type-A + Type-C charger
1	6 547 46	○ White wiring accessories
1	6 547 49	● Black wiring accessories
		3-gang Composition: - 2 x 2P+E flush sockets - 1 x 15 W USB Type-A + Type-C charger
1	6 547 47	○ White wiring accessories
1	6 547 50	● Black wiring accessories
		4-gang Composition: - 2 x 2P+E flush sockets - 1 x HDMI socket - 1 x 15 W USB Type-A + Type-C charger
1	6 547 48	○ White wiring accessories
1	6 547 51	● Black wiring accessories

		Incara Disq'In finishing plates
		Metal
		2-gang
1	6 547 55	◐ Metal
1	6 547 56	○ White
1	6 547 57	● Black
		3-gang
1	6 547 59	◐ Metal
1	6 547 60	○ White
1	6 547 61	● Black
		4-gang
1	6 547 63	◐ Metal
1	6 547 64	○ White
1	6 547 65	● Black

Incara™ Pop-up - German standard

for offices and meeting rooms

6 548 01

6 548 02

6 548 22

6 548 24

Technical characteristics **p. 1105**

For flush-mounting in furniture, compatible desktop thickness 15 to 40 mm
Metal. Protective film

Pack	Cat.Nos	Incara Pop-up to be equipped
		To be equipped with Mosaic functions
		4 modules
1	6 548 00	◐ Brushed Aluminium
1	6 548 01	○ White
1	6 548 02	● Black
1	6 548 03	◐ Aluminium
1	6 548 12	◐ Brushed Aluminium (IP 44)
		2 x 4 modules
1	6 548 04	◐ Brushed Aluminium
1	6 548 05	○ White
1	6 548 06	● Black
1	6 548 07	◐ Aluminium
		8 modules
1	6 548 08	◐ Brushed Aluminium
1	6 548 09	○ White
1	6 548 10	● Black
1	6 548 11	◐ Aluminium

		Incara Pop-up pre-equipped
		2P+E sockets 16 A 250 V~ equipped with safety shutters, conforming to standard IEC 60884-1 USB chargers: 110/240 V~ 50/60 Hz power supply, conforming to standard IEC 62368-1 With 2 m cord and 2P+E plug
		4 modules
1	6 548 28	Composition: 1 x 2P+E socket + 1 x USB Type-C 30 W Power Delivery charger ◐ Brushed Aluminium
1	6 548 22	Composition: 1 x 2P+E flush socket + 1 x 15 W USB Type-A + Type-C charger ◐ Brushed Aluminium
1	6 548 23	Composition: 1 x 2P+E flush socket + 1 x 15 W USB Type-A + Type-C charger ○ White
		2 x 4 modules
		Composition: 2 x 2P+E flush sockets + 2 x 15 W USB Type-A + Type-C chargers
1	6 548 24	◐ Brushed Aluminium
1	6 548 25	○ White

Other configurations, socket standards and finishes available on request or via the pCon software

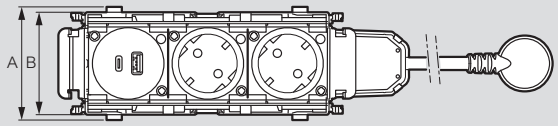
Red catalogue numbers: New products

Incara™ Disq'In - German standard

technical characteristics

Dimensions (mm)

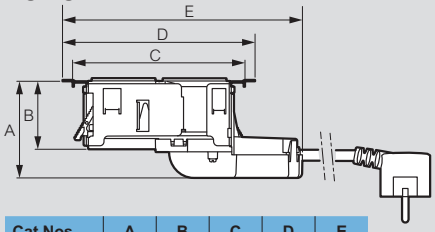
View from above



Cat.Nos	A	B
6 547 46/47/48/49/50/51	74	67

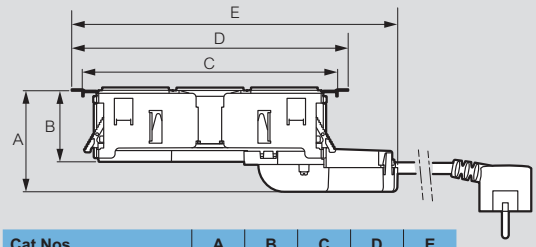
Side views

2-gang



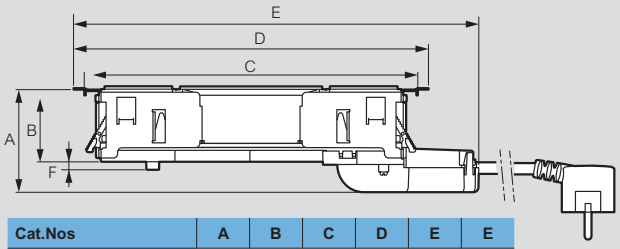
Cat.Nos	A	B	C	D	E
6 547 46/49	71	50	126.8	141.6	176.4

3-gang



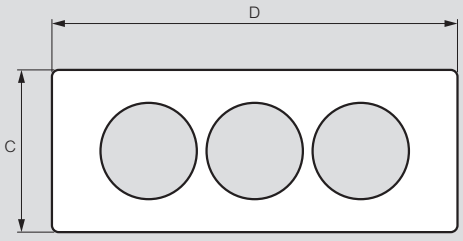
Cat.Nos	A	B	C	D	E
6 547 47/50	71	50	179.7	194.5	229.4

4-gang



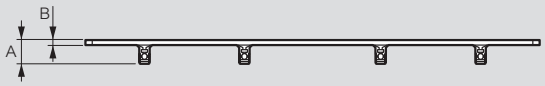
Cat.Nos	A	B	C	D	E	E
6 547 48/51	71	50	231	245.8	280.6	55

View from above - finishing plates



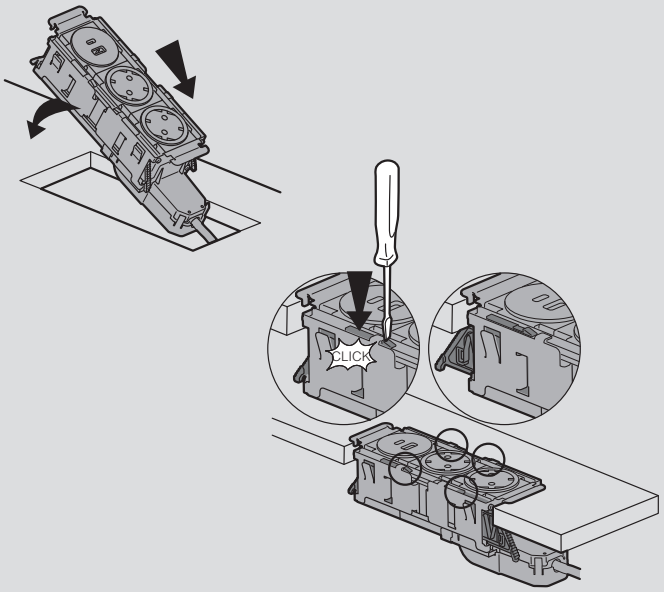
Cat.Nos	C	D
6 547 55/56/57	80	148
6 547 59/60/61		200
6 547 63/64/65		252

Dimensions (mm) (continued)

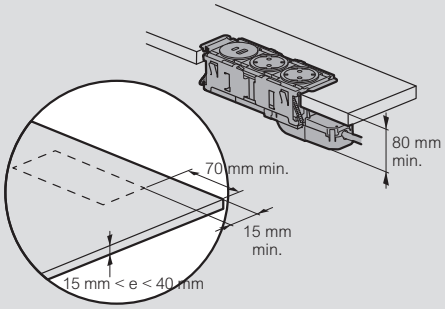


Cat.Nos	A	B
6 547 55/56/57	10.4	2.2
6 547 59/60/61		
6 547 63/64/65		

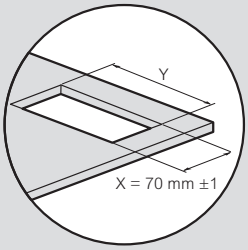
Positioning



Drilling dimensions



Cut-out for corners



Cat.Nos	Y ± 1 mm
6 547 46/49	129.5
6 547 47/50	181.5
6 547 48/51	233.5

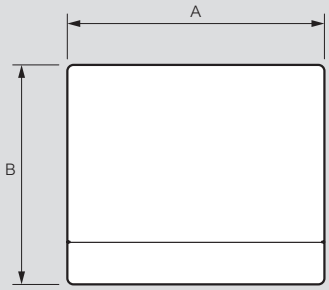
Note: For other cut-outs: see the product data sheet available online

Incara™ Pop-up - German standard

technical characteristics

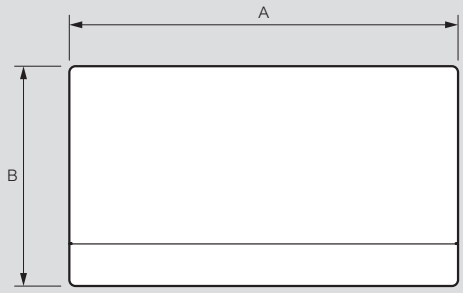
Dimensions

4 modules



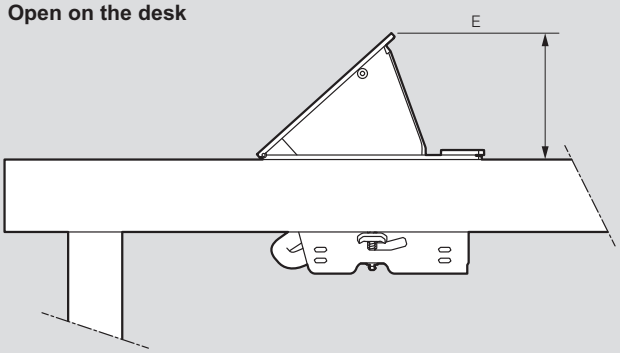
Cat.Nos	A	B
6 548 00/01/02/03/22/23/28	146	125

8 modules



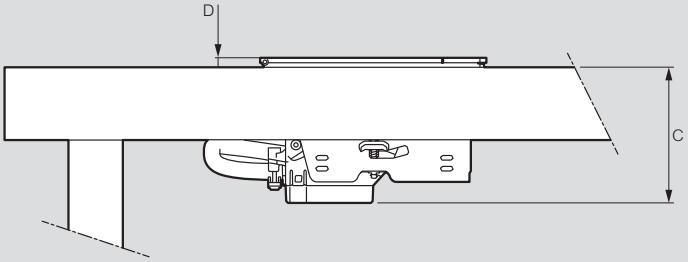
Cat.Nos	A	B
6 548 08/09/10/11	236	125

Open on the desk



Cat.Nos	E
6 548 00/01/02/03/08/09/10/11/22/23/28	70

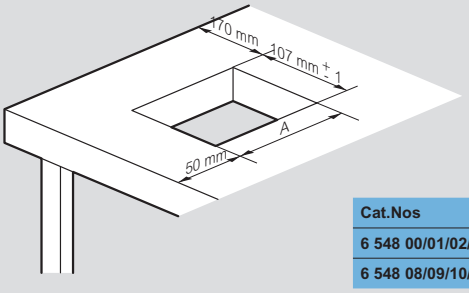
Closed on the desk



Cat.Nos	C	D
6 548 00/01/02/03/08/09/10/11/22/23/28	75	5.2

Drilling dimensions

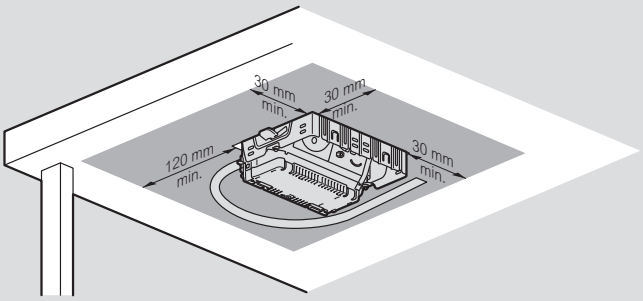
Cut-out for corners



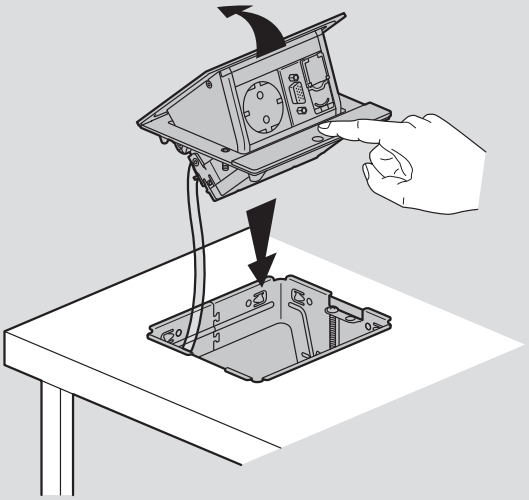
Cat.Nos	A
6 548 00/01/02/03/22/23/28	129 mm ± 1
6 548 08/09/10/11	219 mm ± 1

Note: For other cut-outs: see the product data sheet available online

Dimensions on the underside of the desk



Insertion



Incara™ Multilink - German standard

for offices and meeting rooms

6 547 79

6 547 81

6 548 62

6 548 65

Technical characteristics **p. 1107**

For integration in furniture (horizontal flush-mounting, remote terminal block) or a dry partition (vertical flush-mounting, terminal block in the casing)
Max. power: 3680 W at 230 V~
2P+E sockets: 16 A 250 V~ 50/60 Hz, equipped with safety shutters, conforming to standard IEC 60884-1
USB chargers: 110-240 V~ 50/60 Hz power supply, conforming to standard IEC 62368-1
RJ 45 and HDMI sockets: feedthrough sockets

Pack	Cat.Nos	**Incara Multilink for integration in furniture**
		Extruded aluminium. Equipped with Mosaic functions With 2 m cord and 2P+E plug Compatible desk thickness 10-40 mm
		4 modules Composition: 1 x 2P+E socket + 1 x 15 W USB Type-A + Type-C charger
1	6 547 89	Black metal
1	6 547 79	White
1	6 547 85	Black
		6 modules with 30 W Power Delivery charger Composition: 2 x 2P+E sockets + 1 x USB Type-C 30 W Power Delivery charger
1	6 547 93	Black metal
		6 modules Composition: 2 x 2P+E sockets + 1 x 15 W USB Type-A + Type-C charger
1	6 547 90	Black metal
1	6 547 80	White
1	6 547 86	Black
		8 modules Composition: 2 x 2P+E sockets + 1 x 15 W USB Type-A + Type-C charger + 1 x RJ 45 cat. 6 UTP socket + 1 HDMI socket
1	6 547 91	Black metal
1	6 547 81	White
1	6 547 87	Black

		Incara Multilink for integration in a partition
		Compatible partition thickness: 10-25 mm
		8 modules Composition: 3 x 2P+E sockets + 1 x 15 W USB Type-A + Type-C charger
1	6 548 62	White
		12 modules Composition: 3 x 2P+E sockets + 1 x 15 W USB Type-A + Type-C charger + 3 x RJ 45 cat. 6 UTP sockets, 1 module
1	6 548 63	White
		16 modules 2 vertical rows of 8 modules Composition: + 3 x 2P+E sockets + 1 x 15 W USB Type-A + Type-C charger + 4 x RJ 45 cat. 6 UTP sockets, 2 modules
1	6 548 65	White

Other configurations available on request:
HDMI cable reel, RJ 45 cable reel, etc.

Incara™ Flip-up - German standard

for meeting rooms

6 548 54 with cover closed and cover

Technical characteristics **p. 1108**

For flush-mounting in furniture, compatible table thickness 15 to 40 mm
Ready to use
Max. power: 3680 W at 230 V~
2P+E sockets: 16 A 250 V~ 50/60 Hz, equipped with safety shutters, conforming to standard IEC 60884-1
USB chargers: 110-240 V~ 50/60 Hz power supply, conforming to standard IEC 62368-1
Feedthrough RJ 45 and HDMI sockets
Snap-on fixing via retractable clamps

Pack	Cat.Nos	**Incara Flip-up multi-outlets for flush-mounting**
		With 2 m cord and 2P+E plug Black metal cable grommet shutter
		8 power modules Composition: - 3 x 2P+E sockets - 1 x 15 W USB Type-A + Type-C charger
1	6 548 54	Metal
		8 power and data modules Composition: - 2 x 2P+E sockets - 1 x RJ 45 cat. 6 UTP feedthrough socket, 1 module - 1 x feedthrough HDMI socket - 1 x 15 W USB Type-A + Type-C charger
1	6 548 55	Metal
		12 power modules Composition: - 5 x 2P+E sockets - 1 x 15 W USB Type-A + Type-C charger
1	6 548 56	Metal
		12 power and data modules Composition: - 3 x 2P+E sockets - 3 x RJ 45 cat. 6 UTP feedthrough sockets, 1 module - 1 x feedthrough HDMI socket - 1 x 15 W USB Type-A + Type-C charger
1	6 548 57	Metal

Other configurations, socket standards and finishes available on request or via the pCon software

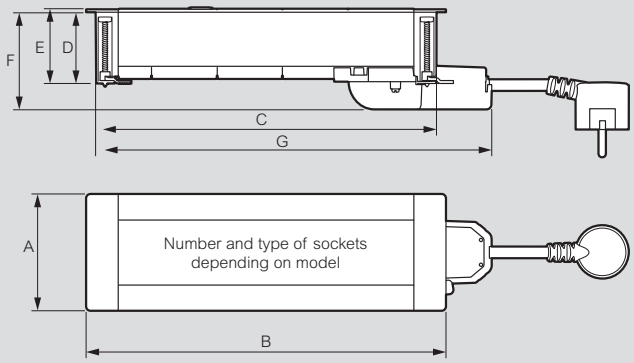
Red catalogue numbers: New products

Incara™ Multilink - German standard

technical characteristics

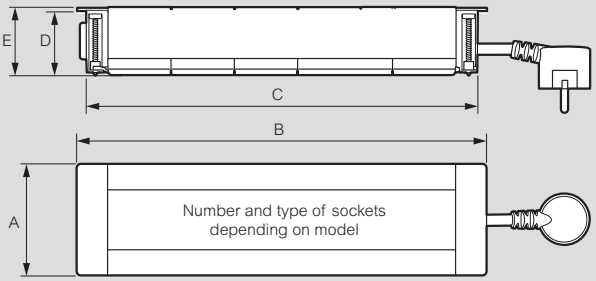
Dimensions (mm)

Incara Multilink for flush-mounting in furniture Cat.Nos 6 547 79/80/81/85/86/87/89/90/91/93



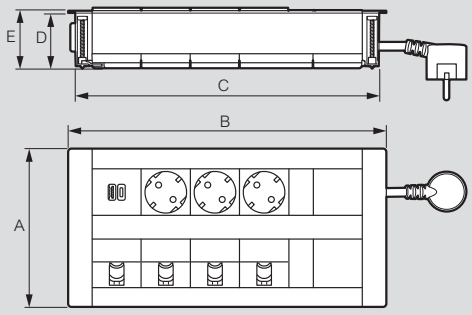
Cat.Nos	A	B	C	D	E	F	G
6 547 79/85/89	80	134.3	121.3	48.8	51.2	66.6	159.1
6 547 80/86/90/93	80	201.5	188.5	48.8	51.2	66.6	188.5
6 547 81/87/91	80	246.5	233.5	48.8	51.2	66.6	271.3

Incara Multilink for flush-mounting in a partition Cat.Nos 6 548 62/63



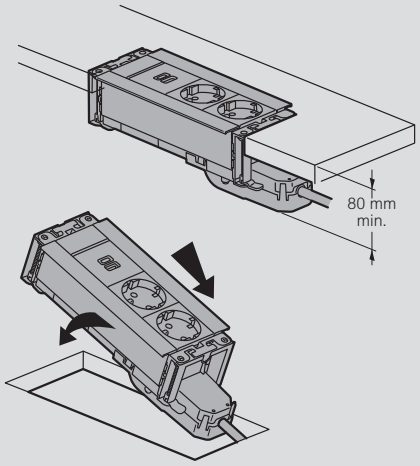
Cat.Nos	A	B	C	D	E
6 548 62	80	291.5	278.5	50.7	53.2
6 548 63	80	404	391	50.7	53.2

Incara Multilink for flush-mounting in a partition Cat.No 6 548 65

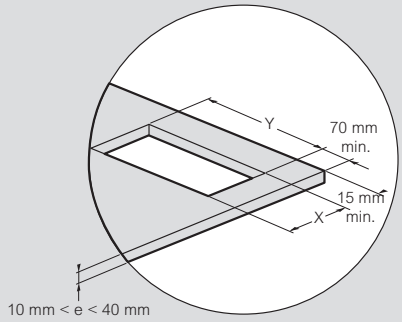


Cat.No	A	B	C	D	E
6 548 65	145	291.5	278.5	50.7	53.2

Installation and fixing in furniture



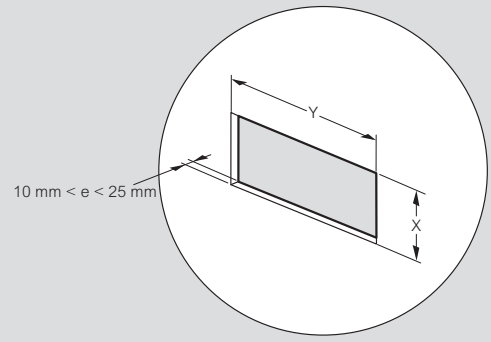
Drilling dimensions for installing in furniture



Cat.Nos	X ± 1 mm	Y ± 1 mm
6 547 79/85/89	67	125
6 547 80/86/90	67	193
6 547 81/87/91	67	238
6 547 93	67	215

Note: For other cut-outs: see the product data sheet available online

Drilling dimensions for installing in a wall



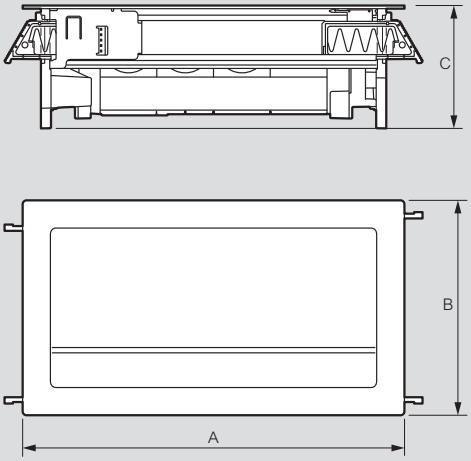
Cat.Nos	X ± 1 mm	Y ± 1 mm
6 548 62	67	283
6 548 63	67	396
6 548 65	132	283

Note: For other cut-outs: see the product data sheet available online

Incara™ Flip-up - German standard

technical characteristics

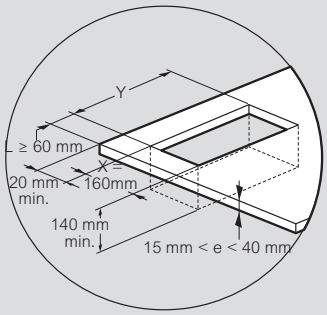
Dimensions (mm)



Cat.Nos	A	B	C
6 548 54/55	303	170.5	97.5
6 548 56/57	303		

Installing on a desktop

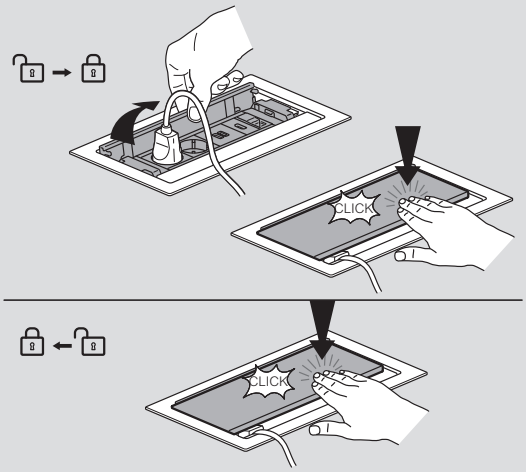
Drilling dimensions and maximum cut-out radius in corners



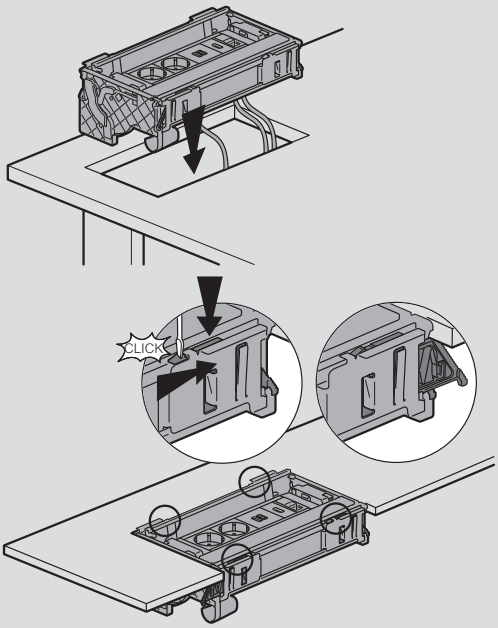
Cat.Nos	Y ± 1 mm
6 548 54/55	286
6 547 56/57	376

Note: For other cut-outs: see the product data sheet available online

Use



Insertion and fixing



Incara™ Top Access

for offices and meeting rooms

6 548 70 with cover closed and cover open

Technical characteristics **p. 1110**

For flush-mounting in furniture, compatible table thickness 10 to 40 mm
Metal
Easy storage for an office module, multi-outlet or surplus cable in the workspace
Features a dedicated fixing system for Legrand office modules

Pack	Cat.Nos	Incara Top Access
		295 mm size
1	6 548 70	Metal
1	6 548 71	White
1	6 548 72	Black
		385 mm size
1	6 548 73	Metal
1	6 548 74	White
1	6 548 75	Black

Incara™ Tower 60 and 120 - German standard - for meeting rooms and kitchen areas

6 549 74

6 549 82

6 549 83

Technical characteristics **p. 1110**

For flush-mounting in furniture (meeting tables)
Max. power: 3680 W at 230 V~
2P+E sockets: 16 A 250 V~ 50/60 Hz, equipped with safety shutters, conforming to standard IEC 60884-1
USB chargers: 220-250 V~ power supply, conforming to standard IEC 62368-1

Pack	Cat.Nos	Incara Tower 60
		Ø60 mm cut-out Metal finish Manual opening With 2 m cord and 2P+E plug Compatible table thickness: 6-50 mm
		Power connections
1	6 549 76	Composition: - 4 x 2P+E sockets
1	6 549 74	Composition: - 3 x 2P+E sockets - 1 x 15 W USB Type-A + Type-C charger
		Power and data connections
1	6 549 75	Composition: - 3 x 2P+E sockets - 2 x RJ 45 cat. 6 UTP sockets - 1 x 15 W USB Type-A + Type-C charger
1	6 549 77	Composition: - 4 x 2P+E sockets - 2 x RJ 45 cat. 6 UTP sockets

Pack	Cat.Nos	Incara Tower 120
		Ø121 mm cut-out Black/metal finish Automatic opening Functions distributed on all 4 sides Ideal for round tables With 2 m cord and 2P+E plug Compatible table thickness: 6-80 mm
		Power connections
1	6 549 82	Composition: - 4 x 2P+E sockets - 2 x 15 W USB Type-A + Type-C chargers
		Power connections with wireless charger
1	6 549 83	Composition: - 4 x 2P+E sockets - 2 x 15 W USB Type-A + Type-C chargers - 1 wireless charger (glass, with LED to indicate charger status)

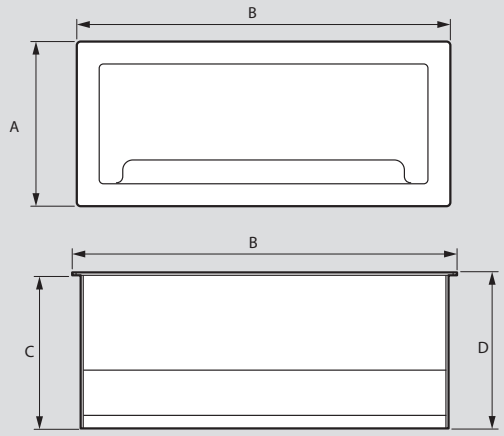
Multi-outlet extensions **p. 835**

Red catalogue numbers: New products

Incara™ Top Access

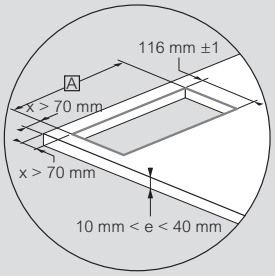
technical characteristics

Dimensions (mm)



	A	B	C	D
Incara Top Access 295	130	295	120	122.2
Incara Top Access 385		385		

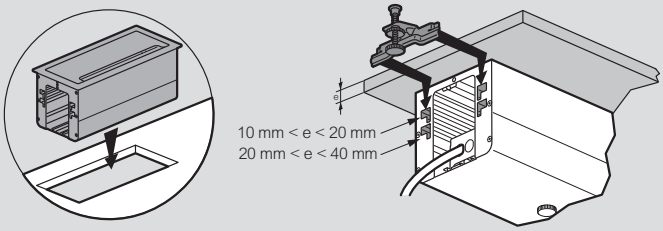
Cut-out for corners



	6 548 70/71/72	6 548 73/74/75
A	284 mm ± 1	374 mm ±1

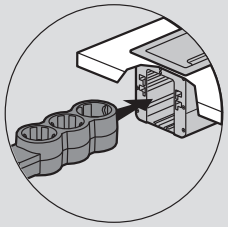
Note: For other cut-outs: see the product data sheet available online

Insertion and fixing

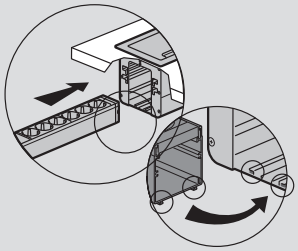


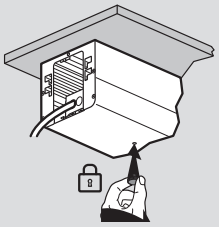
Installing a socket outlet unit

Standard multi-outlet



Legrand office modules

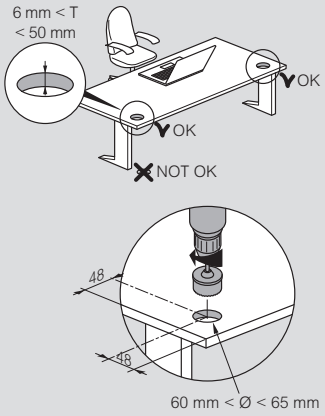




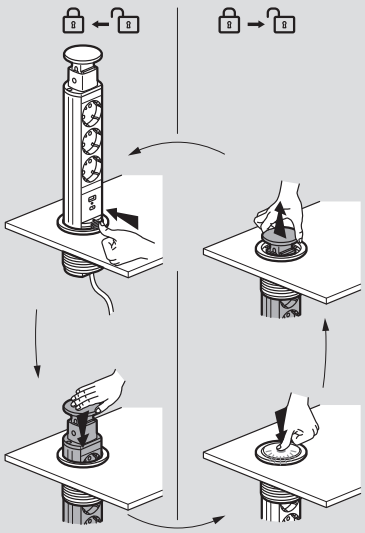
Incara™ Tower 60 and 120 - German standard - technical characteristics

Incara Tower 60

Drilling dimensions

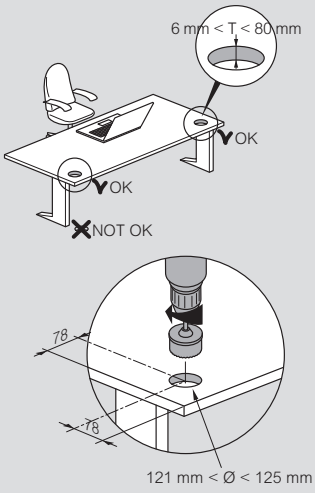


Use



Incara Tower 120

Drilling dimensions



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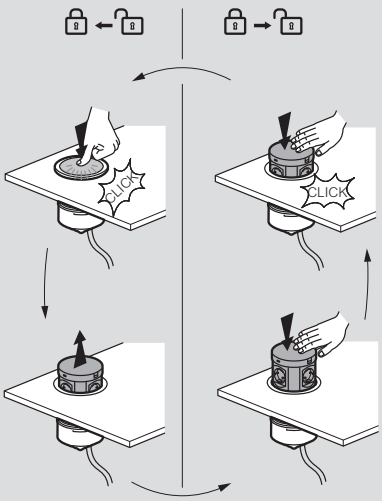


Incara™ Electr'On - German standard

for offices and collaborative spaces

6 549 22

6 549 23

6 549 09

6 549 09
+ finish Cat.No 6 549 35

6 549 37

6 549 38

Technical characteristics **p. 1112**

Portable product for use with Zamak base and non-slip surface
Fixing accessory Cat.No 6 549 38 to be ordered separately

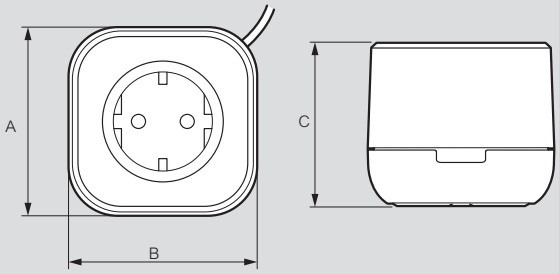
Pack	Cat.Nos	**15 W USB Type-A + Type-C charger kits**
		With integrated finish and 2.5 m braided fabric power cord 110-240 V∿ 50/60 Hz power supply Conform to standard IEC 62368-1
		1-gang
1	6 549 22	○ White
1	6 549 23	● Black
		15 W USB Type-A + Type-C chargers
		With 2.5 m braided fabric power cord 110-240 V∿ 50/60 Hz power supply Conform to standard IEC 62368-1
		1-gang Base to be equipped with a 1-gang finish Cat.Nos 6 549 30/31/32/33
1	6 549 18	○ White
1	6 549 20	● Black
		2P+E flush sockets
		Sockets specially designed for passageways (30,000 operations), equipped with safety shutters With 2.5 m braided fabric power cord 16 A 250 V∿ 50/60 Hz Conform to standard IEC 60884-1
		1-gang Base to be equipped with a 1-gang finish Cat.Nos 6 549 30/31/32/33
1	6 549 06	○ White
1	6 549 07	● Black
		2-gang Base to be equipped with a 2-gang finish Cat.Nos 6 549 34/35/36/37
1	6 549 10	○ White
1	6 549 11	● Black
		2P+E flush sockets + 15 W USB Type-A + Type-C chargers
		Sockets specially designed for passageways (30,000 operations) and equipped with safety shutters With 2.5 m braided fabric power cord 2P+E sockets: 16 A 250 V∿ 50/60 Hz Conform to standard IEC 60884-1 USB chargers: 110-240 V∿ 50/60 Hz power supply Conform to standard IEC 62368-1
		2-gang Base to be equipped with a 2-gang finish Cat.Nos 6 549 34/35/36/37
1	6 549 08	○ White
1	6 549 09	● Black

Pack	Cat.Nos	**Finishes**
		Locked in place by a 1/4 turn clip with built-in anti-theft system
		1-gang
1	6 549 31	Oak
1	6 549 30	Concrete
1	6 549 32	○ White plastic
1	6 549 33	● Black plastic
		2-gang
1	6 549 35	Oak
1	6 549 34	Concrete
1	6 549 36	○ White plastic
1	6 549 37	● Black plastic
		Fixing bracket
		Angled metal bracket for ergonomic positioning as close to the user as possible Compatible with Incara Electr'On 1-gang and 2-gang
1	6 549 38	● Black

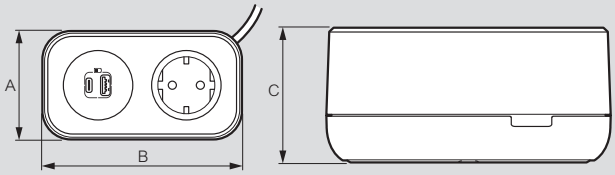
Other configurations and other finishes available on request or via the pCon software

Red catalogue numbers: New products

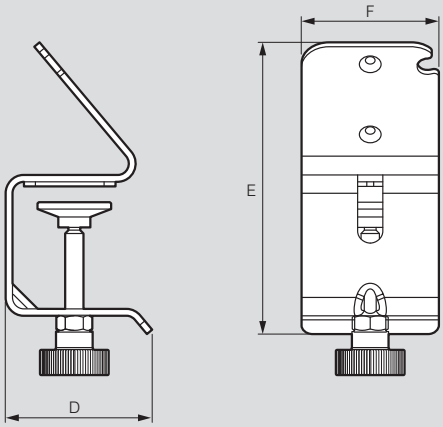
Dimensions (mm)



Cat.Nos	A	B	C
6 549 06/07/18/20/22/23	76	76	66.3

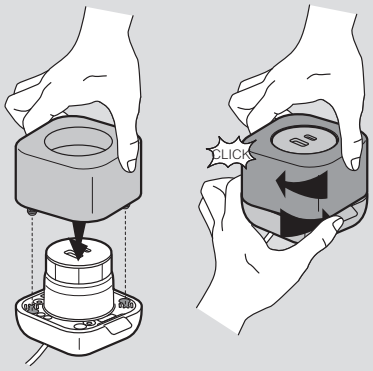


Cat.Nos	A	B	C
6 549 08/09/10/11	76	140	66.4

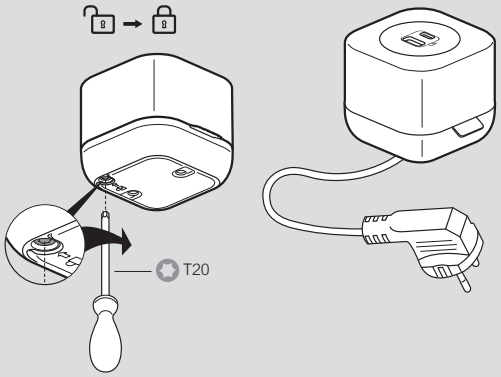


Cat.No	D	E	F
6 549 38	64	127	60

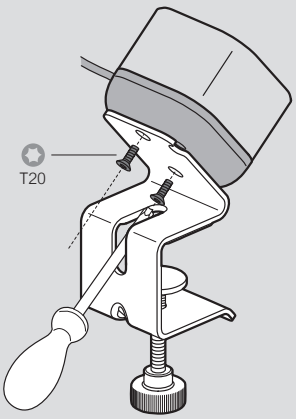
Mounting the finish on the base

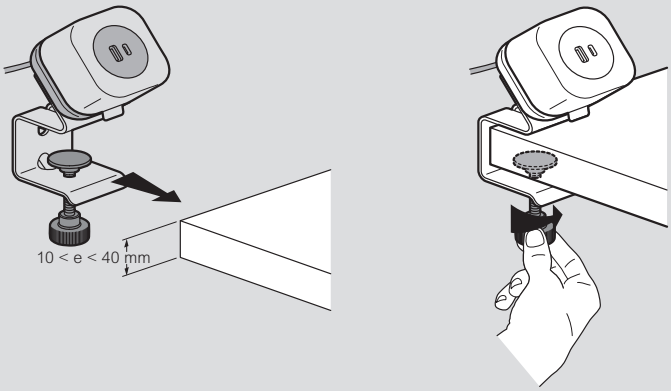


Mounting the finish on the base (continued)



Installing on the mounting bracket Cat.No 6 549 38





Incara™ On Desk pre-equipped - German standard - equipped with power cord

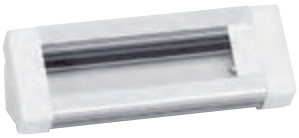
6 535 65

6 535 68

Aluminium outlet units
2P+E sockets - 16 A - 250 V~, equipped with safety shutters
Wired and equipped with a 3 m power cord with a 2P+E plug (H05VVF, 3-core 1.5 mm²)
Conform to standard IEC 60884-1
Max. power 3680 W at 230 V~ per circuit

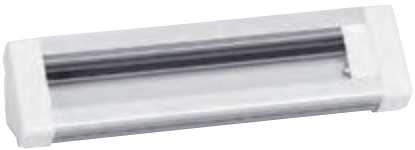
Pack	Cat.Nos	Incara On Desk office modules with power sockets
		With illuminated switch
1	6 535 65	Equipped with: - 4 x 2P+E sockets - 1 illuminated switch
1	6 535 66	Equipped with: - 6 x 2P+E sockets - 1 illuminated switch
		With 3 A/15 W USB Type-A + Type-C charging module
1	6 535 67	Equipped with: - 3 x 2P+E sockets - 1 x 15 W USB Type-A + Type-C charging module
		With tamperproof sockets
1	6 535 68	Equipped with: - 2 x 2P+E sockets - 2 x 2P+E tamperproof sockets - 2 x RJ 45 Cat. 6 UTP sockets, 1 module

Incara™ On Desk to be equipped



0 546 90

0 546 99



0 546 91

0 546 92

Can also take USB chargers

Pack	Cat.Nos	Incara On Desk office modules to be equipped
		To be equipped with Mosaic functions
1	0 546 90	Empty 8-module unit
1	0 546 91	Empty 12-module unit
1	0 546 92	Empty 16-module unit
		Accessory
20	0 546 99	Fixing accessory for mounting the outlet unit on furniture

Other configurations available on request

Incara™ Link'On - German standard

for meeting rooms

6 548 88

Portable, ready-to-use multi-outlet extensions for meeting rooms
For connecting multimedia devices as close to the user as possible without having to drill into furniture
Max. power: 3680 W at 230 V~ per circuit
2P+E sockets: 16 A 250 V~ 50/60 Hz, equipped with safety shutters
USB chargers: 110-240 V~ 50/60 Hz power supply

Pack	Cat.Nos	
		Standalone Incara Link'On outlet unit
1	6 548 86	With 2.5 m fabric power cord and 2P+E plug Composition: - 6 x 2P+E flush sockets ● Black
		Extendable Incara Link'On outlet unit
1	6 548 87	With 2.5 m power cord and 2P+E plug Can be used together with extension Cat.No 6 548 89 for more users ● Black Composition: - 4 x 2P+E sockets - 2 x 15 W USB Type-A + Type-C chargers - 1 x 2 m HDMI cable - Integrated Wieland GST18i3 connector for connecting extension Cat.No 6 548 89
1	6 548 88	● Black Composition: - 4 x 2P+E sockets - 2 x 15 W USB Type-A + Type-C chargers - Integrated Wieland GST18i3 connector for connecting extension Cat.No 6 548 89
		Extension for Incara Link'On
1	6 548 89	With 1.5 m power cord with Wieland GST18i3 connector ● Black Extension for Link'On Cat.Nos 6 548 87/88 Composition: - 4 x 2P+E sockets - 2 x 15 W USB Type-A + Type-C chargers

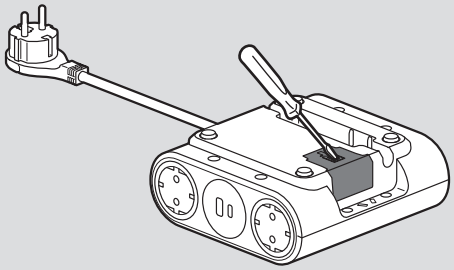
Incara™ Link'On

technical characteristics

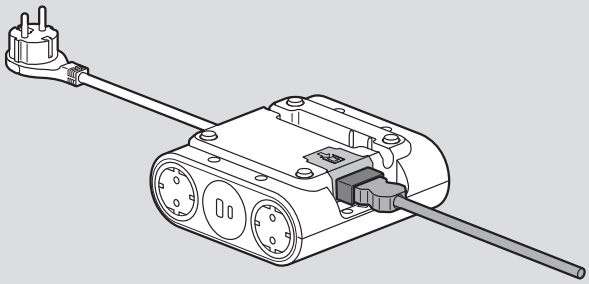
Using two extendable Incara Link'On units together

Cat.Nos 6 548 87/88/89

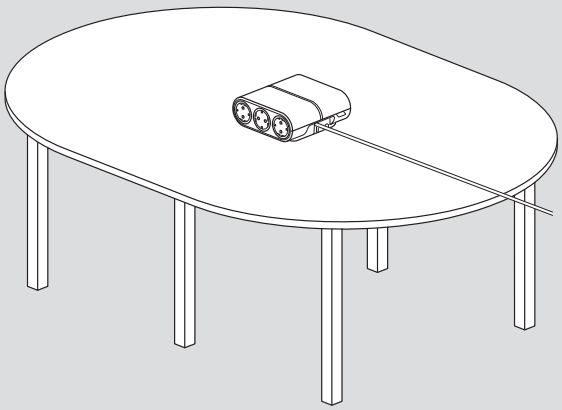
①



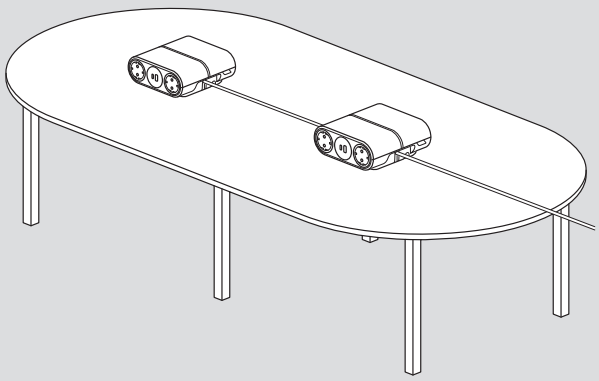
②



6-socket Incara Link'On in a meeting room



Using two 4-socket Incara Link'On units together in a meeting room



Red catalogue numbers: New products

Incara™ Vertebra

for offices and desktops

6 549 92

6 549 90

For securing and running cables vertically from a desk to the floor or for running cables horizontally directly under a desk surface

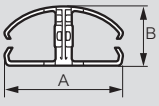
Pack	Cat.Nos	Desk Vertebra
		2 compartments - 120 cm Two possible uses: - fixed position with rotation around 2 axes - flexible position with rotation around 4 axes Attached using screws or double-sided adhesive pads (supplied) Ideal for running cables horizontally
1	6 549 92	Grey
1	6 549 93	Black
		4 compartments - 80 cm Vertical Weighted metal base Can be screwed onto the underside of a desk or inserted in a Ø80 mm cut-out
1	6 549 90	Grey
1	6 549 91	Black

Incara™ Vertebra

technical characteristics

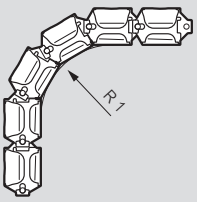
Dimensions (mm)

2-compartment Vertebra



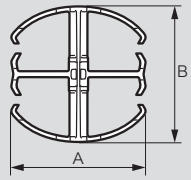
A	54
B	27

Bend radius



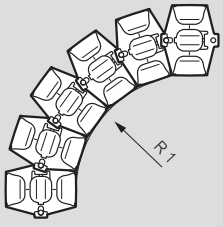
R1	50 min.
R2	80 min.

4-compartment Vertebra



A	54
B	54

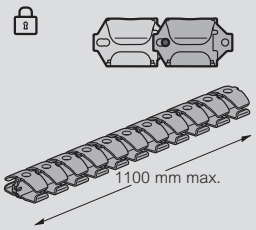
Bend radius



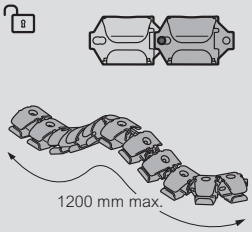
R1	80 min.
R2	80 min.

2-compartment Vertebra

Fixed position

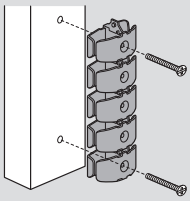


Flexible position

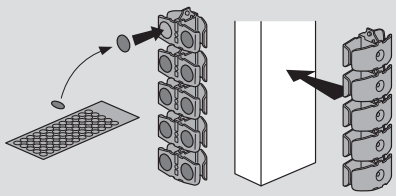


Mounting a 2-compartment Vertebra

Using screws Ø3.5 mm max. (not supplied)

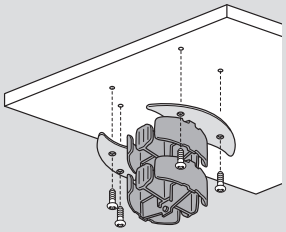


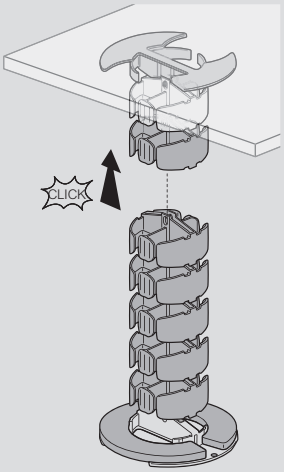
Using double-sided adhesive pads (supplied)



Recommended installation temperature: +15 °C to +25 °C

Mounting a 4-compartment Vertebra





Red catalogue numbers: New products

Incara™ Disq 60 - British standard

for offices and collaborative spaces

6 550 02

6 550 00

6 550 12

6 550 13

Technical characteristics **see opposite**

For flush-mounting in furniture in Ø60 mm cut-out
Three methods of installation:
- Flush-mounting in the furniture (desk), 6-40 mm thickness
- Flush-mounting on a soft surface (armchair, sofa) using a dedicated accessory
- Flush-mounting on a metal panel, 1 mm thickness (locker)

Conform to standard BS 5733

Pack	Cat.Nos	
		2P+E sockets
		250 V~ 50/60 Hz Sockets specially designed for passageways (30,000 operations) and equipped with 5 A fuse and safety shutters Conform to standard BS 1363-2
		With 0.5 m cord and GST18i3 Wieland connector
1	6 550 08	Metal finish
1	6 550 06	White finish
1	6 550 07	Black finish
		With 2 m cord and 2P+E plug
1	6 550 02	Metal finish
1	6 550 00	White finish
1	6 550 01	Black finish
		15 W USB Type-A + Type-C chargers
		Power supply: 110-240 V~ 50/60 Hz Conform to standard IEC 62368-1
		With 2 m cord and 2P+E plug
1	6 550 14	Metal finish
1	6 550 12	White finish
1	6 550 13	Black finish
		Accessory for installing in a soft surface
15	6 547 39	For strengthening the fabric cover to provide stability for the product
		Wieland accessories
		Combined Wieland GST18i3 connector/2P+E plug cord
1	6 549 86	Length 2 m
1	6 549 87	Length 3 m
		Protective casing
1	6 547 99	For Wieland GST18i3 connectors

Other configurations, socket standards and finishes available on request or via the pCon software

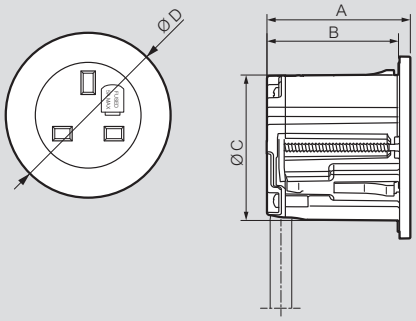
Incara™ Disq 60 - British standard

technical characteristics

Dimensions (mm)

Incara Disq 60

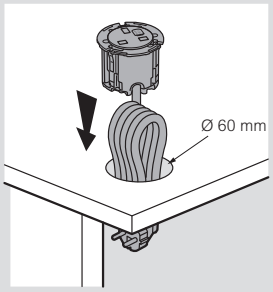
Cat.Nos 6 550 00/01/02/06/07/08/12/13/14



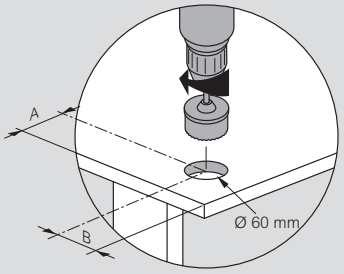
A	B	C	D
54.5	50	59	74

Positioning

Installing in office furniture

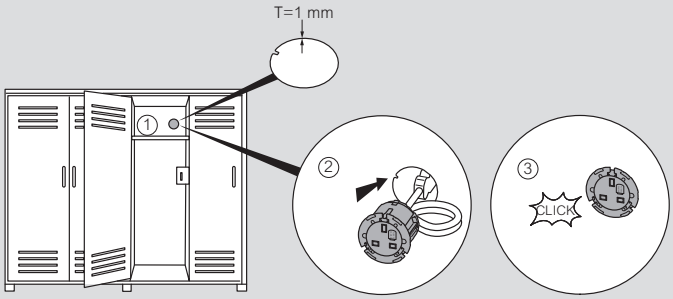


Drilling dimensions

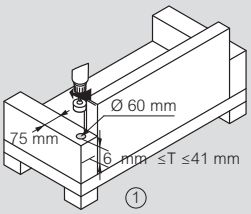


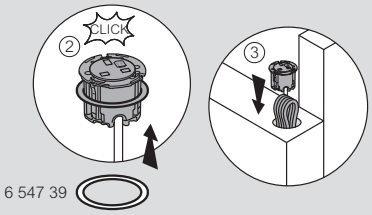
A > 95 | B > 95

Installing in metal furniture such as a locker



Installing in a sofa





Red catalogue numbers: New products

Incara™ Disq 80 - British standard

for offices and collaborative spaces

6 549 43

6 549 41

6 549 55

6 549 53

Technical characteristics **see opposite**

For flush-mounting in furniture, 1-40 mm thickness, in Ø79 mm cut-out
Conform to standard BS 5733
RJ 45 socket: feedthrough socket
2P+E sockets conforming to standard BS 1363-2
USB chargers conforming to standard IEC 62368-1

Pack	Cat.Nos	
		2P+E socket + 15 W USB Type-A + Type-C charger + RJ 45 cat. 6 UTP socket
		2P+E sockets: 5 A 250 V~ 50/60 Hz USB chargers: 110/240 V~ 50/60 Hz power supply Sockets specially designed for passageways (30,000 operations), equipped with 5 A fuse and safety shutters
		With 0.5 m cord and GST18i3 Wieland connector
1	6 549 52	Metal finish
1	6 549 50	White finish
1	6 549 51	Black finish
		With 2 m cord and 2P+E plug
1	6 549 43	Metal finish
1	6 549 41	White finish
1	6 549 42	Black finish
		2P+E socket + 15 W USB Type-A + Type-C charger + cable outlet
		2P+E sockets: 250 V~ 50/60 Hz USB chargers: 110/220 V~ 50/60 Hz power supply Sockets specially designed for passageways (30,000 operations), equipped with 5 A fuse and safety shutters
		With 0.5 m cord and GST18i3 Wieland connector
1	6 549 55	Metal finish
1	6 549 53	White finish
1	6 549 54	Black finish
		Wieland accessories
		Combined Wieland GST18i3 connector/2P+E plug cord
1	6 549 86	Length 2 m
1	6 549 87	Length 3 m
		Protective casing
1	6 547 99	For Wieland GST18i3 connectors

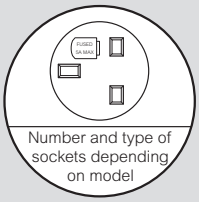
Wireless chargers, **p. 1101**

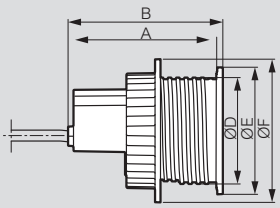
Other configurations, socket standards and finishes available on request or via the pCon software

Incara™ Disq 80 - British standard

technical characteristics

Dimensions (mm)

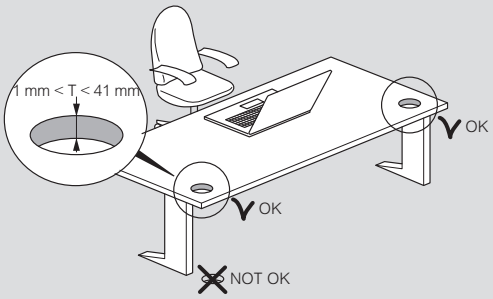




Cat.Nos	A	B	C	D	E	F
6 549 41/42/43/50/51/52	109	113	-	78	93	105
6 549 53/54/55			115			

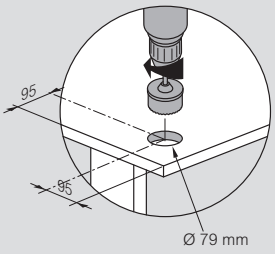
Positioning

Installing in a desk

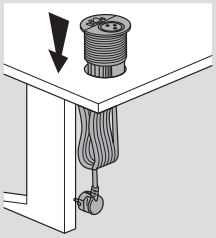


Drilling dimensions

Incara Disq 80
Cat.Nos 6 549 41/42/43/44/45/46/47/48/49/50/51/52/53/54/55



Insertion



Red catalogue numbers: New products

Incara™ Pop-up - British standard

for offices and meeting rooms

6 548 00 with cover closed and cover open — 6 548 01 — 6 548 02 — 6 548 03

6 548 08 — 6 548 08 equipped with 2P+E socket outlets, one USB Type A + Type C charger, one HDMI socket and one RJ 45 data socket — 6 548 30

Technical characteristics **p. 1119**

For flush-mounting in furniture, compatible desktop thickness 15 to 40 mm
Metal. Protective film
Conform to standard BS 5733

Pack	Cat.Nos	Incara Pop-up to be equipped
		To be equipped with Mosaic functions
		4 modules
1	6 548 00	Brushed Aluminium
1	6 548 01	White
1	6 548 02	Black
1	6 548 03	Aluminium
1	6 548 12	Brushed Aluminium (IP 44)
1	6 548 14	Brushed Aluminium with wireless charger Blue LED to indicate product is operating correctly
		2 x 4 modules
1	6 548 04	Brushed Aluminium
1	6 548 05	White
1	6 548 06	Black
1	6 548 07	Aluminium
		8 modules
1	6 548 08	Brushed Aluminium
1	6 548 09	White
1	6 548 10	Black
1	6 548 11	Aluminium

Pack	Cat.Nos	Incara Pop-up pre-equipped
		2P+E sockets 250 VA equipped with 5 A fuse and safety shutters, conforming to standard BS 1363-2 USB chargers: 110/240 V~ 50/60 Hz power supply, conforming to standard IEC 62368-1 Brushed Aluminium
		4 modules with 2 x 2P+E sockets 2 m cord and 2P+E plug
1	6 548 33	With 2 m cord and 2P+E plug
1	6 548 34	With 2 m cord and GST18i3 Wieland connector
		4 modules with 1 x 2P+E socket + 1 x 15 W USB Type-A + Type-C charger
1	6 548 30	With 2 m cord and 2P+E plug
1	6 548 31	With 2 m cord and GST18i3 Wieland connector
		4 modules with 1 x 2P+E socket + 1 x USB Type-C 30 W Power Delivery charger
1	6 548 39	With 2 m cord and 2P+E plug
		2 x 4 modules Composition: 2 x 2P+E sockets + 2 x 15 W USB Type-A + Type-C charger
1	6 548 36	With 2 m cord and 2P+E plug
1	6 548 37	With 2 m cord and GST18i3 Wieland connector

Other configurations, socket standards and finishes available on request or via the pCon software

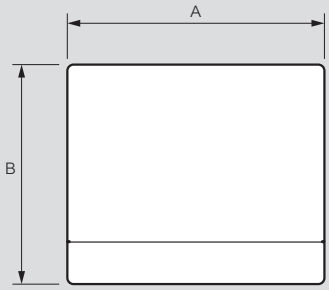
Red catalogue numbers: New products

Incara™ Pop-up - British standard

technical characteristics

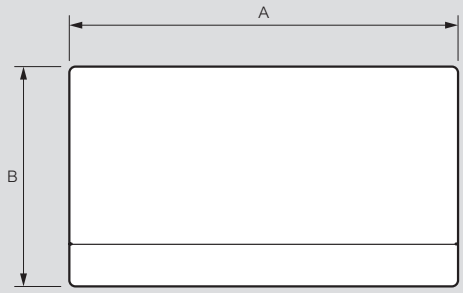
Dimensions

4 modules



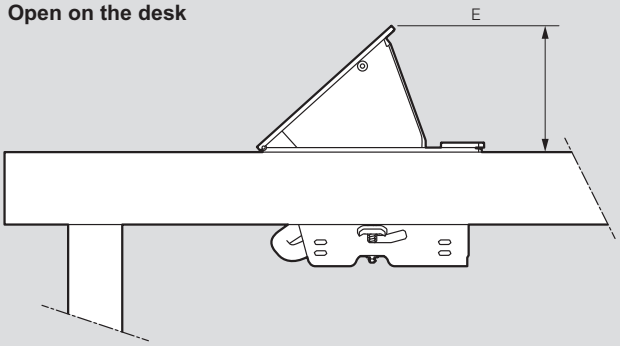
Cat.Nos	A	B
6 548 00/01/02/03/30/31/32/33/34/39	146	125

8 modules



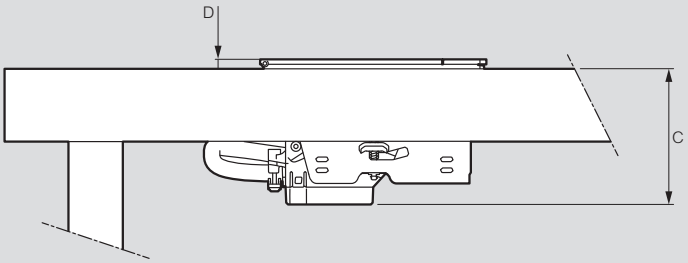
Cat.Nos	A	B
6 548 08/09/10/11	236	125

Open on the desk



Cat.Nos	E
6 548 00/01/02/03/08/09/10/11/30/31/32/33/34/39	70

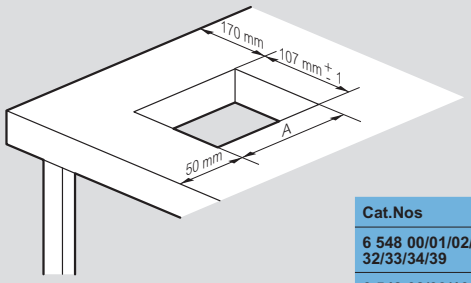
Closed on the desk



Cat.Nos	C	D
6 548 00/01/02/03/08/09/10/11/30/31/32/33/34/39	75	5.2

Drilling dimensions

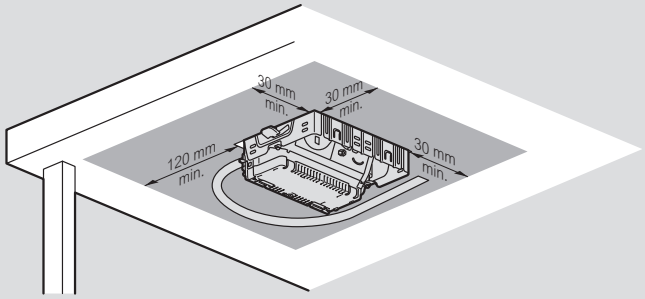
Cut-out for corners



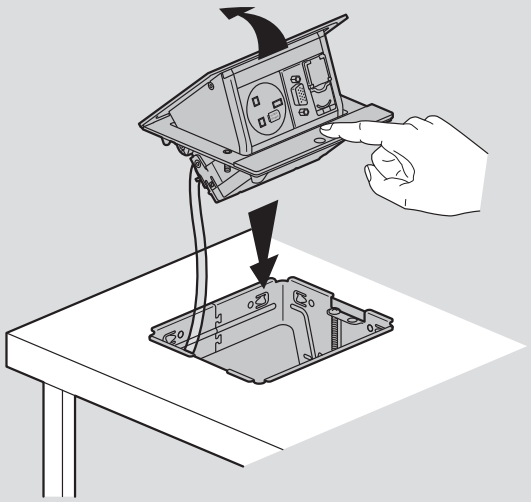
Cat.Nos	A
6 548 00/01/02/03/30/31/32/33/34/39	129 mm ± 1
6 548 08/09/10/11	219 mm ± 1

Note: For other cut-outs: see the product data sheet available online

Dimensions on the underside of the desk



Insertion



Incara™ Flip-up - British standard

for meeting rooms

6 549 58 with cover closed and cover open

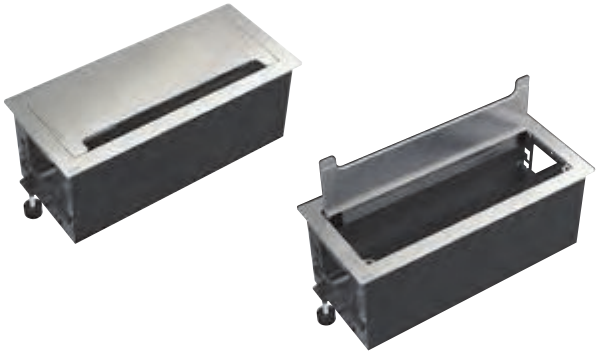
Technical characteristics **p. 1121**

For flush-mounting in furniture, compatible table thickness 15 to 40 mm
Ready to use
Max. power: 3680 W at 230 V~
Conform to standard BS 5733
2P+E sockets: 250 V~ 50/60 Hz, equipped with 5 A fuse and safety shutters, conforming to standard BS 1363-2
USB chargers: 110-240 V~ 50/60 Hz power supply, conforming to standard IEC 62368-1
Feedthrough RJ 45 and HDMI sockets
Snap-on fixing via retractable clamps

Pack	Cat.Nos	**Incara Flip-up multi-outlets for flush-mounting**
		8 power modules Composition: - 2 x 2P+E sockets - 1 x 15 W USB Type-A + Type-C charger
		Metal finish
1	6 549 58	With 2 m cord and 2P+E plug
1	6 549 60	With 0.5 m cord and GST18i3 Wieland connector
		8 power and data modules Composition: - 1 x 2P+E sockets - 2 x RJ 45 cat. 6 UTP feedthrough socket, 1 module - 1 x feedthrough HDMI socket - 1 x 15 W USB Type-A + Type-C charger
		Metal finish
1	6 549 59	With 2 m cord and 2P+E plug
1	6 549 61	With 0.5 m cord and GST18i3 Wieland connector
		12 power modules Composition: - 3 x 2P+E flush sockets - 1 x 15 W USB Type-A + Type-C charger
		Metal finish
1	6 549 64	With 2 m cord and 2P+E plug
1	6 549 66	With 0.5 m cord and GST18i3 Wieland connector
		12 power and data modules Composition: - 2 x 2P+E sockets - 3 x RJ 45 cat. 6 UTP feedthrough sockets, 1 module - 1 x feedthrough HDMI socket - 1 x 15 W USB Type-A + Type-C charger
		Metal finish
1	6 549 65	With 2 m cord and 2P+E plug
1	6 548 67	With 2 m cord and GST18i3 Wieland connector

Incara™ Top Access

for offices and meeting rooms



6 548 70 with cover closed and cover open

Technical characteristics **p. 1122**

For flush-mounting in furniture, compatible table thickness 10 to 40 mm
Metal
Easy storage for an office module, multi-outlet or surplus cable in the workspace
Features a dedicated fixing system for Legrand office modules

Pack	Cat.Nos	**Incara Top Access**
		295 mm size
1	6 548 70	Metal
1	6 548 71	White
1	6 548 72	Black
		385 mm size
1	6 548 73	Metal
1	6 548 74	White
1	6 548 75	Black

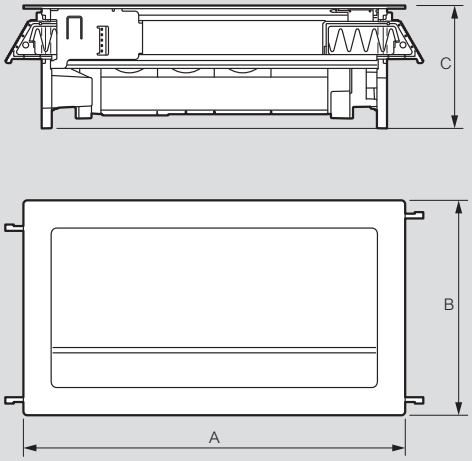
Other configurations, socket standards and finishes available on request or via the pCon software

Red catalogue numbers: New products

Incara™ Flip-up - British standard

technical characteristics

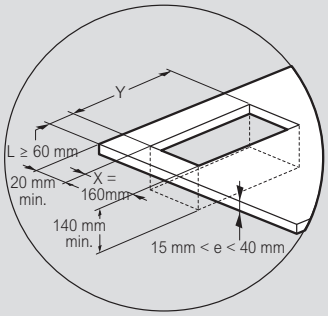
Dimensions (mm)



Cat.Nos	A	B	C
6 549 58/59/60/61	303	170.5	97.5
6 549 64/65/66/67	303		

Installing on a desktop

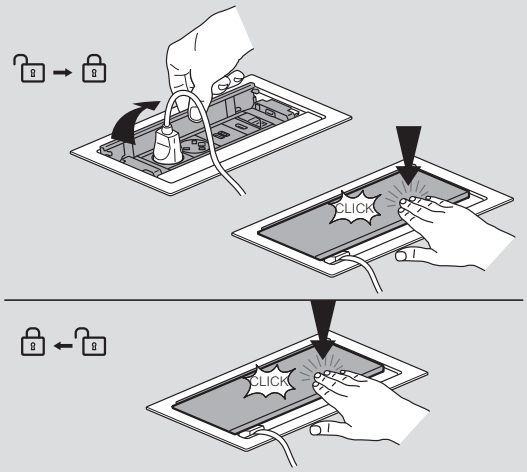
Drilling dimensions and maximum cut-out radius in corners



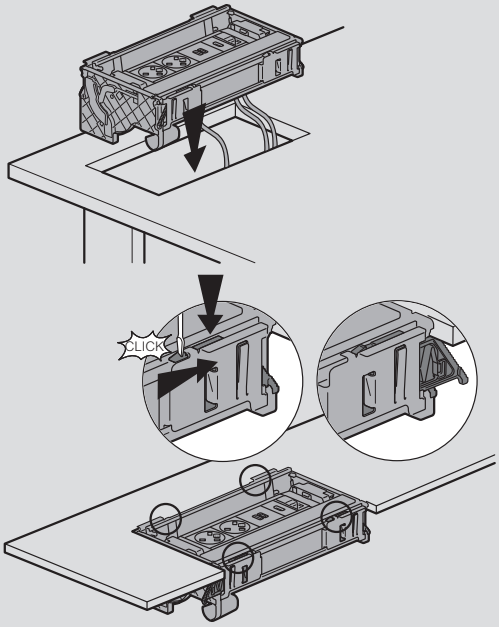
Cat.Nos	Y ± 1 mm
6 549 58/59/60/61	286
6 549 64/65/66/67	376

Note: For other cut-outs: see the product data sheet available online

Use



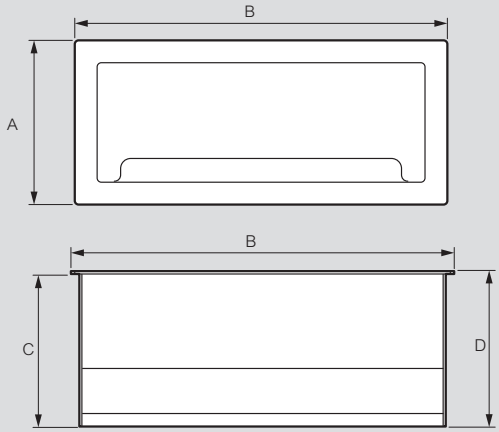
Insertion and fixing



Incara™ Top Access

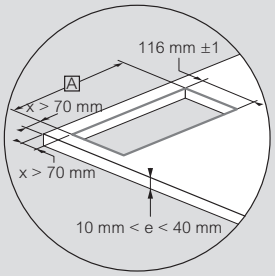
technical characteristics

Dimensions (mm)



	A	B	C	D
Incara Top Access 295	130	295	120	122.2
Incara Top Access 385		385		

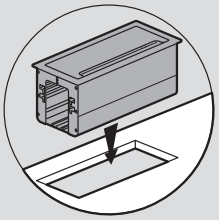
Cut-out for corners

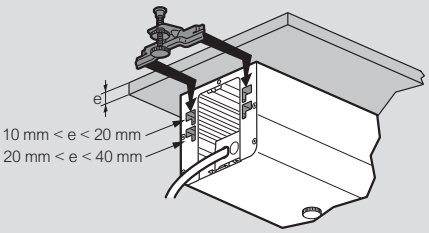


	6 548 70/71/72	6 548 73/74/75
A	284 mm ± 1	374 mm ±1

Note: For other cut-outs: see the product data sheet available online

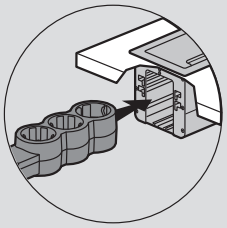
Insertion and fixing



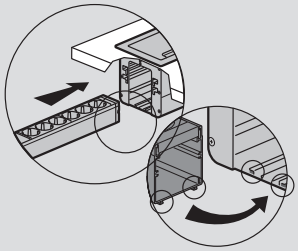


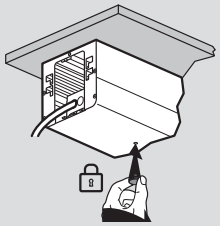
Installing a socket outlet unit

Standard multi-outlet



Legrand office modules





Incara™ Electr'On - British standard

for offices and collaborative spaces

6 549 24

6 549 25

6 549 12 + finish Cat.No 6 549 32

6 549 13 + finish Cat.No 6 549 33

6 549 15

6 549 15 + finish Cat.No 6 549 35

6 549 31

6 549 32

6 549 36

6 549 37

Portable product for use with Zamak base and non-slip surface
Supplied with pre-installed fixing accessory
Conform to standard BS 5733

Pack	Cat.Nos	15 W USB Type-A + Type-C charger kits
		With integrated finish and 2.5 m braided fabric power cord 110-240 V∿ 50/60 Hz power supply Conform to standard IEC 62368-1
		1-gang
1	6 549 24	○ White
1	6 549 25	● Black

Pack	Cat.Nos	15 W USB Type-A + Type-C chargers
		With 2.5 m braided fabric power cord 110-240 V∿ 50/60 Hz power supply Conform to standard IEC 62368-1
		1-gang Base to be equipped with a 1-gang finish Cat.Nos 6 549 30/31/32/33
1	6 549 19	○ White
1	6 549 21	● Black

Pack	Cat.Nos	2P+E sockets
		Sockets specially designed for passageways (30,000 operations), equipped with 5 A fuse and safety shutters With 2.5 m braided fabric power cord 250 V∿ 50/60 Hz Conform to standard BS 1363-2
		1-gang Base to be equipped with a 1-gang finish Cat.Nos 6 549 30/31/32/33
1	6 549 12	○ White
1	6 549 13	● Black
		2-gang Base to be equipped with a 2-gang finish Cat.Nos 6 549 34/35/36/37
1	6 549 16	○ White
1	6 549 17	● Black

Pack	Cat.Nos	2P+E sockets + 15 W USB Type-A + Type-C chargers
		Sockets specially designed for passageways (30,000 operations) and equipped with 5 A fuse and safety shutters With 2.5 m braided fabric power cord 2P+E sockets: 250 V∿ 50/60 Hz Conform to standard BS 1363-2 USB chargers: 110-240 V∿ 50/60 Hz power supply Conform to standard IEC 62368-1
		2-gang Base to be equipped with a 2-gang finish Cat.Nos 6 549 34/35/36/37
1	6 549 14	○ White
1	6 549 15	● Black

Pack	Cat.Nos	Finishes
		Locked in place by a 1/4 turn clip with built-in anti-theft system
		1-gang
1	6 549 31	Oak
1	6 549 30	Concrete
1	6 549 32	○ White plastic
1	6 549 33	● Black plastic
		2-gang
1	6 549 35	Oak
1	6 549 34	Concrete
1	6 549 36	○ White plastic
1	6 549 37	● Black plastic

Other configurations and other finishes available on request or via the pCon software

Red catalogue numbers: New products

Incara™ Link'On - British standard

for meeting rooms

6 548 92

Portable, ready-to-use multi-outlet extensions for meeting rooms
For connecting multimedia devices as close to the user as possible without having to drill into furniture
Conform to standard BS 5733
Max. power: 3680 W at 230 V~ per circuit
2P+E sockets: 250 V~ 50/60 Hz, equipped with 5 A fuse and safety shutters , conforming to standard BS 1363-2
USB chargers: 110-240 V~ 50/60 Hz power supply, conforming to standard IEC 62368-1

Pack	Cat.Nos	**Extendable Incara Link'On outlet unit**
1	6 548 91	With 2.5 m power cord and 2P+E plug Can be used together with fuse and extension Cat.No 6 548 93 for more users ● Black Composition: - 4 x 2P+E sockets - 2 x 15 W USB Type-A + Type-C chargers - 1 x 2 m HDMI cable - Integrated Wieland GST18i3 connector for connecting extension Cat.No 6 548 93
1	6 548 92	● Black Composition: - 4 x 2P+E sockets - 2 x 15 W USB Type-A + Type-C chargers - Integrated Wieland GST18i3 connector for connecting extension Cat.No 6 548 93
1	6 548 93	**Extension for Incara Link'On** With 1.5 m power cord with Wieland GST18i3 connector ● Black Extension for Link'On Cat.Nos 6 548 91/92 Composition: - 4 x 2P+E sockets - 2 x 15 W USB Type-A + Type-C chargers

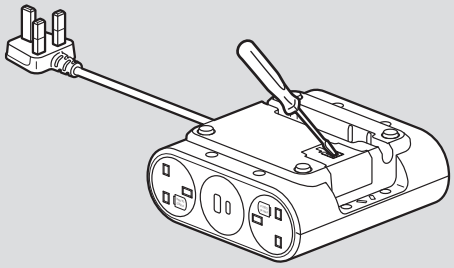
Incara™ Link'On - British standard

technical characteristics

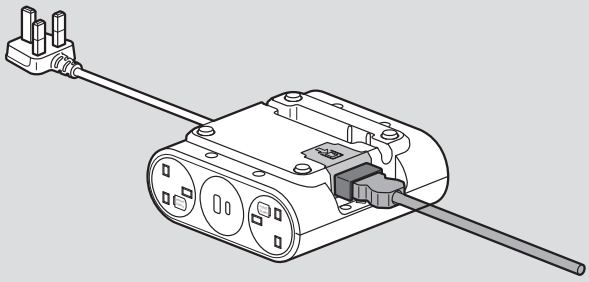
Using two extendable Incara Link'On units together

Cat.Nos 6 548 91/92/93

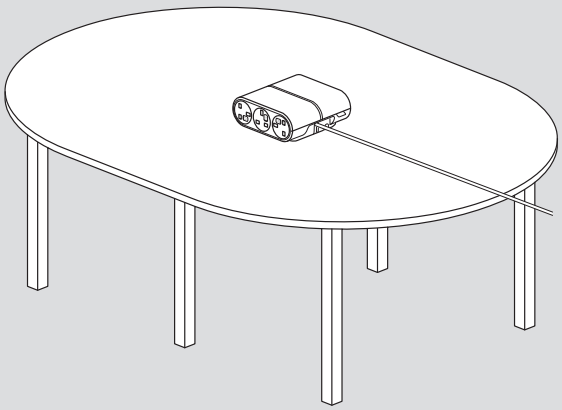
①



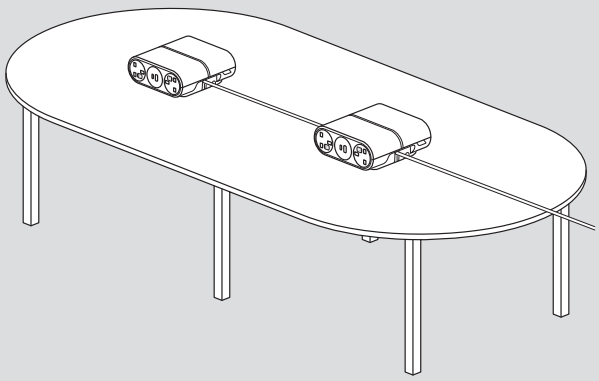
②



6-socket Incara Link'On in a meeting room



Using two 4-socket Incara Link'On units together in a meeting room



Red catalogue numbers: New products

Compact size mini-column

6 532 00

6 532 00
(equipped with a 2P+E socket outlet and 2 RJ 45 sockets)

6 532 01

Conform to IEC 61084-2-4
IP 40 - IK 08
Halogen free
For distribution of power vertically
Wiring through the floor via conduits or floor trunking
To be equipped with Arteor or Mosaic wiring accessories (direct clipping)

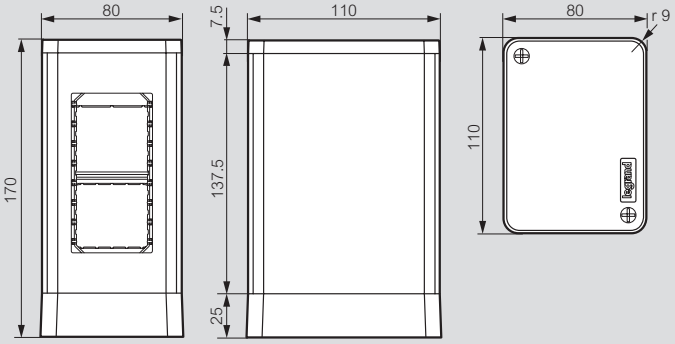
Pack	Cat.Nos	
		Compact size mini-column
1	6 532 00	Height: 17 cm Capacity: 4 modules Can be extended to 8 modules with the help of the additional support Cat.No 6 532 01 Can be joined together horizontally and/or vertically by using the joining kits Cat.Nos 6 532 02/03 Removable sides for free access to cables during wiring operations Base to be screwed on the floor Body: white RAL 9003 Base and top: grey
		Additional support for wiring devices
1	6 532 01	To be installed on the compact mini-column Cat.No 6 532 00 Capacity: 4 modules Can take 45 x 45 format wiring devices (Mosaic and Arteor) by direct clipping Supplied with a plastic partition to separate power and data circuits inside the compact mini-column
		Joining kits
1	6 532 02	For horizontally joining together two compact mini-columns Cat.No 6 532 00
1	6 532 03	For vertically joining together two compact mini-columns Cat.No 6 532 00

Compact size mini-column

technical characteristics

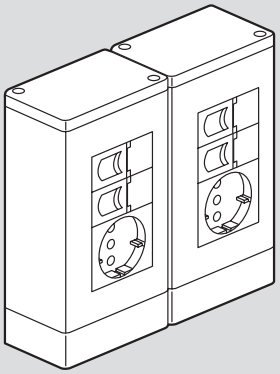
Dimensions (mm)

Compact size mini-column Cat.No 6 532 00

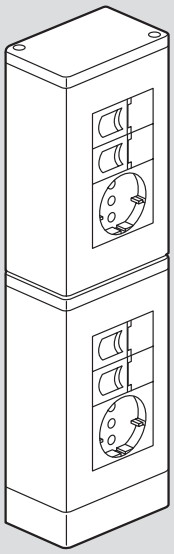


Installation principle

Horizontal assembling (2 or more compact mini-columns)



Vertical assembling (2 or more compact mini-columns)



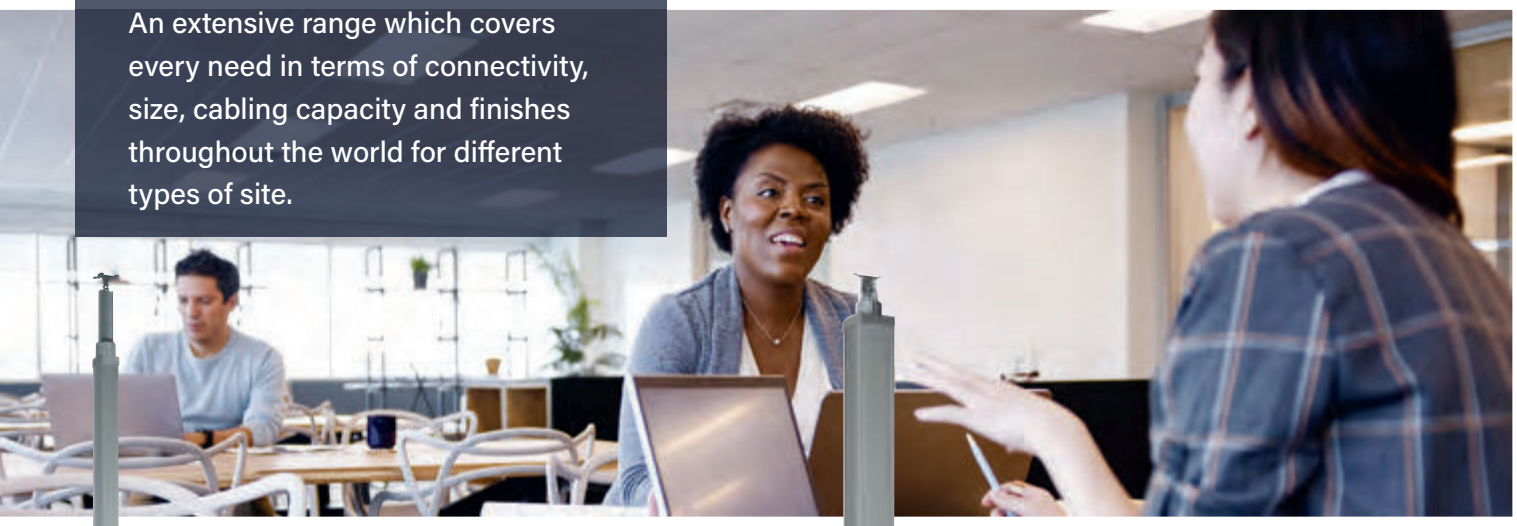
Several compact mini-columns can be joined together with no limit

Red catalogue numbers: New products

COLUMNS AND MINI-COLUMNS

An aesthetic and multifonctional range

An extensive range which covers every need in terms of connectivity, size, cabling capacity and finishes throughout the world for different types of site.



Snap-on columns and mini-columns

The natural choice with Arteor and Mosaic Programme wiring accessories.
Columns and mini-columns available in different sizes, from 0.3 m to 3.9 m and from 1 to 4 compartments.

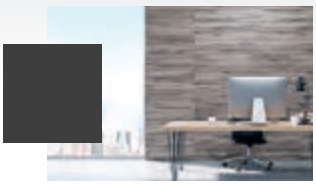
See p. 1127-1129

Universal columns and mini-columns

Perfect compatibility with differents standards and different ranges of wiring devices.
Columns and mini-columns available in different sizes, from 0.3 m to 3.9 m and from 1 to 2 compartments.

See p. 1131-1132

FINISHES
3 finishes, for perfect integration in any environment (White, Aluminium and Black)



Snap-on mini-columns

Technical characteristics **p. 1130**

Conform to IEC 61084-2-4 and EN 50085-2-4. For distribution of power vertically. Power supply via the floor or the ceiling (with ovaline kits)
To be equipped with Arteor or Mosaic wiring accessories (direct clipping) and fixing clip. Cover width 45 mm

Pack	Cat.Nos	1 compartment 2 sides mini-columns	
		Can be equipped with ovaline kits Cat.Nos 6 530 60/61/62	
		White finish	
		Aluminium body, PVC covers	
1	6 530 00	Height 0.30 m	
1	6 530 03	Height 0.68 m	
		Aluminium finish	
		Aluminium body and covers	
1	6 530 01	Height 0.30 m	
1	6 530 04	Height 0.68 m	
		Black finish	
		Aluminium body, PVC covers	
1	6 530 02	Height 0.30 m	
1	6 530 05	Height 0.68 m	
		2 compartments mini-columns	
		Can be equipped with ovaline kits Cat.Nos 6 530 63/64/65	
		White finish	
		PVC body and covers	
1	6 530 20[1]	Height 0.30 m	
1	6 530 23[1]	Height 0.68 m	
		Aluminium finish	
		Aluminium body and covers	
1	6 530 21	Height 0.30 m	
1	6 530 24	Height 0.68 m	
		Black finish	
		Aluminium body, PVC covers	
1	6 530 22	Height 0.30 m	
1	6 530 25	Height 0.68 m	
		4 compartments mini-columns	
		White finish	
		Aluminium body, PVC covers	
1	6 530 40	Height 0.30 m	
1	6 530 43	Height 0.68 m	
		Aluminium finish	
		Aluminium body and covers	
1	6 530 41	Height 0.30 m	
1	6 530 44	Height 0.68 m	
		Black finish	
		Aluminium body, PVC covers	
1	6 530 42	Height 0.30 m	
1	6 530 45	Height 0.68 m	

1: When fixing 45 mm wiring devices, use fixing clip Cat.No 6 038 57

Pack	Cat.Nos	Movable mini-column
1	6 530 29	Roll and plug column Aluminium body Table: white finish Equipped with: - 7 x 2P+E German standard socket outlets - 1 double USB charging socket, - 4-wheel foot, - 4 m cable Height 0.75 m
		Ovaline kits
		For powering the mini-column via the ceiling
		For 1 compartment 2 sides mini-columns
1	6 530 60	White finish
1	6 530 61	Aluminium finish
1	6 530 62	Black finish
		For 2 compartments snap-on mini-columns and 1 compartment universal columns
1	6 530 63	White finish
1	6 530 64	Aluminium finish
1	6 530 65	Black finish
		Accessories for 1 or 2 compartments mini-columns
1	6 530 84	Table - white finish
1	6 530 86	Movable foot - white finish
1	6 530 87	Movable foot - aluminium finish
1	6 530 89	Movable foot - black finish
1	6 530 88	Set of 4 wheels with cable-holder
		Fixing clip
		For 45 mm wiring devices, like Mosaic and Arteor With anti-pullout and anti-slip system for perfect fiting of the mechanisms on : DLP-S and DLP aluminium snap-on trunking and snap-on columns and mini-columns
10	6 038 57	White finish
10	6 038 58	Aluminium finish
10	6 038 56	Black finish

Multi-support sockets, **p. 1129**

Red catalogue numbers: New products

Snap-on columns

Technical characteristics **p. 1130**

Conform to IEC 61084-2-1 and EN 50085-2-4
For distribution of power vertically
Power supply via the ceiling and/or the floor
To be equipped with Arteor or Mosaic wiring accessories (direct clipping) and fixing clip Cat. Nos 6 038 56/57/28 (p. 1127) for standards compliance (IP, anti-pullout) and perfect finish
Cover width 45 mm

1 compartment - 2 sides columns

Pack	Cat.Nos	Column body height (m)	Total height between the floor and the ceiling (m) Min.	Max.
		White finish Aluminium body, PVC covers		
1	6 530 10	2.67	2.77	4.05
1	6 530 13	3.92	4.02	5.30
		Aluminium finish Aluminium body and covers		
1	6 530 11	2.67	2.77	4.05
1	6 530 14	3.92	4.02	5.30
		Black finish Aluminium body, PVC covers		
1	6 530 12	2.67	2.77	4.05
1	6 530 15	3.92	4.02	5.30

2 compartments columns

Pack	Cat.Nos	Column body height (m)	Total height between the floor and the ceiling (m) Min.	Max.
		White finish PVC body and covers		
1	6 530 30	2.67	2.77	4.05
1	6 530 33	3.92	4.02	5.30
		Aluminium finish Aluminium body and covers		
1	6 530 31	2.67	2.77	4.05
1	6 530 34	3.92	4.02	5.30
		Black finish Aluminium body, PVC covers		
1	6 530 32	2.67	2.77	4.05
1	6 530 35	3.92	4.02	5.30

4 compartments columns

Pack	Cat.Nos	
1	6 530 50	**White finish** Maximum height 3.30 m Aluminium body, PVC covers
1	6 530 51	**Aluminium finish** Maximum height 3.30 m Aluminium body and covers
1	6 530 52	**Black finish** Maximum height 3.30 m Aluminium body, PVC covers

1 compartment 2 sides movable columns

Height 2 m
Can be equipped with junction for false ceiling Cat.No 6 530 76

Pack	Cat.Nos	
1	6 530 06	**White finish** Aluminium body, PVC covers
1	6 530 07	**Aluminium finish** Aluminium body and covers
1	6 530 08	**Black finish** Aluminium body, PVC covers

2 compartments movable columns

Height 2 m
Can be equipped with junction for false ceiling Cat.No 6 530 76

Pack	Cat.Nos	
1	6 530 26	**White finish** Aluminium body, PVC covers
1	6 530 27	**Aluminium finish** Aluminium body and covers
1	6 530 28	**Black finish** Aluminium body, PVC covers

Junction for false ceiling

Pack	Cat.Nos	
1	6 530 76	For movable columns Cat.Nos 6 530 06/07/08/26/27/28

Snap-on columns (continued)

6 530 54

6 530 56

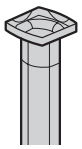
6 530 80 (supplied without sticker)

6 530 83

Conform to IEC 61084-2-1 and EN 50085-2-4
For distribution of power vertically
Power supply via the ceiling and/or the floor
Cover width 45 mm

Pack	Cat.Nos	Ovaline column
		Aluminium finish
1	6 530 54	Complete Ovaline column, height 3.2 m
1	6 530 55	Ovaline tube, height 3.2 m
1	6 530 58	Ovaline junction 90°
1	6 530 59	Ovaline fixing bracket
1	6 530 57	Cable output for Ovaline column

		Finishing kit for telescopic pole for 1 or 2 compartments columns
		Consists of 2 PVC covers and a base
1	6 530 66	White finish
1	6 530 67	Aluminium finish
1	6 530 68	Black finish



		Accessories for columns
1	6 530 56	Flexible Ovaline kit For horizontal connection to cable trays Length: 1 m Supplied with fixing bracket
36	6 038 07	Separation partition, height 60 mm For 2 and 4 compartments snap-on columns and mini-columns
1	6 530 80	Panel indicator 150 x 150 mm
1	6 530 83	Shelf for direct clipping

		Supports for ⎓ rail equipment (columns and mini-columns)
		For mounting ⎓ rail equipment (such as MCBs) on columns and mini-columns. To be used with two 0.5-module spacing units Cat.No 4 063 07 (p. 75) Capacity: 1 module Equipped with protective cover to prevent unwanted triggering For installation on universal columns and mini-columns use a fixing support Cat.No 6 531 79, a 4-module Mosaic support plate Cat.No 0 802 52 (p. 1204) and a 4-module Mosaic plate Cat.Nos 2 778 14L, 0 793 14L or 0 790 54L (p. 1202)
5	0 310 69	White finish
5	0 307 87	Aluminium finish
5	6 530 75	Black finish

		90° adaptor
5	6 530 79	Adaptor for mounting Arteor ot Mosaic wiring accessories horizontally via 90° rotation 2 modules

Multi-support sockets - German standard

socket outlets, USB charging socket, HDMI type A socket

0 793 55L

0 793 72L

Particularly suitable for installation in snap-on columns and mini-columns, pop-up flush-mounting boxes for furniture (p. 1103)

Pack	Cat.Nos	Multi-support German standard socket outlets - inclined 45°
	Matt Black	Automatic terminals
10	0 793 55L	2P+E
10	0 793 72L	2 x 2P+E
10	0 793 73L	3 x 2P+E

		RJ 45 data sockets
	Matt Black	**Cat 6 UTP**
10	0 794 61L	1 module
10	0 791 65L	**Cat 6 FTP** 2 modules
10	0 791 76L	**Cat 6 STP** 2 modules

		Double USB Type A charging socket
	Matt Black	
1	0 791 94L	5 V - 3 A - 2 modules For recharging portable devices like: telephones, smartphones, MP3/MP4 players and fast-charging tablet PC Conform to IEC 62684-2011-01 Consumption in passive mode < 0.07 W Supplied cordless

		HDMI Type A socket
	Matt Black	
1	0 794 78L	Preterminated HDMI - version 2.0 - 1 module. Equipped with cord, length 15 cm and 2 female connectors. Used to transmit high-definition digital audio/video streams between a cours (computer, Blu-ray player...) and a compatible receiver. Can be associated with HDMI cord & cable

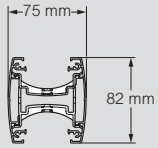
		Fixing clip
		For 45 mm wiring devices, like Mosaic and Arteor With anti-pullout and anti-slip system for perfect fiting of the mechanisms on : DLP-S and DLP aluminium snap-on trunking and snap-on columns and mini-columns
10	6 038 56	Black finish

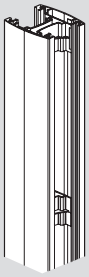
Other Mosaic socket outlets, **p. 1182-1183**

Snap-on mini-columns and columns

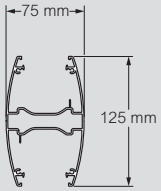
Dimensions (in mm)

1-compartment columns, mini-columns and movable columns

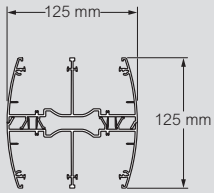


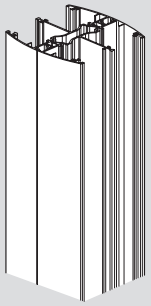


2-compartment columns, mini-columns and movable columns



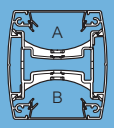
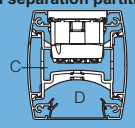
4-compartment columns and mini-columns



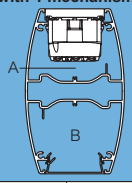
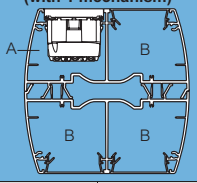


Wiring capacity

1-compartment columns

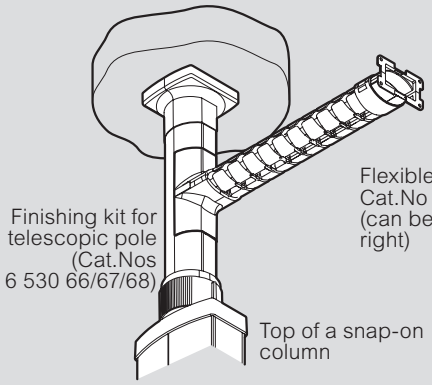
Max. capacity of conductors (for each type of conductor)		1-compartment (with separation partition) 		1-compartment (with 1 mechanism and separation partition) 	
Compartment		A	B	C	D
Total cross-section (mm²)		1440	1440	20	1440
Number of cables	Ø7 mm	16	16	-	16
	Ø9 mm	10	10	-	10
	Ø11 mm	6	6	-	6

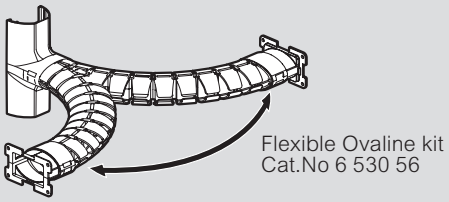
2-compartment and 4-compartment columns

Max. capacity of conductors (for each type of conductor)		2-compartment (with 1 mechanism) 		4-compartment (with 1 mechanism) 	
Compartment		A	B	A	B
Total cross-section (mm²)		1470	3110	1110	2760
Number of cables	Ø7 mm	18	43	14	40
	Ø9 mm	11	26	8	23
	Ø11 mm	6	14	4	14

Note: For wiring capacity corresponding to other types of installation (ovaline column, flexible ovaline kit, etc.) please consult the technical data sheet.

Installation principle of the Flexible Ovaline kit on snap-on column

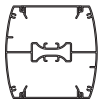
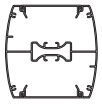
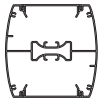




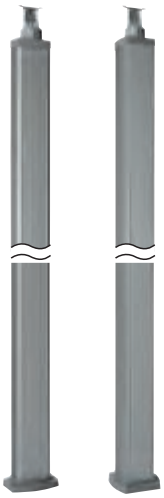
Universal mini-columns

6 531 04 6 531 24 6 531 20 6 531 21 6 531 22

For distribution of power vertically (with the input in separate ducts for high voltage and low voltage cables)
Power supply via the floor or the ceiling (with ovaline kits)
To be equipped with supports for wiring accessories
Cover width 80 mm

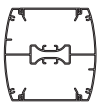
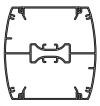
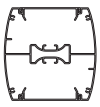
Pack	Cat.Nos	1 compartment	
		Aluminium body and covers	
		White finish	
1	6 531 00	Height 0.30 m	
1	6 531 03	Height 0.68 m	
		Aluminium finish	
1	6 531 01	Height 0.30 m	
1	6 531 04	Height 0.68 m	
		Black finish	
1	6 531 02	Height 0.30 m	
1	6 531 05	Height 0.68 m	
		2 compartments	
		Aluminium body and covers	
		White finish	
1	6 531 20	Height 0.30 m	
1	6 531 23	Height 0.68 m	
		Aluminium finish	
1	6 531 21	Height 0.30 m	
1	6 531 24	Height 0.68 m	
		Black finish	
1	6 531 22	Height 0.30 m	
1	6 531 25	Height 0.68 m	
		Ovaline kits	
		For 1 compartment cover width 80 or 2 compartment cover width 45 mini-columns	
		For powering the mini-column via the ceiling	
1	6 530 63	White finish	
1	6 530 64	Aluminium finish	
1	6 530 65	Black finish	
		Accessories for 1 compartment mini-columns	
1	6 530 84	Table - white finish	
1	6 530 86	Movable foot - white finish	
1	6 530 87	Movable foot - aluminium finish	
1	6 530 89	Movable foot - black finish	
1	6 530 88	Set of 4 wheels with cable-holder	

Universal columns



6 531 11 6 531 31

For distribution of power vertically (with the input in separate ducts for high voltage and low voltage cables)
Power supply via the floor or the ceiling (with ovaline kits)
To be equipped with supports for wiring accessories
Cover width 80 mm

Pack	Cat.Nos	1 compartment	Column body height (m)	Total height between the floor and the ceiling (m) Min.	Max.	
		Aluminium body and covers				
		White finish				
1	6 531 10[1]		2.67	2.77	4.05	
1	6 531 13[1]		3.92	4.02	5.30	
		Aluminium finish				
1	6 531 11[1]		2.67	2.77	4.05	
1	6 531 14[1]		3.92	4.02	5.30	
		Black finish				
1	6 531 12[1]		2.67	2.77	4.05	
1	6 531 15[1]		3.92	4.02	5.30	
		2 compartments				
		Aluminium body and covers				
		White finish				
1	6 531 30[1]		2.67	2.77	4.05	
1	6 531 33[1]		3.92	4.02	5.30	
		Aluminium finish				
1	6 531 31[1]		2.67	2.77	4.05	
1	6 531 34[1]		3.92	4.02	5.30	
		Black finish				
1	6 531 32[1]		2.67	2.77	4.05	
1	6 531 35[1]		3.92	4.02	5.30	

1: For installation with false ceiling, please consult the technical sheet and installation instructions

Accessories, boxes and supports for universal colums

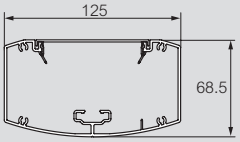
6 531 79

Pack	Cat.Nos	Accessories
1	6 531 69	Metal separation partition, length 1.1 m
1	6 531 80	Panel indicator 150 x 150 mm
1	6 531 83	Shelf, white finish
		Boxes
1	5 102 01	1-gang mounting box
1	5 102 02	2-gang mounting box
1	5 102 03	Junction box
		Supports for wiring accessories
1	6 531 79	Support for mounting Arteor, Mosaic and Belanko S wiring accessories
1	6 531 78	Support adaptor for Mosaic wiring accessories 2 and 3 modules
		Supports for ⌙ rail equipment (columns and mini-columns)
		For mounting ⌙ rail equipment (such as MCBs) on columns and mini-columns. To be used with two 0.5-module spacing units Cat.No 4 063 07 (p. 75) Capacity: 1 module Equipped with protective cover to prevent unwanted triggering For installation on universal columns and mini-columns use a fixing support Cat.No 6 531 79, a 4-module Mosaic support plate Cat.No 0 802 52 (p. 1204) and a 4-module Mosaic plate Cat.Nos 2 778 14L, 0 793 14L or 0 790 54L (p. 1202)
5	0 310 69	White finish
5	0 307 87	Aluminium finish
5	6 530 75	Black finsih

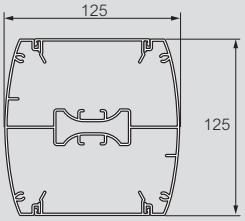
Universal mini-columns and columns

Dimensions (in mm)

1-compartment columns and mini-columns

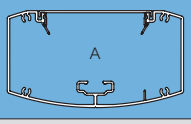
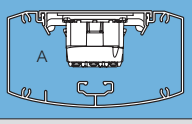


2-compartment columns and mini-columns

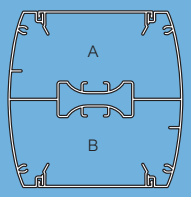
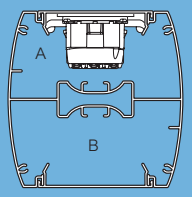


Wiring capacity

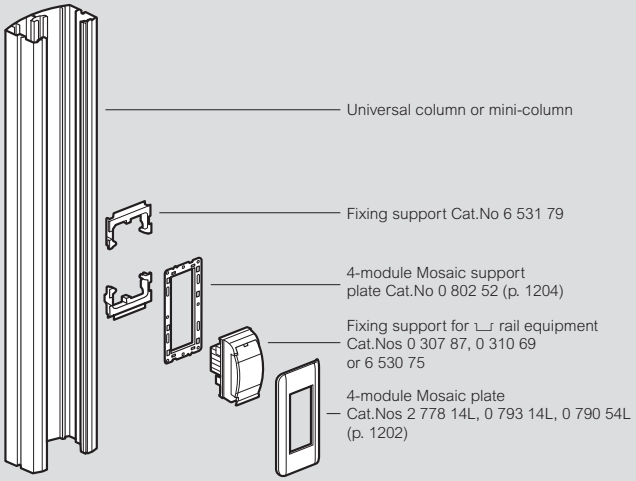
1-compartment columns

Max. capacity of conductors (for each type of conductor)		1-compartment 	1-compartment (with 1 mechanism) 
Compartment		A	A
Total cross-section (mm²)		6900	5050
Number of cables	Ø7 mm	120	84
	Ø9 mm	72	52
	Ø11 mm	50	32

2-compartment columns

Max. capacity of conductors (for each type of conductor)		2-compartment 		2-compartment (with 1 mechanism) 	
Compartment		A	B	A	B
Total cross-section (mm²)		6170	6170	4280	6170
Number of cables	Ø7 mm	106	106	72	106
	Ø9 mm	62	62	42	62
	Ø11 mm	44	44	26	44

Installation principle for special support for mounting ⌙ rail equipment Cat.Nos 0 307 87, 0 310 69 and 6 530 75



Over floor trunking

0 300 92

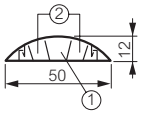
0 300 93

0 328 00

Conform to standard IEC 61084-2-2 and EN 50085-2-2
For creating a link between trunking, column, mini-column, floor units or protecting cables on passageways
Supplied with cover

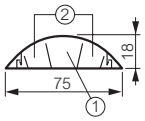
Over floor trunking 50 x 12 mm

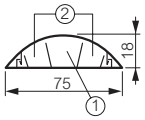
Pack	Cat.Nos	
		PVC trunking
54[1]	0 300 92	Length 2 m, supplied with cover 3 compartments Capacity 1: max. Ø9 mm Capacity 2: max. Ø6 mm Grey RAL 7030
		Accessories
10	0 300 12	Cover joint
10	0 300 11	Flat angle



Over floor trunking 75 x 18 mm

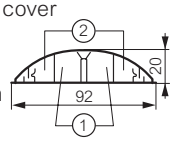
Pack	Cat.Nos	
		PVC trunking
		Length 2 m, supplied with cover 3 compartments Capacity 1: max. Ø14 mm Capacity 2: max. Ø11 mm
36[1]	0 300 88	White RAL 9003
36[1]	0 300 90	Black RAL 9017
36[1]	0 300 93	Grey RAL 7030
		Accessories for PVC floor trunking
		Grey RAL 7030
10	0 300 19	Cover joint
5	0 300 18	Flat angle
		Aluminium trunking
20[1]	0 300 91	Length 2 m, supplied with cover 3 compartments Capacity 1: max. Ø14 mm Capacity 2: max. Ø11 mm





Over floor trunking 92 x 20 mm

Pack	Cat.Nos	
		PVC trunking
18[1]	0 328 00	Length 2 m, supplied with cover 4 compartments Equipped with 2 adhesive strips for better floor fixing Capacity 1: max. Ø14.5 mm Capacity 2: max. Ø9.5 mm RAL 7016
		Accessories
10	0 328 07	End cap
10	0 328 03	Cover joint
5	0 328 02	Flat angle
1	0 328 05	Junction to floor duct



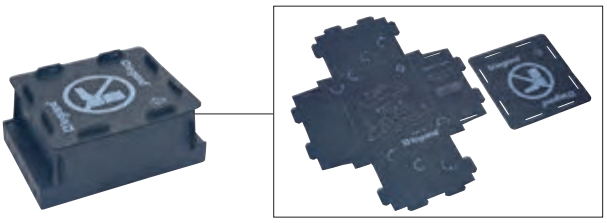
Junction between floor duct and trunkings

To be used with Cat.No 0 328 00

5	0 107 71 + 0 106 90	For cover 65 mm
5	0 107 72 + 0 106 90	For cover 85 mm

1: Number of metres in pack

12-module floor boxes



0 881 70

0 881 71

0 881 72

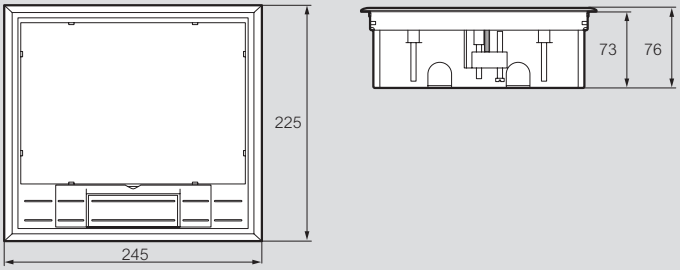
Technical characteristics **see opposite**.

Pack	Cat.Nos	**Plastic cover floor boxes**
		To be equipped with Arteor or Mosaic wiring accessories (direct clipping) Supplied with fixing supports for wiring devices Can be installed directly into raised access floors For screed floors use the backbox Cat.No. 0 881 70 Flooring thickness ≤ 8 mm
4	0 881 71	**For wiring devices in vertical position** 12 modules (2 x 6) Minimum height: - screed floor: 80 mm - raised access floor: 75 mm
4	0 881 72	**For wiring devices in horizontal position** 12 modules (2 x 6) Minimum height: - screed floor: 90 mm - raised access floor: 75 mm
		Screed floor backbox
10	0 881 70	For installation of 12-module floor boxes Cat.Nos 0 881 71/72 into screed floors Flat-pack, to be folded during installation

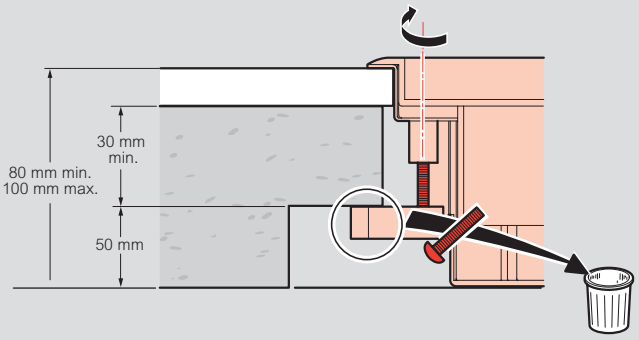
12-module floor boxes

technical characteristics

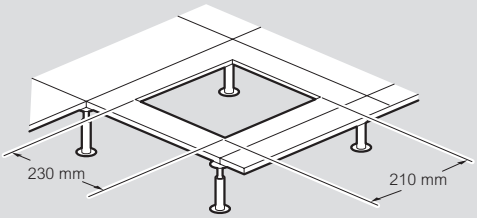
Dimensions

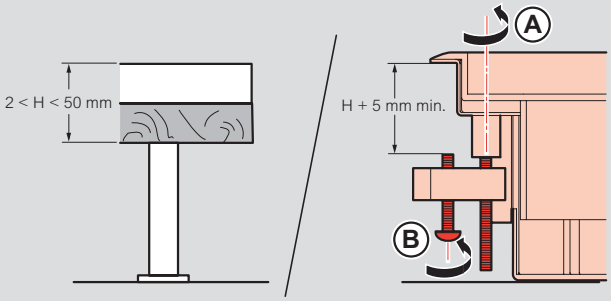


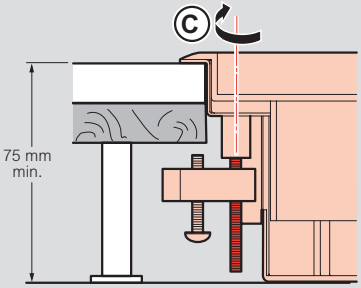
Installation in concrete floor with backbox Cat.No 0 881 70



Installation in raised floor







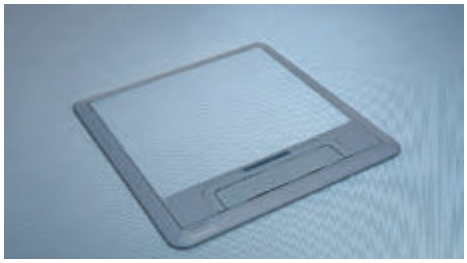
FLOOR BOXES

A truly universal range

The range of floor boxes has been created to integrate perfectly into any type of floor and to satisfy your requirements in terms of finishes, number of sockets, easy installation and use.

Impeccable finish

Different types of lids are compatible with different type of flooring



Floor box with plastic lid & trim

Floor box with brass coating lid & trim and finishing plate

Flush version floor box with stainless steel coating lid

Adaptability

Standard and flush version floor boxes are available in 3 sizes and can take Arteor or Mosaic Programme wiring accessories in horizontal or vertical position.

Standard version floor box with plastic lid & trim and wiring accessories in horizontal position

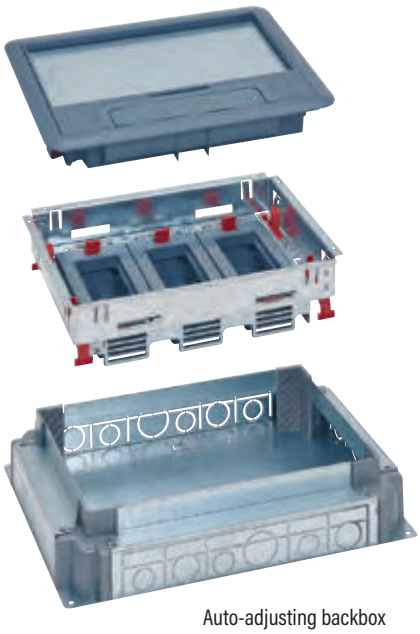
See p. 1140

Flush version floor box with metal lid and wiring accessories in vertical position

See p. 1145

Flexibility

All type of floor boxes can be installed in raised access or concrete floor. The backboxes for concrete floor are common for the entire range in order to optimize the stock and to facilitate the evolution of the installation with minimal intervention (toolless installation).

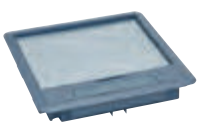
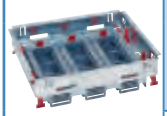
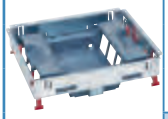


Auto-adjusting backbox

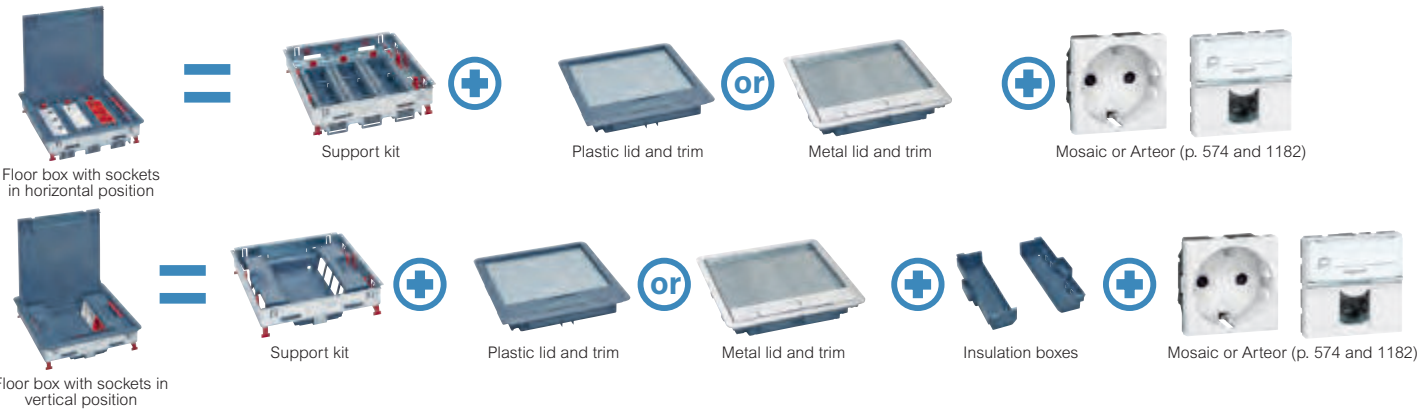
See p. 1151

Standard version floor boxes for raised floor

selection chart

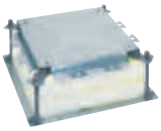
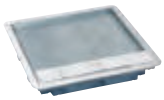
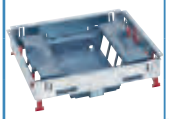
SOCKET MOUNTING POSITION	CAPACITY	FLOOR BOX SUPPORT KITS	LIDS & TRIMS FLOORING THICKNESS ≤ 8 mm			FINISHING PLATES (optional)		INSULATION BOXES
			 Plastic lid and trim 0 880 02		Stainless steel lid and trim 0 880 05	0 880 47		0 880 27
Adjustable horizontal  Hmin: 80 mm	12 (3 x 4) modules	0 880 20	Plastic		0 880 00	Stainless steel	0 880 15	-
			Metal	Stainless steel	0 880 03	Stainless steel	0 880 45	
				Brass	0 880 06	Brass	0 880 48	
	18 (3 x 6) modules	0 880 21	Plastic		0 880 01	Stainless steel	0 880 16	-
			Metal	Stainless steel	0 880 04	Stainless steel	0 880 46	
				Brass	0 880 07	Brass	0 880 49	
	24 (3 x 8) modules	0 880 22	Plastic		0 880 02	Stainless steel	0 880 17	-
			Metal	Stainless steel	0 880 05	Stainless steel	0 880 47	
				Brass	0 880 08	Brass	0 880 50	
Vertical  Hmin: 83 mm	8 (2 x 4) modules	0 880 23	Plastic		0 880 00	Stainless steel	0 880 15	0 880 26
			Metal	Stainless steel	0 880 03	Stainless steel	0 880 45	
				Brass	0 880 06	Brass	0 880 48	
	12 (2 x 6) modules	0 880 24	Plastic		0 880 01	Stainless steel	0 880 16	0 880 27
			Metal	Stainless steel	0 880 04	Stainless steel	0 880 46	
				Brass	0 880 07	Brass	0 880 49	
	16 (2 x 8) modules	0 880 25	Plastic		0 880 02	Stainless steel	0 880 17	0 880 28
			Metal	Stainless steel	0 880 05	Stainless steel	0 880 47	
				Brass	0 880 08	Brass	0 880 50	
Access covers	For lid and trim with 8/12 modules	0 880 39	Plastic		0 880 00	Stainless steel	0 880 15	-
			Metal	Stainless steel	0 880 03	Stainless steel	0 880 45	
				Brass	0 880 06	Brass	0 880 48	
	For lid and trim with 12/18 modules	0 880 40	Plastic		0 880 01	Stainless steel	0 880 16	-
			Metal	Stainless steel	0 880 04	Stainless steel	0 880 46	
				Brass	0 880 07	Brass	0 880 49	
	For lid and trim with 16/24 modules	0 880 41	Plastic		0 880 02	Stainless steel	0 880 17	-
			Metal	Stainless steel	0 880 05	Stainless steel	0 880 47	
				Brass	0 880 08	Brass	0 880 50	

MOUNTING PRINCIPLE

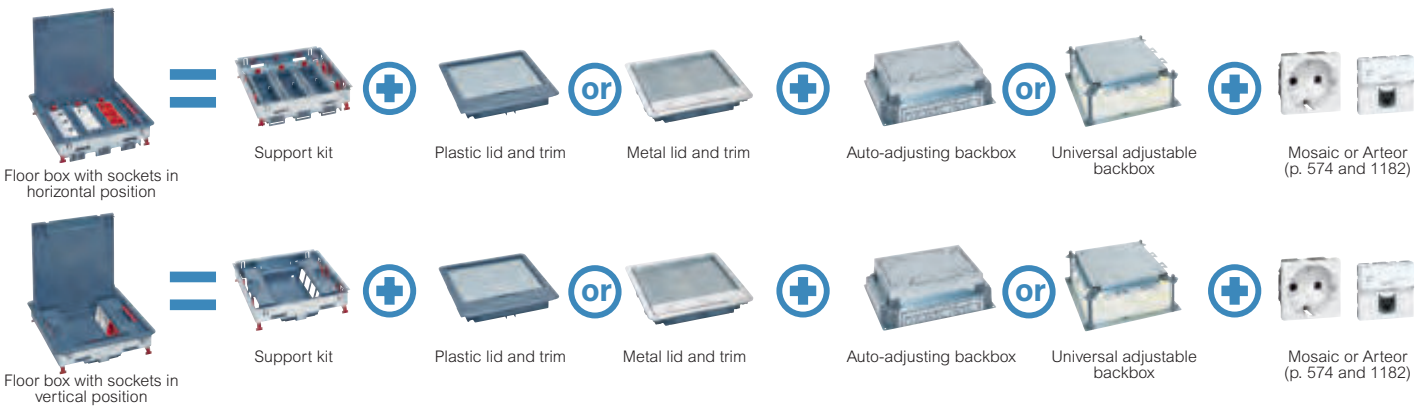


Standard version floor boxes for concrete floor

selection chart

SOCKET MOUNTING POSITION	CAPACITY	FLOOR BOX SUPPORT KITS	BACKBOXES		LIDS & TRIMS FLOORING THICKNESS ≤ 8 MM			FINISHING PLATES (OPTIONAL)	
			AUTO-ADJUSTING BACKBOX FOR SCREED HEIGHT 65 TO 90 MM	UNIVERSAL ADJUSTABLE BACKBOX FOR SCREED HEIGHT 55 TO 125 MM					
			0 880 91	 0 880 80	Plastic lid and trim 0 880 02	 Stainless steel lid and trim 0 880 05		0 880 47	
Adjustable horizontal Hmin: 80 mm	12 (3 x 4) modules	0 880 20	0 880 90[1] screed height ≥ 80 mm	0 880 80 + 0 880 81 screed height ≥ 100 mm	Plastic		0 880 00	Stainless steel	0 880 15
					Metal	Stainless steel	0 880 03	Stainless steel	0 880 45
						Brass	0 880 06	Brass	0 880 48
	18 (3 x 6) modules	0 880 21	0 880 91[1] screed height ≥ 80 mm	0 880 80 + 0 880 82 screed height ≥ 100 mm	Plastic		0 880 01	Stainless steel	0 880 16
					Metal	Stainless steel	0 880 04	Stainless steel	0 880 46
						Brass	0 880 07	Brass	0 880 49
	24 (3 x 8) modules	0 880 22	0 880 92[1] screed height ≥ 80 mm	0 880 80 + 0 880 83 screed height ≥ 100 mm	Plastic		0 880 02	Stainless steel	0 880 17
					Metal	Stainless steel	0 880 05	Stainless steel	0 880 47
						Brass	0 880 08	Brass	0 880 50
Vertical  Hmin: 68 mm	8 (2 x 4) modules	0 880 23	0 880 90	OR 0 880 80 + 0 880 81	Plastic		0 880 00	Stainless steel	0 880 15
					Metal	Stainless steel	0 880 03	Stainless steel	0 880 45
						Brass	0 880 06	Brass	0 880 48
	12 (2 x 6) modules	0 880 24	0 880 91	OR 0 880 80 + 0 880 82	Plastic		0 880 01	Stainless steel	0 880 16
					Metal	Stainless steel	0 880 04	Stainless steel	0 880 46
						Brass	0 880 07	Brass	0 880 49
	16 (2 x 8) modules	0 880 25	0 880 92	OR 0 880 80 + 0 880 83	Plastic		0 880 02	Stainless steel	0 880 17
					Metal	Stainless steel	0 880 05	Stainless steel	0 880 47
						Brass	0 880 08	Brass	0 880 50
Access covers	For lid and trim with 8/12 modules	0 880 39	0 880 90	OR 0 880 80 + 0 880 81	Plastic		0 880 00	Stainless steel	0 880 15
					Metal	Stainless steel	0 880 03	Stainless steel	0 880 45
						Brass	0 880 06	Brass	0 880 48
	For lid and trim with 12/18 modules	0 880 40	0 880 91	OR 0 880 80 + 0 880 82	Plastic		0 880 01	Stainless steel	0 880 16
					Metal	Stainless steel	0 880 04	Stainless steel	0 880 46
						Brass	0 880 07	Brass	0 880 49
	For lid and trim with 16/24 modules	0 880 41	0 880 92	OR 0 880 80 + 0 880 83	Plastic		0 880 02	Stainless steel	0 880 17
					Metal	Stainless steel	0 880 05	Stainless steel	0 880 47
						Brass	0 880 08	Brass	0 880 50

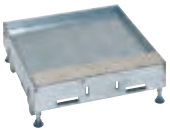
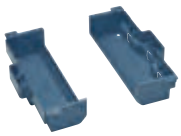
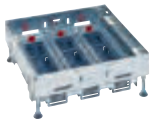
MOUNTING PRINCIPLE



1: Not possible to use straight plugs

Flush version floor boxes for raised floor

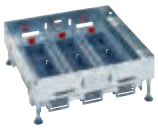
selection chart

SOCKET MOUNTING POSITION	CAPACITY	FLOOR BOX SUPPORT KITS	LID FLOORING THICKNESS ≤ 15 MM		FINISHING PLATES (OPTIONAL)		INSULATION BOXES
			 Metal lid Cat.No 0 881 05 + kit Cat.No 0 881 41		0 881 47		 0 880 27
Adjustable horizontal  Hmin: 92 mm	12 (3 x 4) modules	0 881 20	Stainless steel	0 881 03	Stainless steel	0 881 45	-
			Brass	0 881 06	Brass	0 881 48	
	18 (3 x 6) modules	0 881 21	Stainless steel	0 881 04	Stainless steel	0 881 46	-
			Brass	0 881 07	Brass	0 881 49	
	24 (3 x 8) modules	0 881 22	Stainless steel	0 881 05	Stainless steel	0 881 47	-
			Brass	0 881 08	Brass	0 881 50	
Vertical Hmin: 92 mm	8 (2 x 4) modules	0 881 23	Stainless steel	0 881 03	Stainless steel	0 881 45	0 880 26
			Brass	0 881 06	Brass	0 881 48	
	12 (2 x 6) modules	0 881 24	Stainless steel	0 881 04	Stainless steel	0 881 46	0 880 27
			Brass	0 881 07	Brass	0 881 49	
	16 (2 x 8) modules	0 881 25	Stainless steel	0 881 05	Stainless steel	0 881 47	0 880 28
			Brass	0 881 08	Brass	0 881 50	
Access covers	For lid 8/12 modules	0 881 39	Stainless steel	0 881 03	Stainless steel	0 881 45	-
			Brass	0 881 06	Brass	0 881 48	
	For lid 12/18 modules	0 881 40	Stainless steel	0 881 04	Stainless steel	0 881 46	-
			Brass	0 881 07	Brass	0 881 49	
	For lid 16/24 modules	0 881 41	Stainless steel	0 881 05	Stainless steel	0 881 47	-
			Brass	0 881 08	Brass	0 881 50	

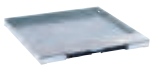
MOUNTING PRINCIPLE

Floor box with sockets in horizontal position

=


Support kit

⊕

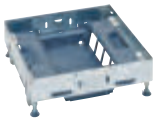

Metal lid

⊕

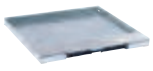
Mosaic or Arteor (p. 574 and 1182)

Floor box with sockets in vertical position

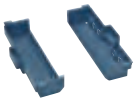
=


Support kit

⊕


Metal lid

⊕

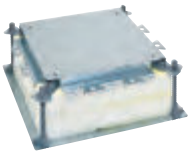
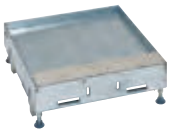
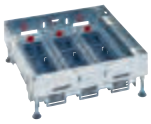
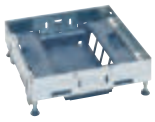

Insulation boxes

⊕

Mosaic or Arteor (p. 574 and 1182)

Flush version floor boxes for concrete floor

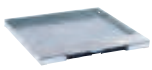
selection chart

SOCKET MOUNTING POSITION	CAPACITY	FLOOR BOX SUPPORT KIT	BACKBOXES		LID FLOORING THICKNESS ≤ 15 MM		FINISHING PLATE (OPTIONAL)	
			AUTO-ADJUSTING BACKBOX FOR SCREED HEIGHT 65 TO 90 MM	UNIVERSAL ADJUSTABLE BACKBOX FOR SCREED HEIGHT 55 TO 125 MM				
			0 880 91	 0 880 80	 Metal lid Cat.No 0 881 05 + kit Cat.No 0 881 41		0 881 47	
Adjustable horizontal  Hmin: 92 mm	12 (3 x 4) modules	0 881 20	0 880 90[1] screed height + coating ≥ 92 mm	0 880 80 + 0 880 81 screed height ≥ 100 mm	Stainless steel	0 881 03	Stainless steel	0 881 45
					Brass	0 881 06	Brass	0 881 48
	18 (3 x 6) modules	0 881 21	0 880 91[1] screed height + coating ≥ 92 mm	0 880 80 + 0 880 82 screed height ≥ 100 mm	Stainless steel	0 881 04	Stainless steel	0 881 46
					Brass	0 881 07	Brass	0 881 49
	24 (3 x 8) modules	0 881 22	0 880 92[1] screed height + coating ≥ 92 mm	0 880 80 + 0 880 83 screed height ≥ 100 mm	Stainless steel	0 881 05	Stainless steel	0 881 47
					Brass	0 881 08	Brass	0 881 50
Vertical  Hmin: 80 mm	8 (2 x 4) modules	0 881 23	0 880 90	OR 0 880 80 + 0 880 81	Stainless steel	0 881 03	Stainless steel	0 881 45
					Brass	0 881 06	Brass	0 881 48
	12 (2 x 6) modules	0 881 24	0 880 91	OR 0 880 80 + 0 880 82	Stainless steel	0 881 04	Stainless steel	0 881 46
					Brass	0 881 07	Brass	0 881 49
	16 (2 x 8) modules	0 881 25	0 880 92	OR 0 880 80 + 0 880 83	Stainless steel	0 881 05	Stainless steel	0 881 47
					Brass	0 881 08	Brass	0 881 50
Access cover	For lid 8/12 modules	0 881 39	0 880 90	OR 0 880 80 + 0 880 81	Stainless steel	0 881 03	Stainless steel	0 881 45
					Brass	0 881 06	Brass	0 881 48
	For lid 12/18 modules	0 881 40	0 880 91	OR 0 880 80 + 0 880 82	Stainless steel	0 881 04	Stainless steel	0 881 46
					Brass	0 881 07	Brass	0 881 49
	For lid 16/24 modules	0 881 41	0 880 92	OR 0 880 80 + 0 880 83	Stainless steel	0 881 05	Stainless steel	0 881 47
					Brass	0 881 08	Brass	0 881 50

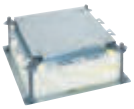
MOUNTING PRINCIPLE

Floor box with sockets in horizontal position

Support kit


Metal lid

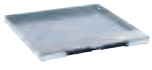
Auto-adjusting backbox


Universal adjustable backbox

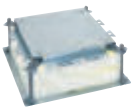
Mosaic or Arteor (p. 574 and 1182)

Floor box with sockets in vertical position

Support kit


Metal lid

Auto-adjusting backbox

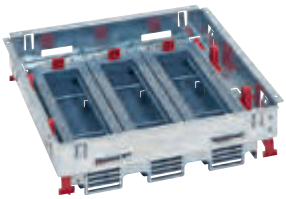

Universal adjustable backbox

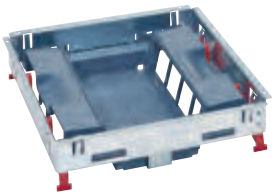
Mosaic or Arteor (p. 574 and 1182)

1: Not possible to use straight plugs

Standard version floor boxes for raised or concrete floor

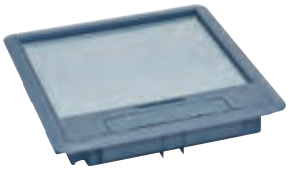
to be composed

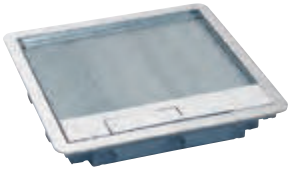

0 880 22

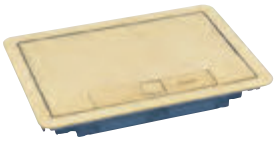

0 880 25

0 880 28

0 880 83


0 880 02


0 880 05


0 880 06 + 0 880 48

0 880 47

0 880 98

0 880 99

Selection charts **p. 1136-1137**
Technical characteristics **p. 1142 to 1144**

Conform to standard IEC/EN 60670-23

Pack	Cat.Nos	Support kits for floor boxes
		To be equipped with Mosaic or Arteor sockets Equipped with support frames for wiring accessories
		For sockets in horizontal position - adjustable height Can be installed directly in the raised floor For concrete floors, use auto-adjusting backboxes Cat.Nos 0 880 90/91/92 (p. 1151) or universal adjustable backbox Cat.No 0 880 80 (p. 1152) and adaptors Cat.Nos 0 880 81/82/83
1	0 880 20	12 (3 x 4) modules
1	0 880 21	18 (3 x 6) modules
1	0 880 22	24 (3 x 8) modules
		For sockets in vertical position For raised floors, use electrical insulation kits Cat.Nos 0 880 26/27/28 For concrete floors, use auto-adjusting backboxes Cat.Nos 0 880 90/91/92 (p. 1151) or universal adjustable backbox Cat.No 0 880 80 (p. 1152) and adaptors Cat.Nos 0 880 81/82/83
1	0 880 23	8 (2 x 4) modules
1	0 880 24	12 (2 x 6) modules
1	0 880 25	16 (2 x 8) modules

Pack	Cat.Nos	Mounting adaptors for concrete floor
		For standard or flush version floor boxes Mounted on universal adjustable backbox Cat.No 0 880 80 (p. 1152)
1	0 880 81	8/12 modules - Cat.Nos 0 880 20/23/39 and 0 881 20/23/39
1	0 880 82	12/18 modules - Cat.Nos 0 880 21/24/40 and 0 881 21/24/40
1	0 880 83	16/24 modules - Cat.Nos 0 880 22/25/41 and 0 881 22/25/41

Pack	Cat.Nos	Electrical insulation kits for raised floor
1	0 880 26	For 8 (2 x 4) module kits Cat.Nos 0 880 23 / 0 881 23
1	0 880 27	For 12 (2 x 6) module kits Cat.Nos 0 880 24 / 0 881 24
1	0 880 28	For 16 (2 x 8) module kits Cat.Nos 0 880 25 / 0 881 25

Pack	Cat.Nos	Kits for access covers
		Can be installed directly in the raised floor For concrete floors, use auto-adjusting backboxes Cat.Nos 0 880 90/91/92 (p. 1151) or universal adjustable backbox Cat.No 0 880 80 (p. 1152) and adaptors Cat.Nos 0 880 81/82/83
		For lid and trim
1	0 880 39	8/12 modules - Cat.Nos 0 880 00/03/06
1	0 880 40	12/18 modules - Cat.Nos 0 880 01/04/07
1	0 880 41	16/24 modules - Cat.Nos 0 880 02/05/08

Pack	Cat.Nos	Lids and trims for standard version floor boxes
		Plastic lids and trims
		For floor box
1	0 880 00	8/12 modules - Cat.Nos 0 880 20/23/39
1	0 880 01	12/18 modules - Cat.Nos 0 880 21/24/40
1	0 880 02	16/24 modules - Cat.Nos 0 880 22/25/41
		Metal lids and trims with stainless steel coating
1	0 880 03	8/12 modules - Cat.Nos 0 880 20/23/39
1	0 880 04	12/18 modules - Cat.Nos 0 880 21/24/40
1	0 880 05	16/24 modules - Cat.Nos 0 880 22/25/41
		Metal lids and trims with brass coating
1	0 880 06	8/12 modules - Cat.Nos 0 880 20/23/39
1	0 880 07	12/18 modules - Cat.Nos 0 880 21/24/40
1	0 880 08	16/24 modules - Cat.Nos 0 880 22/25/41

Pack	Cat.Nos	Finishing plates
		For plastic lids and trims - stainless steel finish
1	0 880 15	8/12 modules
1	0 880 16	12/18 modules
1	0 880 17	16/24 modules
		For metal lids and trims - stainless steel finish
1	0 880 45	8/12 modules
1	0 880 46	12/18 modules
1	0 880 47	16/24 modules
		For metal lids and trims - brass finish
1	0 880 48	8/12 modules
1	0 880 49	12/18 modules
1	0 880 50	16/24 modules

Pack	Cat.Nos	Locking accessories for plastic cover
1	0 880 98	With key
1	0 880 99	Without key

Pack	Cat.Nos	Additional fixing kit for standard floor boxes
		Allows the raised floor slabs to be clamped, when necessary
1	0 880 95	Fixing kit containing 4 claws

Backboxes for concrete floor
p. 1151-1152

Lock on metal cover and prewired solutions: **please consult us**

Standard version floor boxes for raised or concrete floor

supplied in kit

0 880 11

0 880 14

0 880 28

0 880 83

0 880 47

Technical characteristics **p. 1142 to 1144**

Conform to standard IEC/EN 60670-23

Pack	Cat.Nos	Floor boxes supplied in kit
		To be equipped with Mosaic or Arteor sockets Equipped with support frames for wiring accessories
		For sockets in horizontal position - adjustable height Can be installed directly in the raised floor For concrete floors, use auto-adjusting backboxes Cat.Nos 0 880 90/91/92 (p. 1151) or universal adjustable backbox Cat.No 0 880 80 (p. 1152) and adaptors Cat.Nos 0 880 81/82/83
1	0 880 09	12 (3 x 4) modules Composition : 1 support kit Cat.No 0 880 20 and 1 plastic lid and trim Cat.No 0 880 00
1	0 880 10	18 (3 x 6) modules Composition : 1 support kit Cat.No 0 880 21 and 1 plastic lid and trim Cat.No 0 880 01
1	0 880 11	24 (3 x 8) modules Composition : 1 support kit Cat.No 0 880 22 and 1 plastic lid and trim Cat.No 0 880 02
		For sockets in vertical position For raised floors, use electrical insulation kits Cat.Nos 0 880 26/27/28 For concrete floors, use auto-adjusting backboxes Cat.Nos 0 880 90/91/92 (p. 1151) or universal adjustable backbox Cat.No 0 880 80 (p. 1152) and adaptors Cat.Nos 0 880 81/82/83
1	0 880 12	8 (2 x 4) modules Composition : 1 support kit Cat.No 0 880 23 and 1 plastic lid and trim Cat.No 0 880 00
1	0 880 13	12 (2 x 6) modules Composition : 1 support kit Cat.No 0 880 24 and 1 plastic lid and trim Cat.No 0 880 01
1	0 880 14	16 (2 x 8) modules Composition : 1 support kit Cat.No 0 880 25 and 1 plastic lid and trim Cat.No 0 880 02

		Mounting adaptors for concrete floor
		For standard or flush version floor boxes Mounted on universal adjustable backbox Cat.No 0 880 80 (p. 1152)
1	0 880 81	8/12 modules - Cat.Nos 0 880 09/12/20/23/39 and 0 881 20/23/39
1	0 880 82	12/18 modules - Cat.Nos 0 880 10/13/21/24/40 and 0 881 21/24/40
1	0 880 83	16/24 modules - Cat.Nos 0 880 11/14/22/25/41 and 0 881 22/25/41

Pack	Cat.Nos	Electrical insulation kits for raised floor
1	0 880 26	For 8 (2 x 4) module kits Cat.Nos 0 880 12/23 and 0 881 23
1	0 880 27	For 12 (2 x 6) module kits Cat.Nos 0 880 13/24 and 0 881 24
1	0 880 28	For 16 (2 x 8) module kits Cat.Nos 0 880 14/25 and 0 881 25

		Finishing plates
		For plastic lids and trims - stainless steel finish
1	0 880 15	8/12 modules
1	0 880 16	12/18 modules
1	0 880 17	16/24 modules

		Locking accessories for plastic cover
1	0 880 98	With key
1	0 880 99	Without key

		Additional fixing kit for standard floor boxes
		Allows the raised floor slabs to be clamped, when necessary
1	0 880 95	Fixing kit containing 4 claws

Backboxes for concrete floor
p. 1151-1152

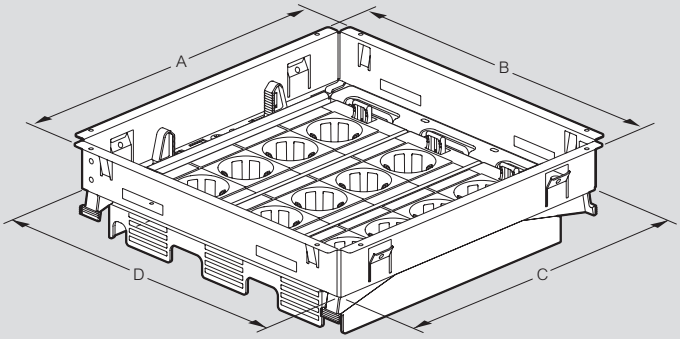
Lock on metal cover and prewired solutions: **please consult us**

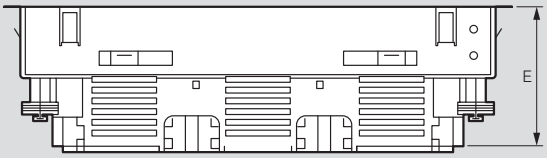
Red catalogue numbers: New products

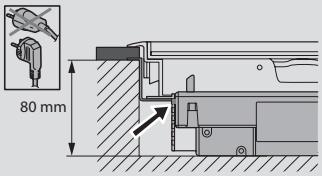
Standard version floor boxes - sockets in horizontal position

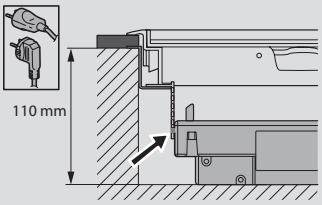
technical characteristics

Dimensions



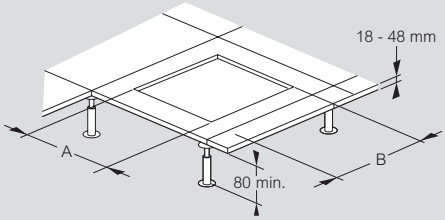






Cat.Nos	A (mm)	B (mm)	C (mm)	D (mm)	E (mm)
0 880 20	199	282	181	264	78
0 880 21	234		219		
0 880 22	282		264		

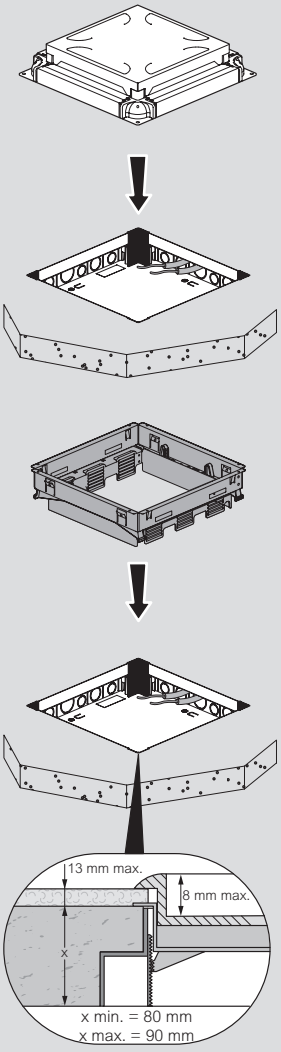
For installation in raised floor



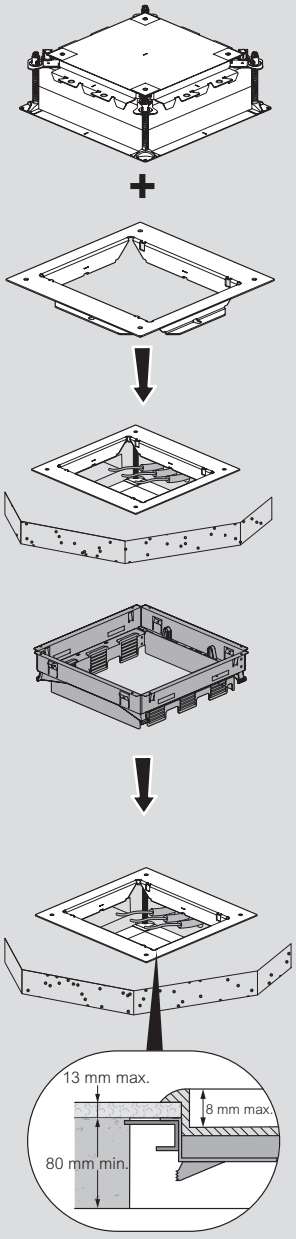
Cat.Nos	A (mm)	B (mm)
0 880 20	181	264
0 880 21	219	
0 880 22	264	

Installation principle in concrete floor

With auto-adjusting backbox



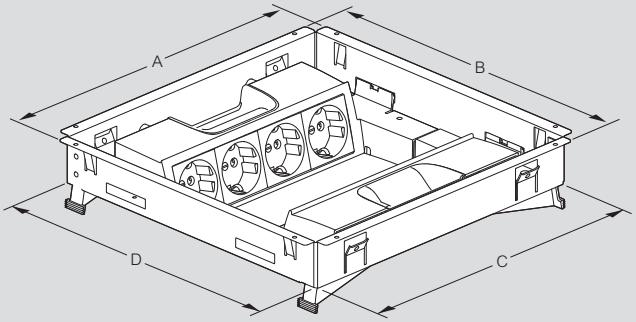
With universal adjustable backbox



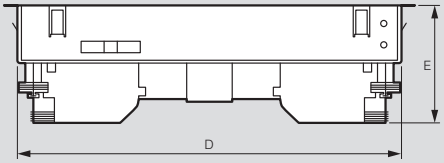
Standard version floor boxes - sockets in vertical position

technical characteristics

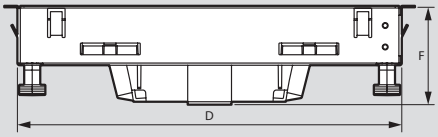
Dimensions



Installation in a raised floor with electrical insulation kits Cat.Nos 0 880 26/27/28

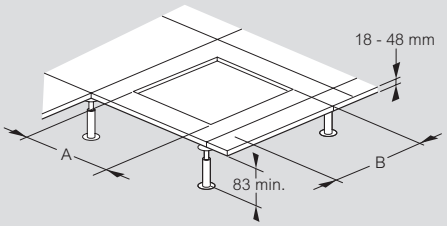


Installation in a backbox for concrete floor

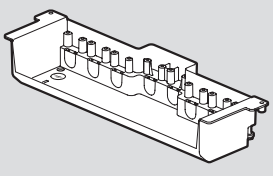


Cat.Nos	A (mm)	B (mm)	C (mm)	D (mm)	E (mm)	F (mm)
0 880 23	199	282	181	264	81	67
0 880 24	237		219			
0 880 25	282		264			

For installation in raised floor



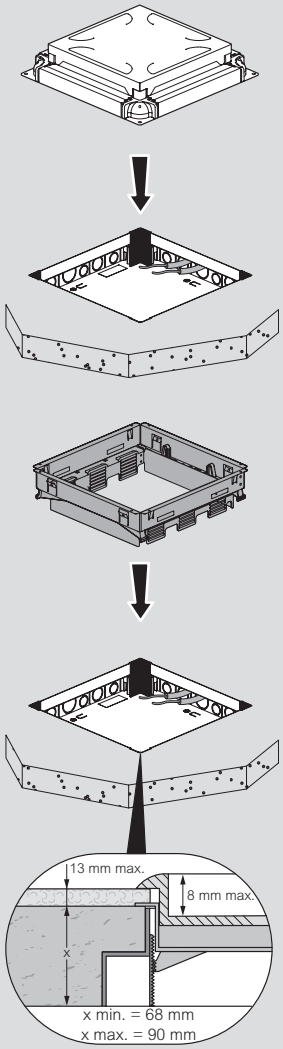
Cat.Nos	A (mm)	B (mm)
0 880 23	181	264
0 880 24	219	
0 880 25	264	



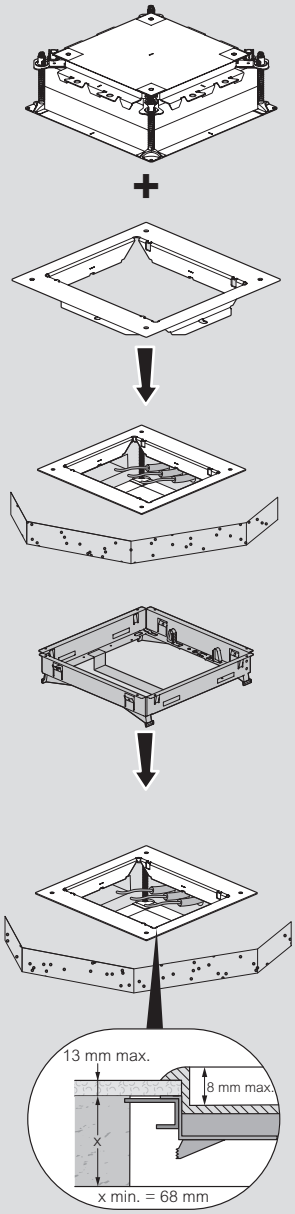
x 2

Installation principle in concrete floor

With auto-adjusting backbox



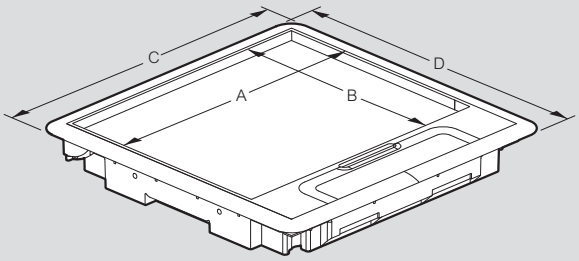
With universal adjustable backbox



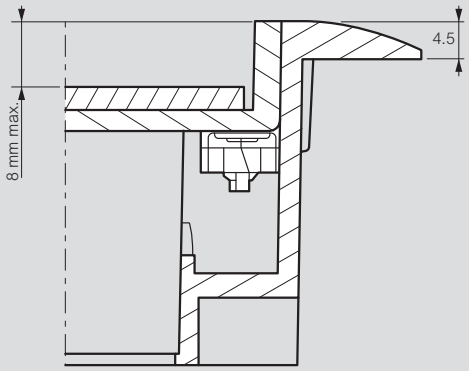
Standard version floor boxes

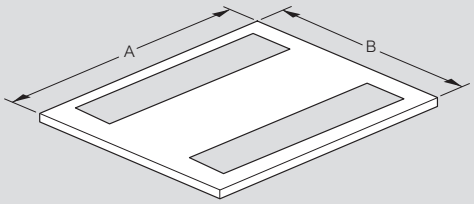
plastic lid and trim and finishing plate technical characteristics

Dimensions

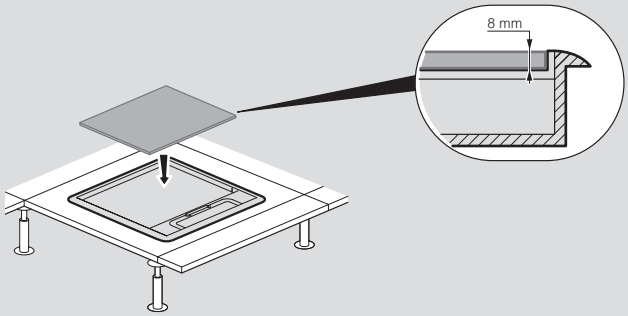


Cat.Nos	A (mm)	B (mm)	C (mm)	D (mm)
0 880 00	245	117	286	203
0 880 01		155		241
0 880 02		200		286





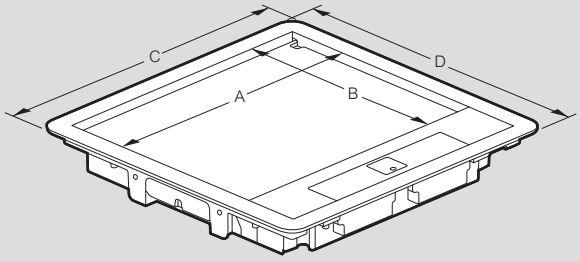
Cat.Nos	A (mm)	B (mm)
0 880 15	244	116
0 880 16		154
0 880 17		199



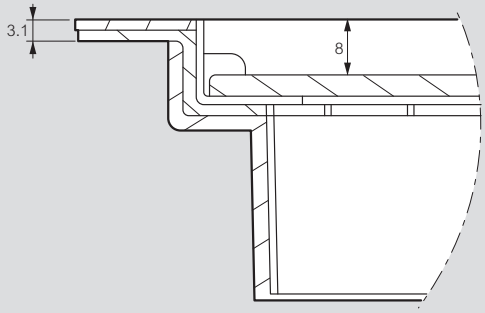
Standard version floor boxes

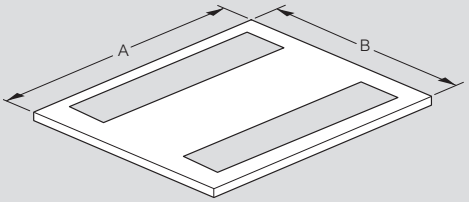
metal lid and trim and finishing plate technical characteristics

Dimensions

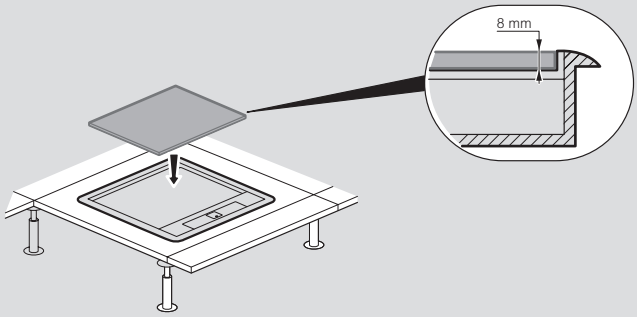


Cat.Nos	A (mm)	B (mm)	C (mm)	D (mm)
0 880 03/06	250	118	286	203
0 880 04/07		156		241
0 880 05/08		200		286



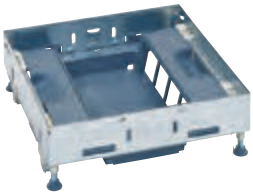


Cat.Nos	A (mm)	B (mm)
0 880 45/48	248	116
0 880 46/49		154
0 880 47/50		199



Flush version floor boxes for raised or concrete floor

0 881 22


0 881 25

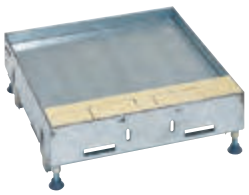
0 881 41

0 880 28

0 881 42

0 880 83

0 881 05 + 0 881 41


0 881 08 + 0 881 41

0 881 47

Selection charts **p. 1138-1139**
Technical characteristics **p.1146-1147**

Conform to standard IEC/EN 60670-23
Particularly suitable for tiled or marble floors

Pack	Cat.Nos	Support kits for floor boxes
		To be equipped with Mosaic or Arteor sockets Equipped with support frames for wiring accessories **For sockets in horizontal position - adjustable height** Can be installed directly in the raised floor For concrete floors, use auto-adjusting backboxes Cat.Nos 0 880 90/91/92 (p. 1151) or universal adjustable backbox Cat.No 0 880 80 (p. 1152) and adaptors Cat.Nos 0 880 81/82/83
1	0 881 20	12 (3 x 4) modules
1	0 881 21	18 (3 x 6) modules
1	0 881 22	24 (3 x 8) modules
		For sockets in vertical position For raised floors, use electrical insulation kits Cat.Nos 0 880 26/27/28 For concrete floors, use auto-adjusting backboxes Cat.Nos 0 880 90/91/92 (p. 1151) or universal adjustable backbox Cat.No 0 880 80 (p. 1152) and adaptors Cat.Nos 0 880 81/82/83
1	0 881 23	8 (2 x 4) modules
1	0 881 24	12 (2 x 6) modules
1	0 881 25	16 (2 x 8) modules

Pack	Cat.Nos	Mounting adaptors for concrete floor
		For floor boxes (standard or flush version) Mounted on universal adjustable backbox Cat.No 0 880 80 (p. 1152)
1	0 880 81	8/12 modules - Cat.Nos 0 880 20/23/39 and 0 881 20/23/39
1	0 880 82	12/18 modules - Cat.Nos 0 880 21/24/40 and 0 881 21/24/40
1	0 880 83	16/24 modules - Cat.Nos 0 880 22/25/41 and 0 881 22/25/41

Pack	Cat.Nos	Electrical insulation kits for raised floor
1	0 880 26	For 8 (2 x 4) module kits Cat.Nos 0 880 23 and 0 881 23
1	0 880 27	For 12 (2 x 6) module kits Cat.Nos 0 880 24 and 0 881 24
1	0 880 28	For 16 (2 x 8) module kits Cat.Nos 0 880 25 and 0 881 25

Pack	Cat.Nos	Kits for access covers
		Can be installed directly in the raised floor For concrete floors, use auto-adjusting backboxes Cat.Nos 0 880 90/91/92 (p. 1151) or universal adjustable backbox box Cat.No 0 880 80 (p. 1152) and adaptors Cat.Nos 0 880 81/82/83 For lid
1	0 881 39	8/12 modules - Cat.Nos 0 881 03/06
1	0 881 40	12/18 modules - Cat.Nos 0 881 04/07
1	0 881 41	16/24 modules - Cat.Nos 0 881 05/08

Pack	Cat.Nos	Set of feet for H > 122 mm
1	0 881 42	4 screw-on feet For support kits Cat.Nos 0 881 20/21/22/23/24/25/39/40/41 Fitted instead of the original feet

Pack	Cat.Nos	Lids for floor boxes (flush version)
		Installed on floor box support kits **Metal lids with stainless steel coating** For floor box:
1	0 881 03	8/12 modules - Cat.Nos 0 881 20/23/39
1	0 881 04	12/18 modules - Cat.Nos 0 881 21/24/40
1	0 881 05	16/24 modules - Cat.Nos 0 881 22/25/41
		Metal lids with brass coating
1	0 881 06	8/12 modules - Cat.Nos 0 881 20/23/39
1	0 881 07	12/18 modules - Cat.Nos 0 881 21/24/40
1	0 881 08	16/24 modules - Cat.Nos 0 881 22/25/41

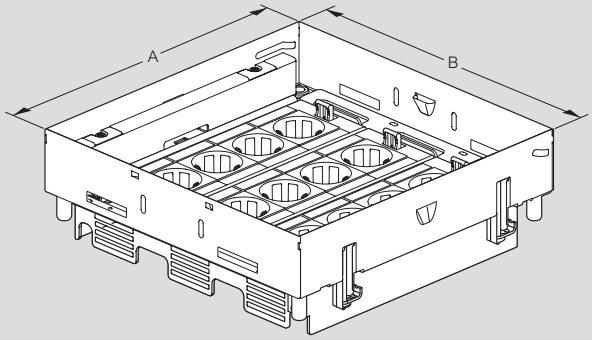
Pack	Cat.Nos	Finishing plates
		Stainless steel finish
1	0 881 45	8/12 modules
1	0 881 46	12/18 modules
1	0 881 47	16/24 modules
		Brass finish
1	0 881 48	8/12 modules
1	0 881 49	12/18 modules
1	0 881 50	16/24 modules

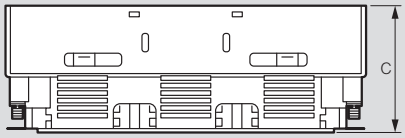
Backboxes for concrete floors
p. 1151-1152

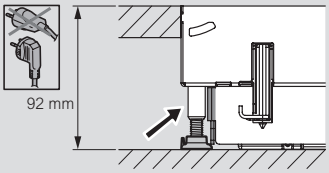
Flush version floor boxes - sockets in horizontal position

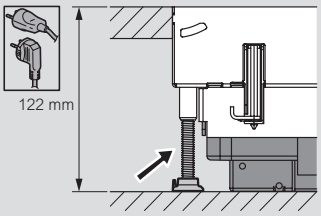
technical characteristics

Dimensions





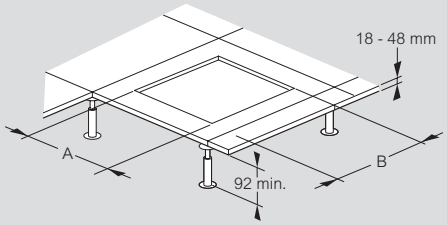




Cat.Nos	A (mm)	B (mm)	C (mm)
0 881 20	181	265	92
0 881 21	219		
0 881 22	264		

For heights of more than 122 mm, use feet Cat.No 0 881 42

For installation in raised floor

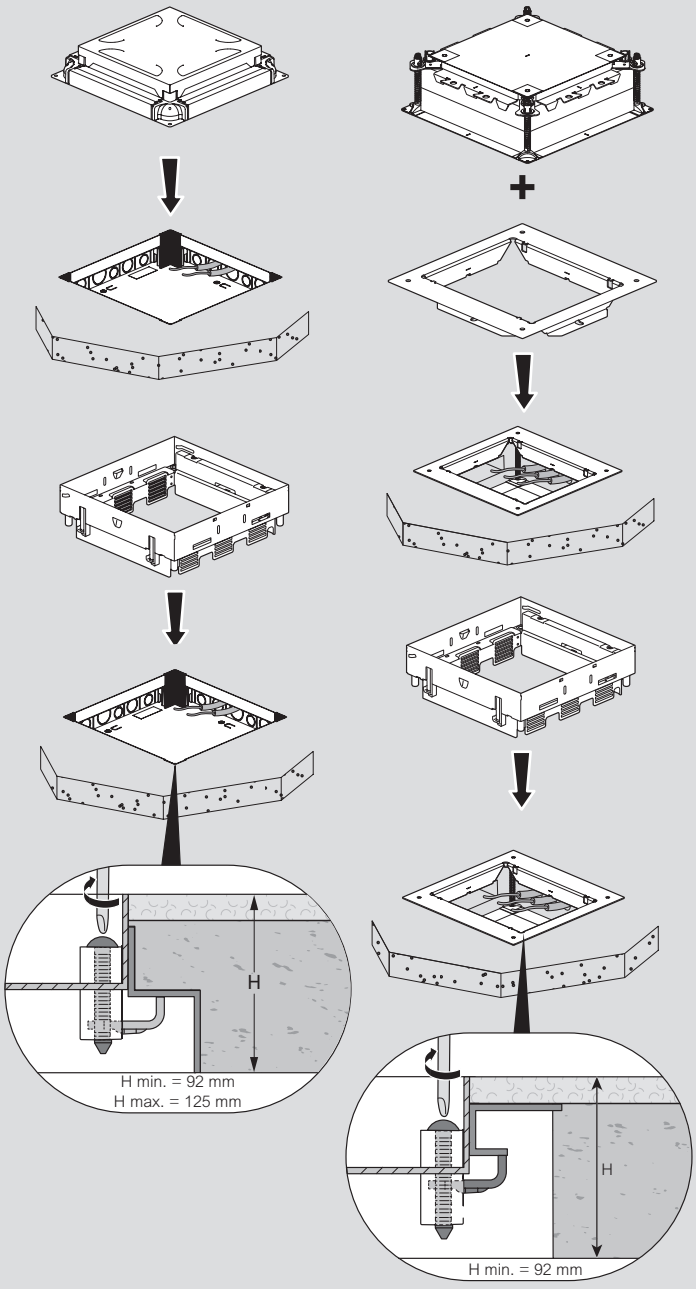


Cat.Nos	A (mm)	B (mm)
0 881 20	182	265
0 881 21	220	
0 881 22	265	

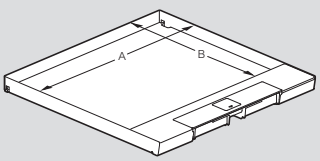
Installation principle in concrete floor

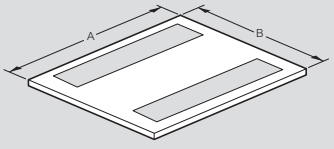
With auto-adjusting backbox

With universal adjustable backbox



Metal lid and finishing plate (dimensions)





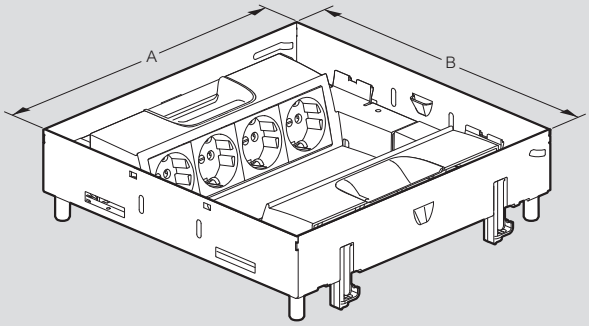
Cat.Nos	A (mm)	B (mm)
0 881 03/06	259	127
0 881 04/07		165
0 881 05/08		210

Cat.Nos	A (mm)	B (mm)
0 881 45/48	257	125
0 881 46/49		163
0 881 47/50		208

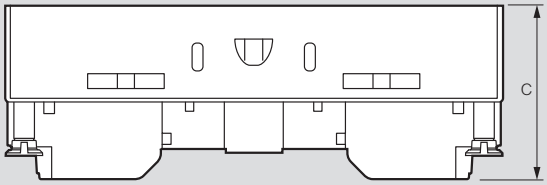
Flush version floor boxes - sockets in vertical position

technical characteristics

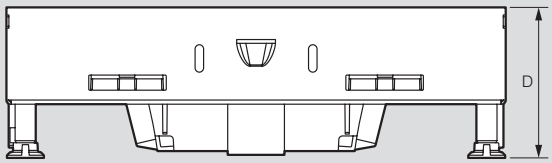
Dimensions



Installation in a raised floor with electrical insulation kits Cat.Nos 0 880 26/27/28



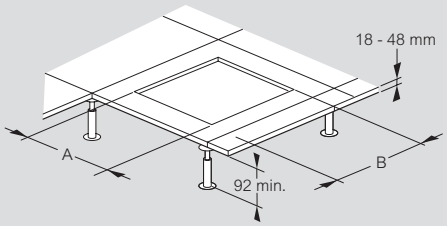
Installation in a backbox for concrete floor



Cat.Nos	A (mm)	B (mm)	C (mm)	D (mm)
0 881 23	181	265	92	80
0 881 24	219			
0 881 25	264			

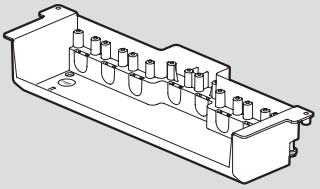
For heights of more than 122 mm, use feet Cat.No 0 881 42

For installation in raised floor



Cat.Nos	A (mm)	B (mm)
0 880 23	181	264
0 880 24	219	
0 880 25	264	

For use with electrical insulation kits Cat.Nos 0 880 26/27/28

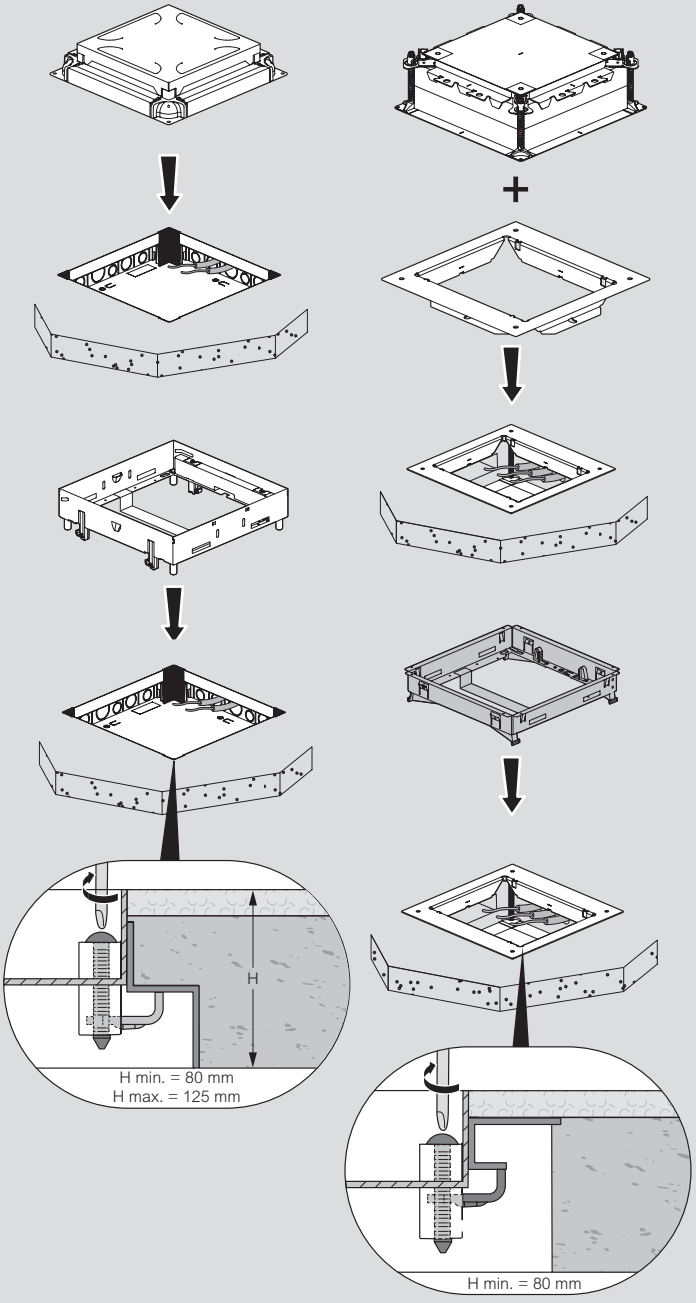


x 2

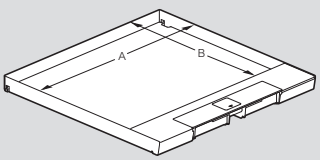
Installation principle in concrete floor

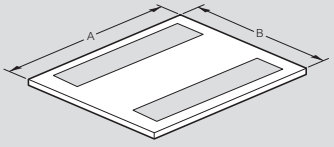
With auto-adjusting backbox

With universal adjustable backbox



Metal lid and finishing plate (dimensions)





Cat.Nos	A (mm)	B (mm)
0 881 03/06	259	127
0 881 04/07		165
0 881 05/08		210

Cat.Nos	A (mm)	B (mm)
0 881 45/48	257	125
0 881 46/49		163
0 881 47/50		208

Round version floor boxes

0 881 26

0 881 27

0 881 27 with carpet

0 880 89

0 881 44

0 880 98

0 880 99

Technical characteristics **p. 1149-1150**

Conform to standard IEC/EN 60670-23

Pack	Cat.Nos	Floor boxes with plastic lid and trim
		To be equipped with Mosaic or Arteor sockets Can be installed directly in the raised floor For concrete floors, use adaptor Cat.No 0 880 89 and universal adjustable backbox Cat.No 0 880 80 (p. 1152) Equipped with support frames for wiring accessories
		For wiring accessories in horizontal position - adjustable height
1	0 881 26	20 modules
		For wiring accessories in vertical position
1	0 881 27	12 modules (takes up to 16 modules depending on configuration)

Pack	Cat.Nos	Mounting adaptor for concrete floor
		For floor boxes (round version)
1	0 880 89	12/20 modules Mounted on universal adjustable backbox Cat.No 0 880 80 (p. 1152)

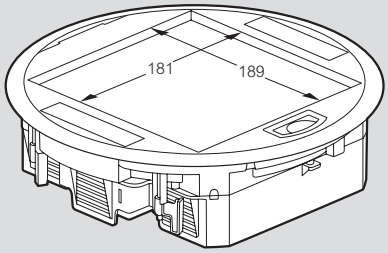
Pack	Cat.Nos	Finishing plate
1	0 881 44	12/20 modules - stainless steel finish

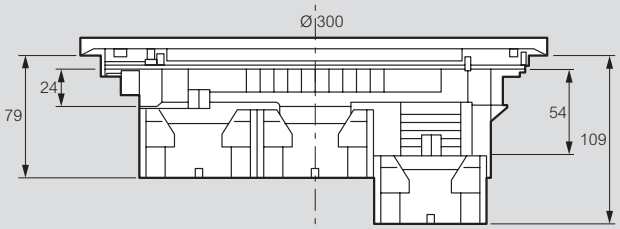
		Locking accessories for cover
1	0 880 98	With key
1	0 880 99	Without key

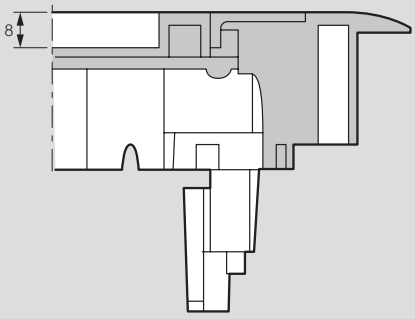
Backboxes for concrete floors
p. 1152

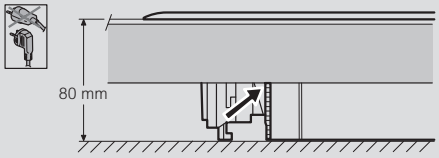
Round version floor boxes - sockets in horizontal position - technical characteristics

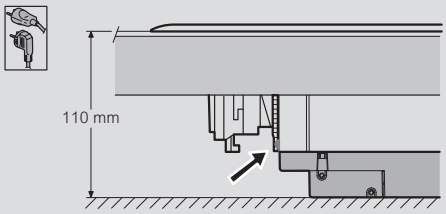
Dimensions



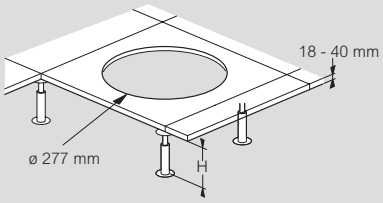








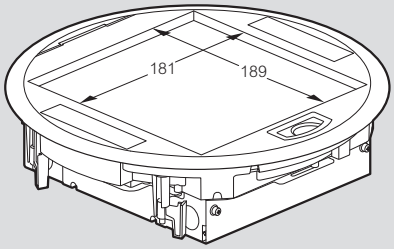
For installation in raised floor

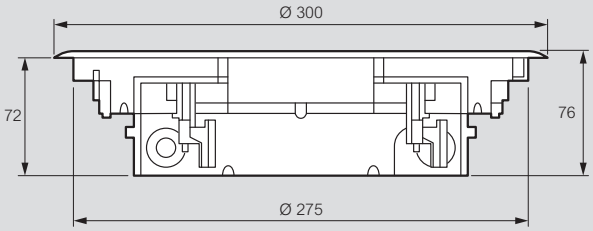


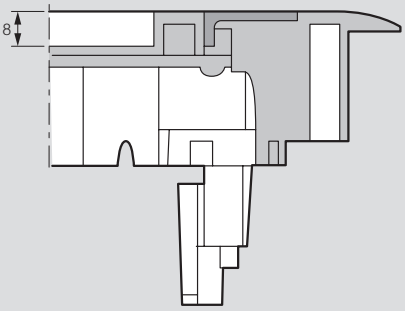
Cat.No	Hmin. (mm)
0 881 26	80

Round version floor boxes - sockets in vertical position - technical characteristics

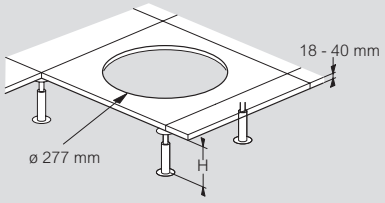
Dimensions







For installation in raised floor

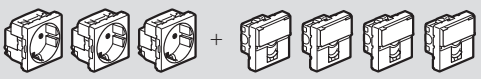


Cat.No	Hmin. (mm)
0 881 27	80

Capacity of floor boxes Cat.No 0 881 27 depending on configuration, for optimised cabling operations

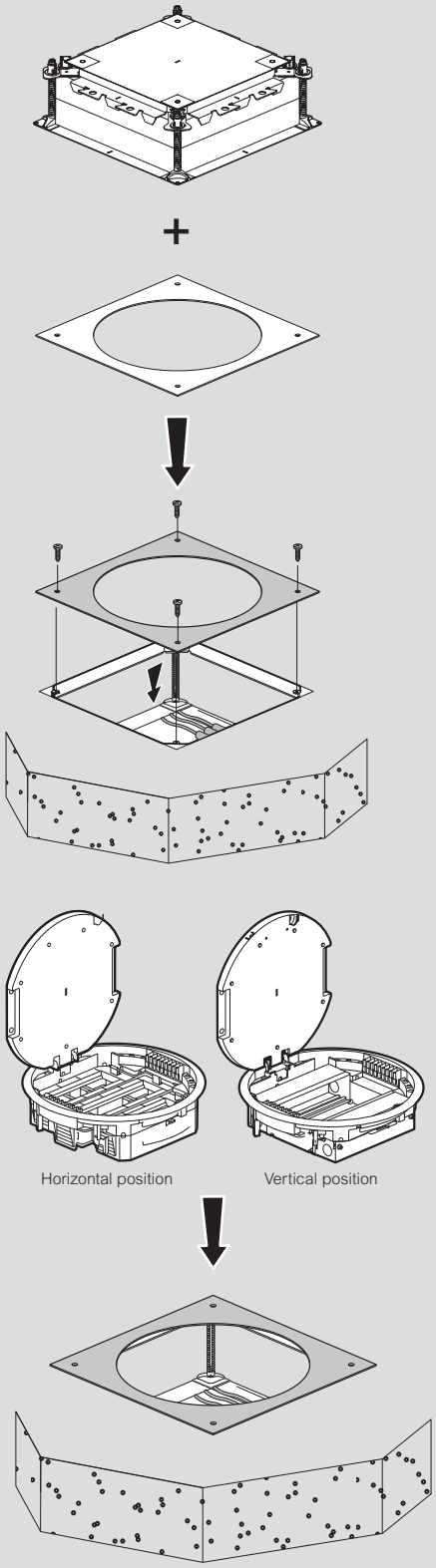
Wiring accessories	Capacity (maximum number of modules)
2P+E sockets only	12 (2 x 6)
RJ 11 or RJ 45 sockets only	16 (2 x 8)

Configuration example:



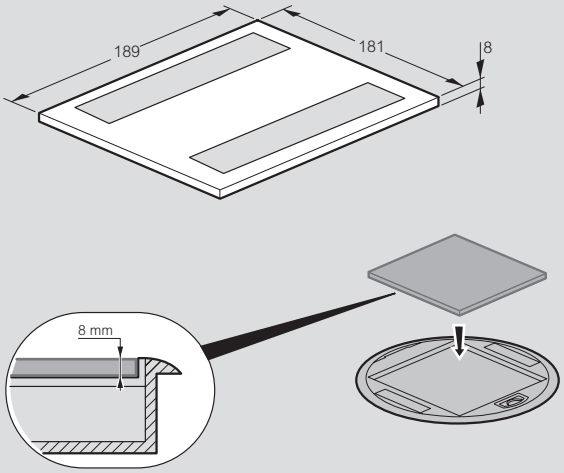
Round version floor boxes - sockets in horizontal/vertical position

Installation principle in concrete floor

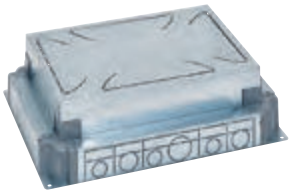


Round version floor boxes - finishing plate - technical characteristics

Dimensions



Auto-adjusting backboxes for floor boxes and access covers



0 880 90

0 880 91

Technical characteristics **see opposite**.

Conform to standard IEC/EN 60670-23

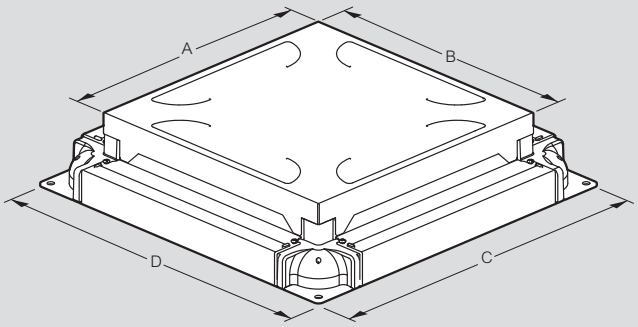
Pack	Cat.Nos	**Auto-adjusting backboxes for concrete floor**
		Screed height: 65 to 90 mm
		For floor boxes (standard or flush version)
1	0 880 90	8/12 modules Cat.Nos 0 880 20/23/39 and 0 881 20/23/39
1	0 880 91	12/18 modules Cat.Nos 0 880 21/24/40 and 0 881 21/24/40
1	0 880 92	16/24 modules Cat.Nos 0 880 22/25/41 and 0 881 22/25/41

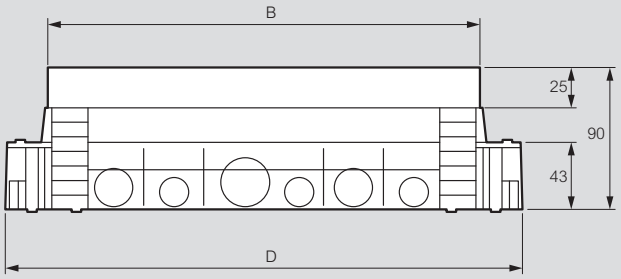
Floor boxes (standard, flush and round version)
p. 1136 to 1150

Auto-adjusting backboxes

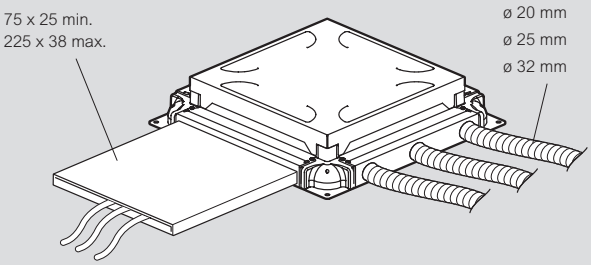
technical characteristics

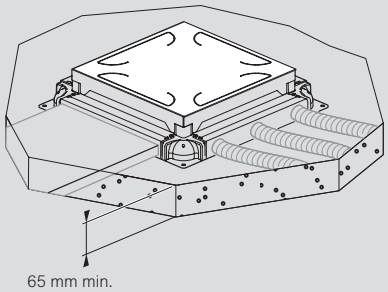
Dimensions



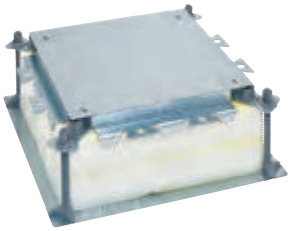


Cat.Nos	A (mm)	B (mm)	C (mm)	D (mm)
0 880 90	187		242	
0 880 91	225	270	280	325
0 880 92	270		325	



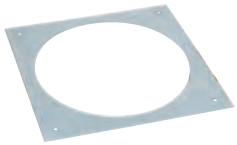


Universal adjustable backbox for floor boxes and access covers

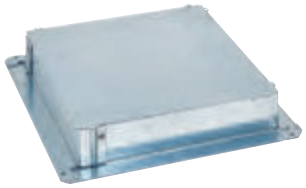


0 880 80

0 880 83



0 880 89



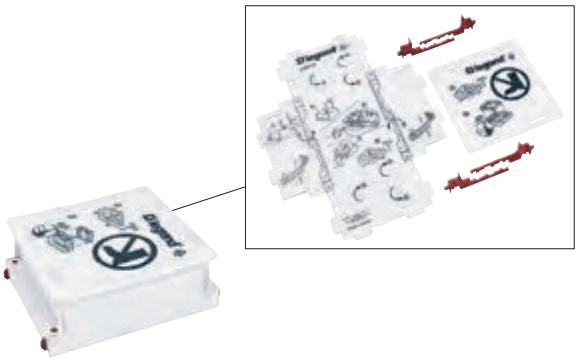
0 880 85

Technical characteristics **p. 1153-1154**

Conform to standard IEC/EN 60670-23

Pack	Cat.Nos	
		Universal adjustable backbox for concrete floor
1	0 880 80	Screed height: 55 to 125 mm
		Height extension feets
1	0 880 86	Kit of 4 height extension feets for universal adjustable backbox Cat.No 0 880 80
		Bloc of foam for height extension
3	0 880 88	Bloc of foam for height extension for universal adjustable backbox Cat.No 0 880 80
		Mounting adaptors for concrete floor
		For standard or flush version floor boxes
1	0 880 81	8/12 modules Cat.Nos 0 880 20/23/39 and 0 881 20/23/39
1	0 880 82	12/18 modules Cat.Nos 0 880 21/24/40 and 0 881 21/24/40
1	0 880 83	16/24 modules Cat.Nos 0 880 22/25/41 and 0 881 22/25/41
		For round version floor boxes
1	0 880 89	12/20 modules
		Finishing kit for waxed concrete
1	0 880 85	For 16/24-module standard version floor boxes

Foldable backboxes for floor boxes and access covers



0 881 92

Pack	Cat.Nos	
		Foldable backboxes for concrete floor
		Can be used for a new installation or for renovation Screed height: 70 to 110 mm
		For standard version floor boxes
1	0 881 90	8/12 modules Cat.Nos 0 880 20/23/39
1	0 881 91	12/18 modules Cat.Nos 0 880 21/24/40
1	0 881 92	16/24 modules Cat.Nos 0 880 22/25/41

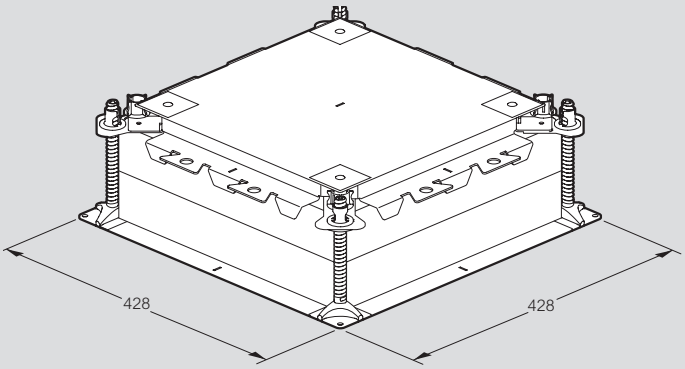
Floor boxes (standard, flush and round version)
p. 1136-1150

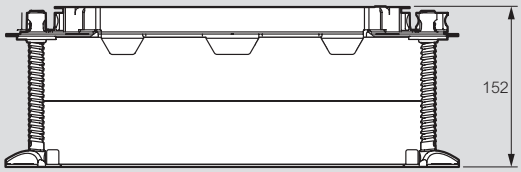
Universal adjustable backbox and extension kit

technical characteristics

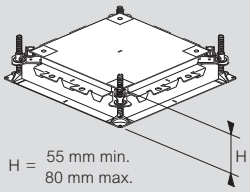
Dimensions

Universal adjustable backbox Cat.No 0 880 80

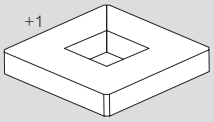


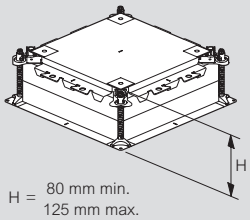


Installation principle

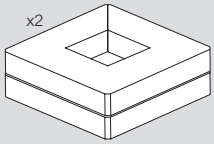


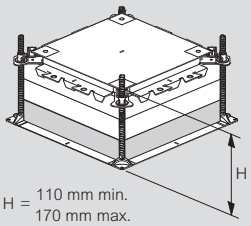
H = 55 mm min.
80 mm max.



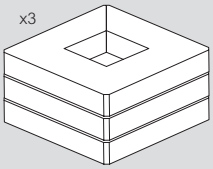


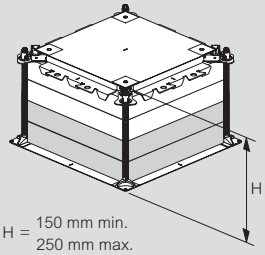
H = 80 mm min.
125 mm max.



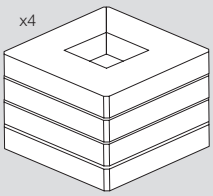


H = 110 mm min.
170 mm max.





H = 150 mm min.
250 mm max.

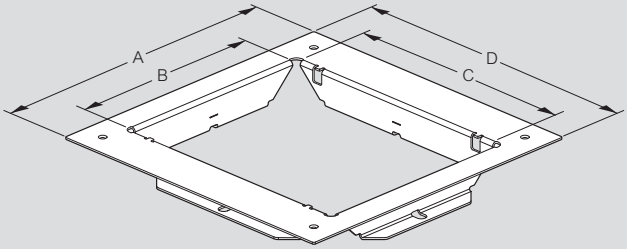


Adaptors for floor boxes

technical characteristics

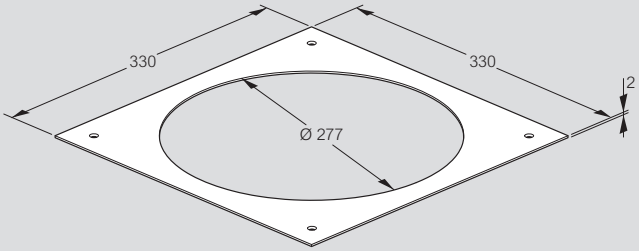
Dimensions

Cat.Nos 0 880 81/82/83



Cat.Nos	A (mm)	B (mm)	C (mm)	D (mm)
0 880 81	330	182	265	330
0 880 82		219		
0 880 83		265		

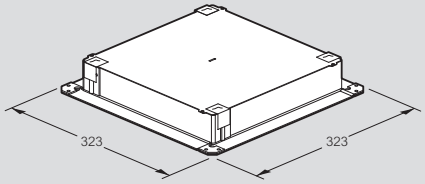
Cat.No 0 880 89

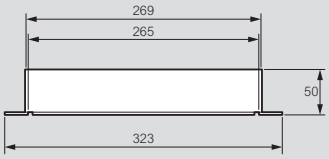


Finishing kit for waxed concrete

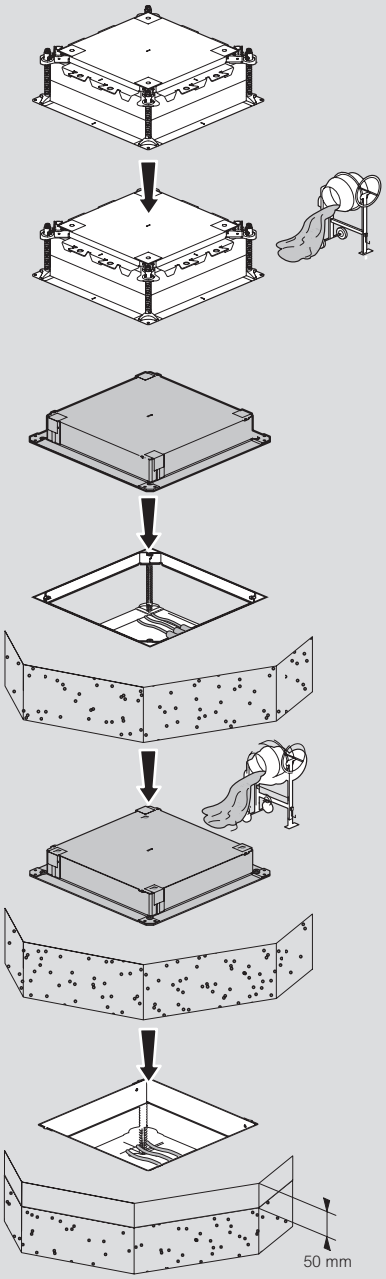
technical characteristics

Dimensions





Installation principle in concrete floor



Floor boxes for carpet

6 896 30 equipped with British Standard sockets and wiring devices

Rigid cable exits

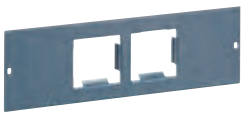
6 896 31 equipped with British Standard sockets and wiring devices

Flexible cable exits

6 896 39

6 896 60

6 896 34



6 896 73

6 896 58

6 896 78

Technical characteristics **p. 1156-1157**

Conform to IEC/EN 60670-23
Compatible with either raised access floor trunking system and screed floor system

Pack	Cat.Nos	Lid and trims for carpet
		To be equipped with Arteor wiring accessories Supplied with flexible or rigid cable exits
		3-compartment floor boxes To be fllled on either - modular backbox for raised floors Cat.No 6 896 39 - screed floor backbox Cat.No 6 896 34
5	6 896 30	Grey cover RAL 7031 with rigid cable exits
5	6 896 31	Grey cover RAL 7031 with flexible cable exits
		4-compartment floor boxes To be fllled on either - modular backbox for raised floors Cat.No 6 896 49 - screed floor backbox Cat.No 6 896 45
5	6 896 40	Grey cover RAL 1019 with rigid cable exits
5	6 896 41	Grey cover RAL 1019 with flexible cable exits

Pack	Cat.Nos	Modular backbox for raised floors
		Adjustable height between 86 to 107 mm To be fitted with lid and trims for carpet and support plates for Arteor or Mosaic wiring accessories (p. 560 and 1172) Backboxes are connected to the raised floor trunking system with flexible conduits One complete assembly consists of: support frame + modules + lid and trim
		Support frame To be equipped with modules below
1	6 896 39	3 compartments (264 x 264 mm)
1	6 896 49	4 compartments (264 x 341 mm)
		Module
4	6 896 60	Single module for 77 mm plates

Pack	Cat.Nos	Screed floor backboxes
		To be fitted with lid and trim for carpet and support plates for Arteor mechanisms Accept PVC and metal screed floor ducting and conduits Ø20 mm and Ø25 mm Auto-adjustable to screed height 65 up to 90 mm
		For ducting up to 225 mm
1	6 896 34	3 compartments
		For ducting up to 300 mm
1	6 896 45	4 compartments

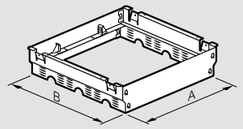
Pack	Cat.Nos	Support plates for Arteor or Mosaic mechanism
		Support plates for integration of Arteor or Mosaic mechanisms in floor boxes
		Flat support plates Width: 77 mm
12	6 896 73	For 4 modules (2 x 2 modules)
12	6 896 74	For 6 modules (3 x 2 modules)
12	6 896 77	For 6 modules (2 x 3 modules)
12	6 896 58	For 8 modules
		Waved support plates for data sockets
4	6 896 78	For 4 modules (2 x 2 modules) Width: 77 mm

Floor boxes for carpet

technical characteristics

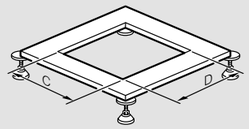
Dimensions

Modular backbox for raised floors



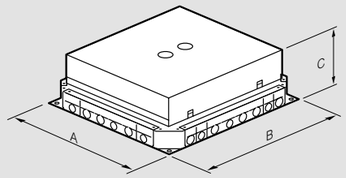
Cat.Nos	A (mm)	B (mm)	Use for trunking
6 896 39	263	263	225/300 x 38
6 896 49	263	340	225/300 x 38

Floor tile cutting



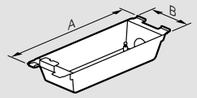
Cat.Nos	C (mm)	D (mm)
6 896 39	264	264
6 896 49	264	341

Backbox

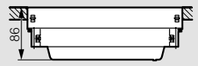


Cat.Nos	A (mm)	B (mm)	C (mm)
6 896 34	325	325	90
6 896 45	400	325	90

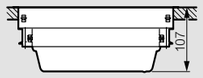
Modules



Modules in high position

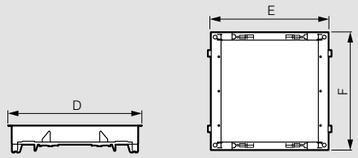


Modules in low position



Cat.Nos	A (mm)	B (mm)
6 896 60 (single)	255	77
6 896 61 (double)	255	154

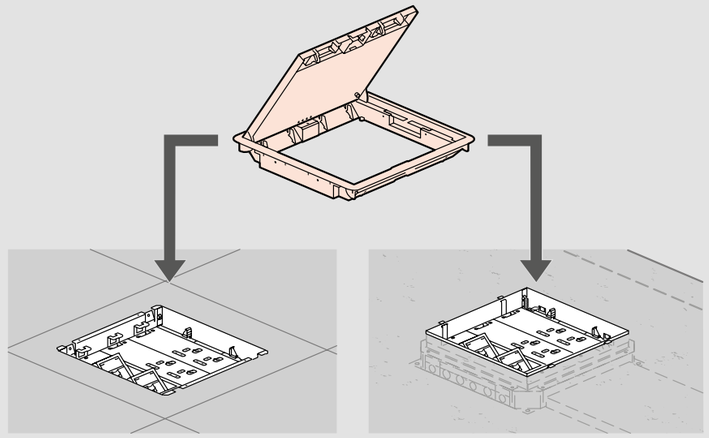
Dimensions for carpet cut out on backbox support frame



Cat.Nos	Carpet cut out		
	D (mm)	E (mm)	F (mm)
6 896 39	276	264	264
6 896 49	276	264	340

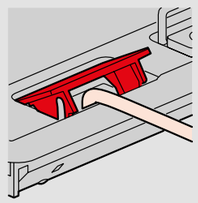
Installation principle

Lid and trim can be used for all applications: screed, flush and raised access floor systems. It allows a uniform finish within the project

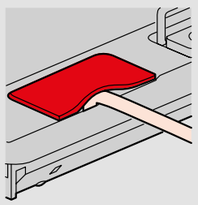


Rigid and flexible cable exits

Rigid and flexible cable exits: maximum cable capacity 4 cables ø7 mm + 3 cables ø11 mm. Both systems provide maximum protection for cables. Flexible exit does not require closing when not in use



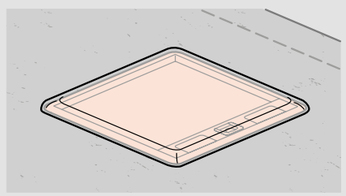
Rigid cable exits



Soft cable exits

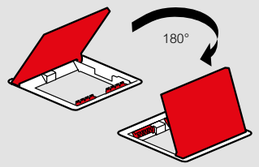
Site protection cover

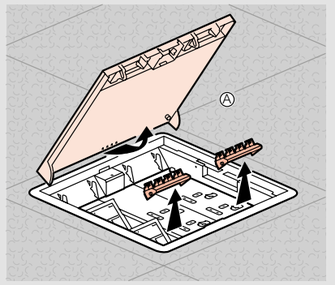
Lid and trim comes with a building site protection to avoid damages during installation. This site protection should be removed to access the floor box and can be repositioned afterwards. Site protection cover should remain on the floor box until hand-over of the project

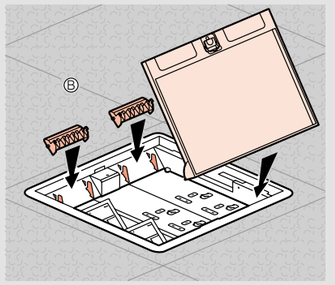


Reversible lid

The lid is reversible (180°) to adapt to office furniture reconfiguration

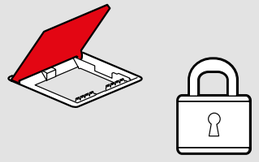


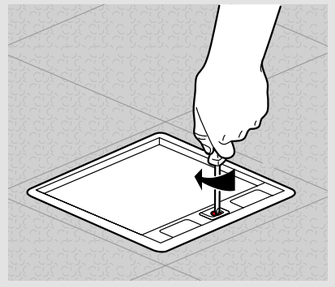


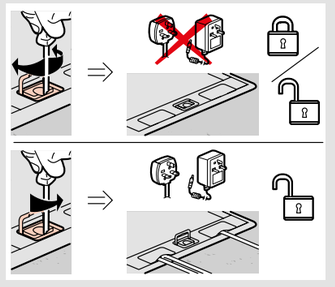


Locking system

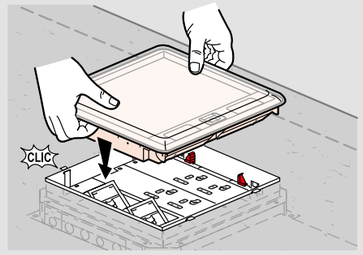
The floor box can be locked by means of a locking system on the lid (hidden under the opening handle)
For safety reasons, floor box should not be locked when in use



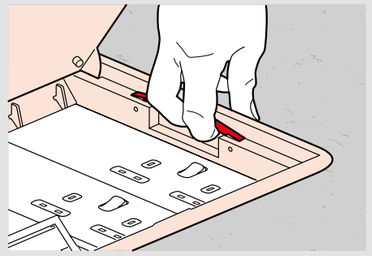




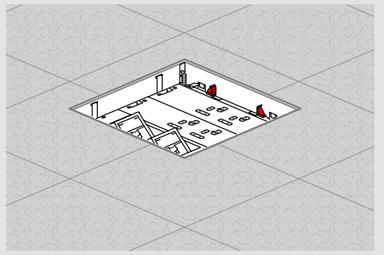
Installation process



Fix the lid and trim directly onto the backbox, push and fit system
Lid and trim can be assembled with backbox even before carpet fitting

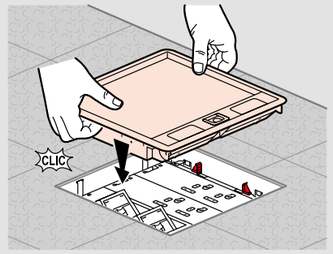


To fit carpet, pull the levers on both sides to take out the lid and trim

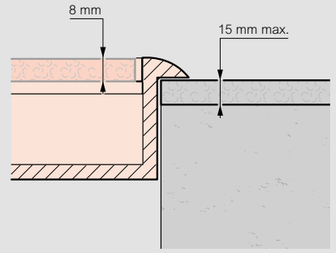


Fit the carpet to the backbox edge

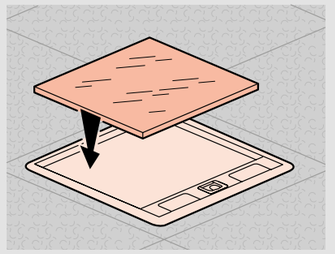
Stainless steel insert	3 compt	4 compt
	6 896 92	6 896 93



Push the lid and trim back on to the backbox
The trim will adjust to the carpet thickness



Carpet thickness < 15 mm

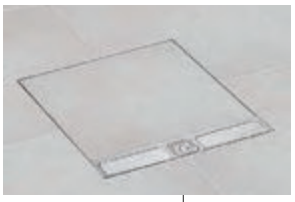


Stainless steel insert optional as an alternative to filling the lid with carpet
To fit the stainless steel insert on to the lid, use the double side tape supplied

Floor boxes for tiles/marble

6 896 56 + 0 896 04

6 896 56 equipped with Arteor mechanisms



6 896 51 + 0 896 04

6 896 51 equipped with Arteor mechanisms

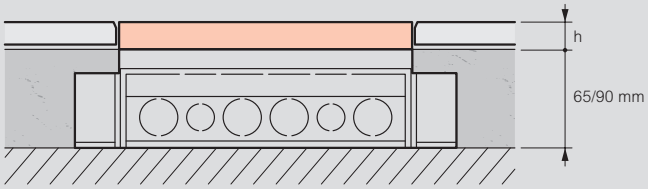
Technical characteristics **p. 1158 to 1160**

Conforms to IEC/EN 60670-23
Compatible with screed floor system

Pack	Cat.Nos	Lid and trim for tiles/marble
		To be installed in backbox Cat.No 0 896 04 for screed floor system To be equipped with support plates for Arteor or Mosaic mechanisms
		Single cable outlet stainless steel lid and trim
1	6 896 56	Edge trim for tile 8 to 15 mm thickness
		Single cable outlet powder coated lid and trim
1	6 896 55	Edge trim for tile 8 to 15 mm thickness Grey RAL 7031
		Double cable outlet stainless steel lid and trim
1	6 896 51	Edge trim for tile 8 to 15 mm thickness
1	6 896 52	Edge trim for tile 15 to 22 mm thickness
		Specific backbox for lids and trims for tiles/marble
1	0 896 04	For installation of floor boxes Cat.Nos 6 896 22/23/51/52/55/56 for screed floor system

Floor boxes for tiles/marble for screed floor - technical characteristics

Dimensions



Total screed thickness has to be between 65 and 90 mm

Backbox for tiles/marble	Lid and trim for floor box for tiles/marble	Screed thickness (mm)	Tile thickness h (mm)
0 896 04	6 896 51	65 to 90	8 to 15
	6 896 52		15 to 22
	6 896 55		8 to 15
	6 896 56		

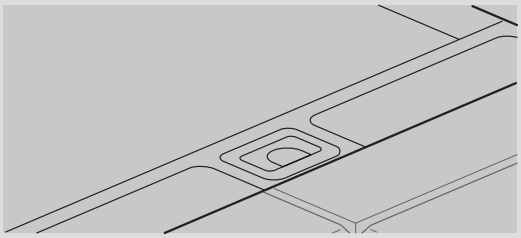
Floor boxes for tiles/marble for screed floor

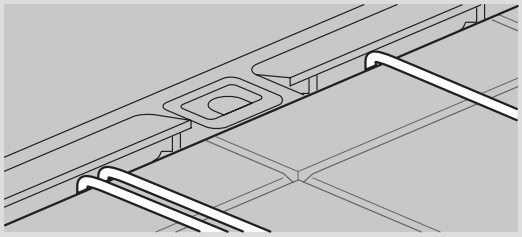
technical characteristics (continued)

Functions

Rigid cable exits

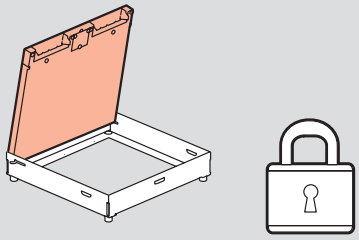
Full metal rigid cable exits
Maximum cable capacity 4 cables Ø7 mm + 3 cables Ø11 mm
Provides maximum protection for cables and strength

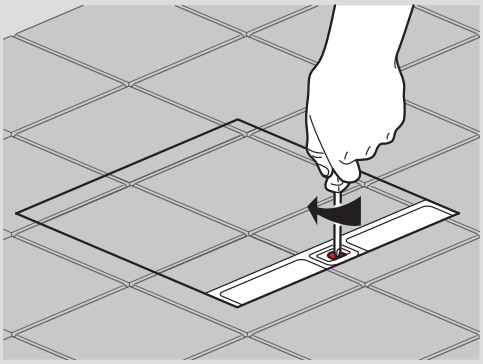


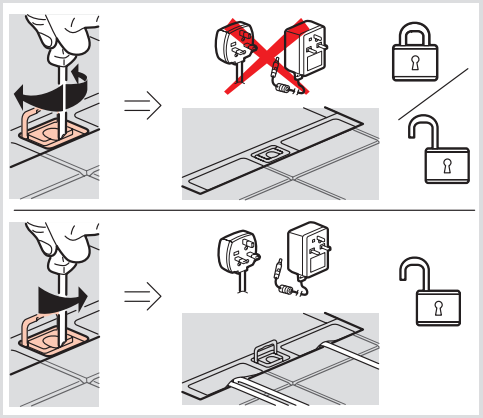


Locking system

The floor boxes Cat.Nos 6 896 51/52 can be locked by means of a locking system on the lid (hidden under the opening handle)
For safety reasons, floor box should not be locked when in use





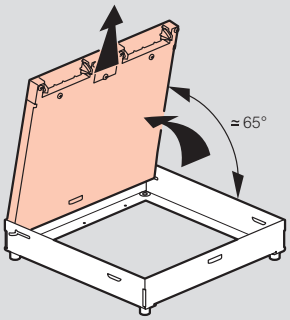


Locking system for Cat.Nos 6 896 51/52

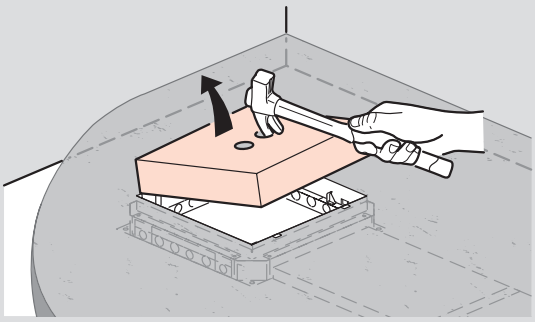
Floor boxes for tiles/marble for screed floor

technical characteristics (continued)

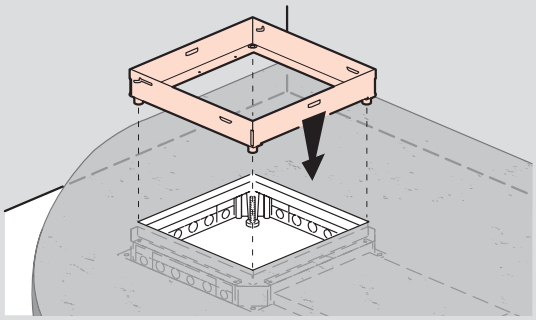
Installation process



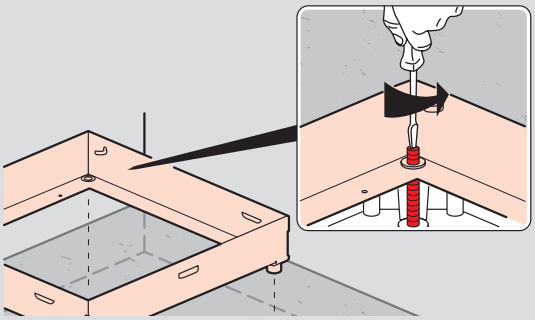
To remove the lid from the trim, hold it under an angle of approximately 65° and pull it out



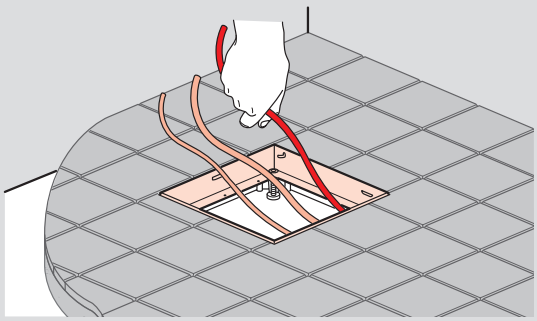
Remove site cover protection from backbox



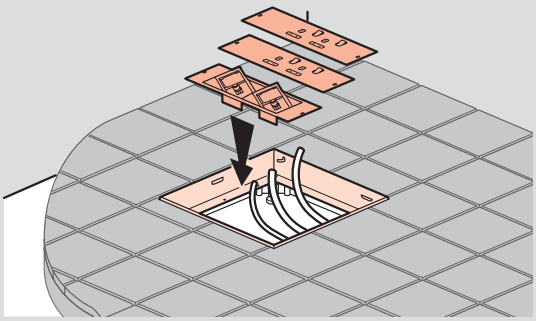
Place the trim onto the threaded rods



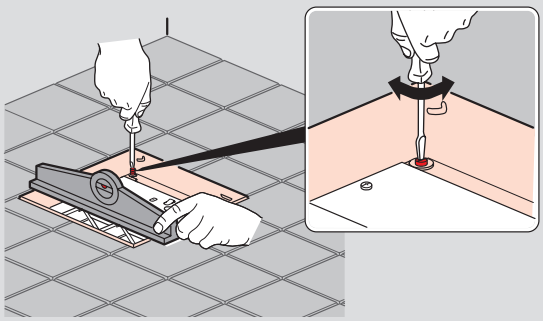
Make a rough adjustment to finished floor level by turning threaded rods in each corner with a screw driver



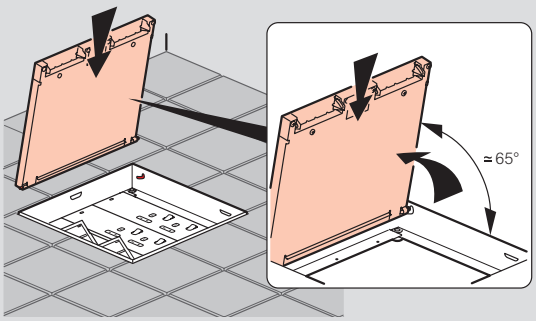
Cable the system



Tiling should be carried out at this stage

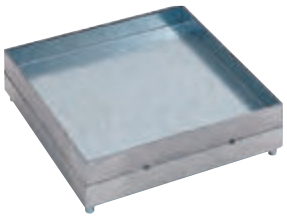


Make final adjustment to finished floor level by turning threaded rods in each corner with a screw driver

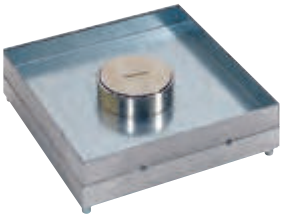


Push the lid back in place by holding it under an angle of approximately 65°

IP 44 floor boxes for tiles/marble

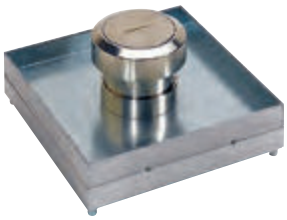


6 896 22

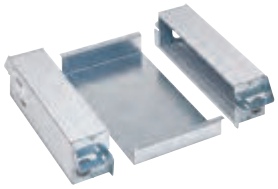


6 896 23

0 896 87



6 896 23 + 0 896 87



6 896 57

Technical characteristics **p. 1162**

Conform to IEC/EN 60670-23
Compatible with screed floor system

Pack	Cat.Nos	IP 44 lid and trim for tiles/marble
		To be installed in backbox Cat.No 0 896 04 for screed floor system
1	6 896 22	**Plain cover** Edge trim for tile up to 24 mm thick Can be used as access trap for junction, or equipped with 1 kit of vertical supports Cat.No 6 896 57 No cable exit
1	6 896 23	**With central cable exit** Edge trim for tile up to 24 mm thick To be equipped with 1 kit of vertical supports Cat.No 6 896 57 Can be equipped with cable exit accessory Cat.No 0 896 87
1	0 896 87	**Cable exit accessory** For IP 44 or IP 66 floor boxes with central cable exit Cat.Nos 6 896 23 and 0 896 86

Pack	Cat.Nos	Specific backbox for IP 44 lids and trims for tiles/marble
1	0 896 04	For installation of floor boxes Cat.Nos 6 896 22/23 for screed floor system

Pack	Cat.Nos	Vertical support for Arteor or Mosaic mechanisms
1	6 896 57	For German and French standard wiring accessories Kit of 2 supports for 8 modules

IP 66 floor boxes - 4 modules

for raised or concrete floors

0 880 61 equipped with Mosaic mechanisms

0 880 69

0 880 62

Technical characteristics **p. 1163**

Conform to IEC/EN 60670-23

Pack	Cat.Nos	IP 66 floor boxes - 4 modules
		Supplied with lid and 4-module support frame for Mosaic or Arteor mechanisms To be installed in backbox Cat.No 0 800 69 or directly in raised floor IK 09 with the lid closed Resistance to loads with lid closed: 1000 kg
1	0 880 61	**With removable lid - for indoor and outdoor use** Can be equipped with cable exit accessory Cat.No 0 880 62 IP 66 (when lid is closed) IP 54 (with cable exit accessory Cat.No 0 880 62 and plugs inserted into the sockets) Stainless steel finish
1	0 880 64	**With hinged lid - for indoor use** Compatible with angled plugs only Suitable for passage areas and frequent use Quick opening/closing with the help of a flat screwdriver Can be equipped with keylock Cat.No 0 880 98 (p. 1140) Stainless steel finish

Pack	Cat.Nos	Backbox
1	0 880 69	Auto-adjustable backbox for installing IP 66 floor boxes in concrete floors Supplied with cover Accepts conduits Ø16, 20, 25 mm Minimum screed height: 65 mm

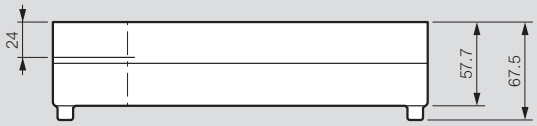
Pack	Cat.Nos	Cable exit
1	0 880 62	For removable lid weatherproof floor boxes Cat.No 0 880 61 Allows the passage of power cords when the plugs are inserted into the sockets inside the floor box Compatible with angled plugs only IP 54 cable exit accessory (with plugs inserted into the sockets)

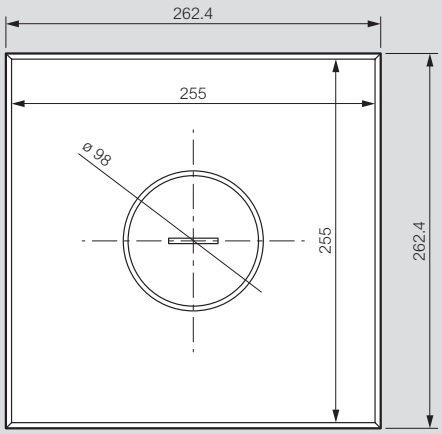
IP 44 floor boxes for tiles/marble

technical characteristics

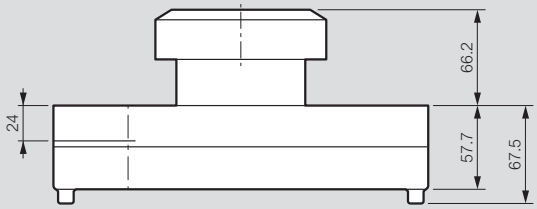
Dimensions

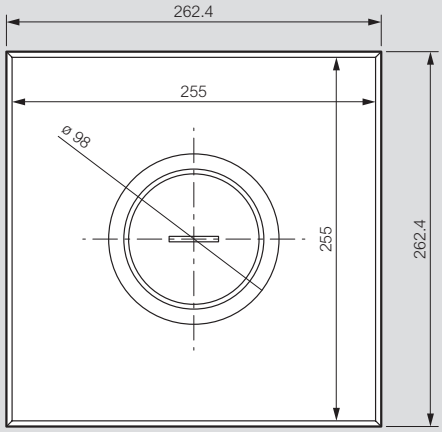
IP 44 lid and trim for tiles/marble Cat.Nos 6 896 22/23



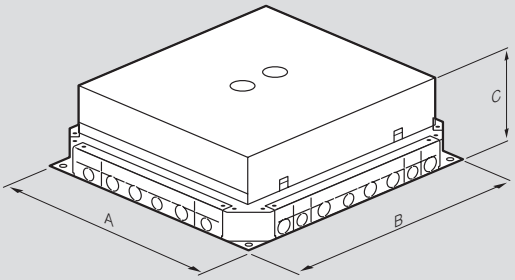


Cat.No 6 896 23 equipped with cable exit accessory Cat.No 0 896 87



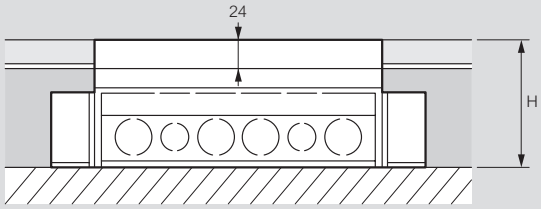


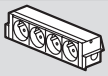
Backbox Cat.No 0 896 04



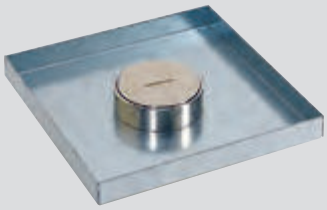
Cat.No	A (mm)	B (mm)	C (mm)
0 896 04	325	325	90

Screed thickness and total height



Installation	Plug type		German and French standard socket outlets	
	Straight	Angled	Hmin (mm)	Hmax (mm)
Vertical 			86	114

Examples of installation



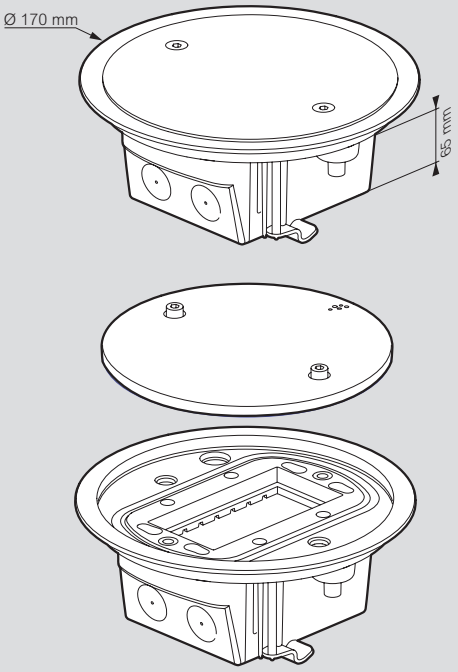
IP 44 floor box Cat.No 6 896 23 equipped with vertical supports Cat.No 6 896 57 and Mosaic 2P+E sockets

IP 66 floor boxes - 4 modules

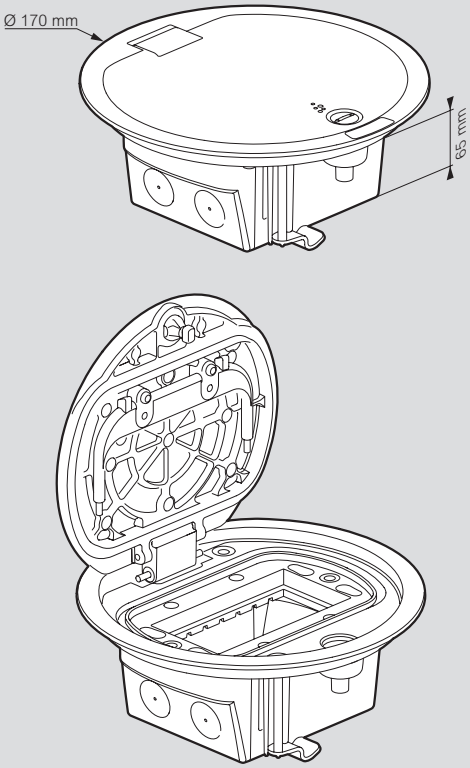
for raised or concrete floors

Dimensions

Floor boxes Cat.No 0 880 61

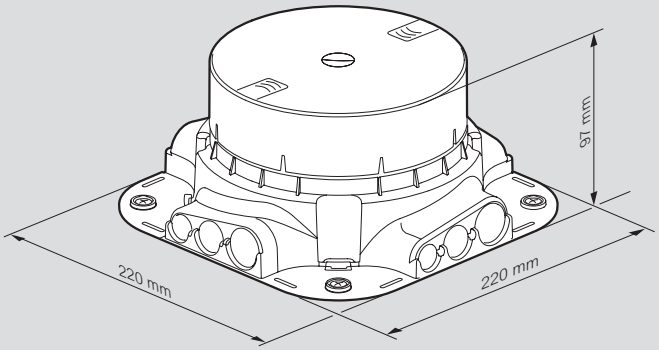


Floor boxes Cat.No 0 880 64

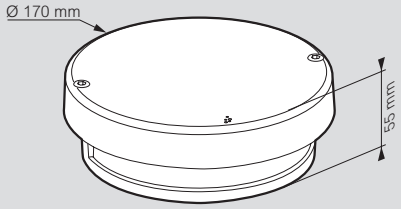


Dimensions (continued)

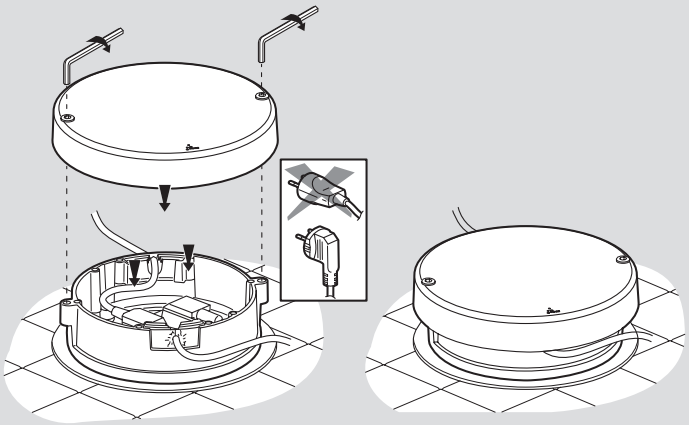
Flush-mounting backbox Cat.No 0 880 69



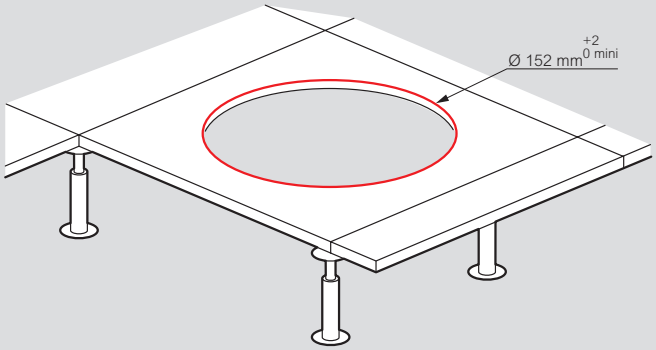
Cable exit accessory Cat.No 0 880 62



Example of use for removable lid floor box with cable exit accessory Cat.Nos 0 880 61 + 0 880 62

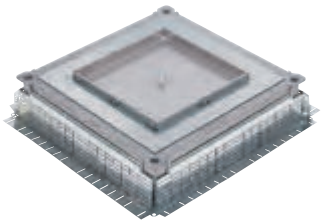


Floor cut for installation in raised floor

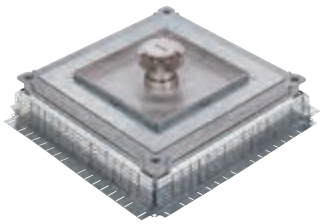


Heavy duty in-screed floor box

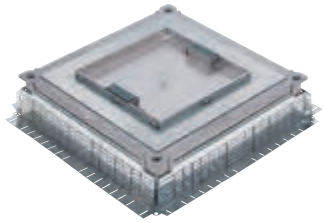
for concrete floors



0 896 34 + 0 896 83 + 0 896 85



0 896 34 + 0 896 83 + 0 896 86 + 0 896 87



0 896 34 + 0 896 83 + 0 896 88

For highly frequented areas, requiring important mechanical resistance
Indoor installation
Conform to standard IEC/EN 60-670

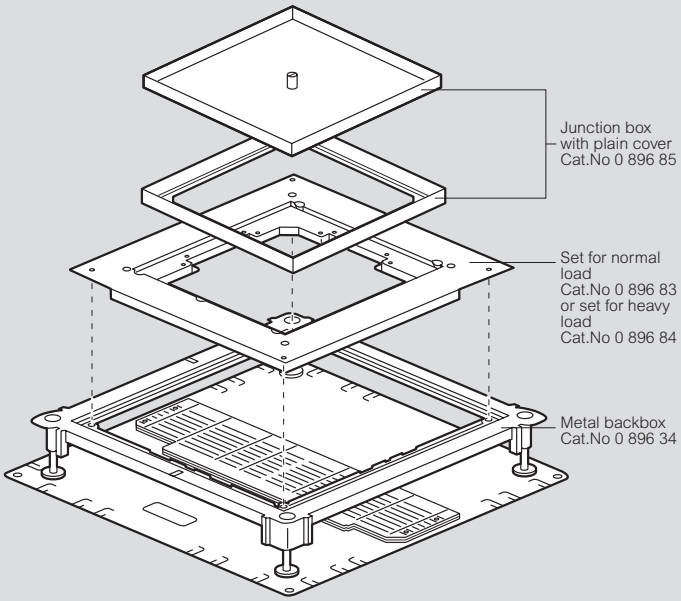
Pack	Cat.Nos	Adjustable metal backbox for concrete floor
		Universal backbox For junction of LV and ELV cabling and/or installation of heavy duty floor boxes Height adjustable from 105 mm to 140 mm using 4 screws located in the box corners and a tool adapting to electric drill or screwdriver: Bendable side walls for joining with different sizes of floor ducts Supplied with worksite protection cover to be replaced by blanking cover plate or mounting cover plate
1	0 896 34	Universal metal in-screed backbox
		Accessories for metal in-screed floor box
1	0 896 83	Normal load support
1	0 896 84	Heavy load support
6	0 896 39	Set of 2 conduit adaptors for metal cavity floor box Cat.No 0 896 34
		Plates for metal in-screed floor boxes For metal in-screed floor box Cat.No 0 896 34 Use support Cat.No 0 896 83 or 0 896 84 Height adjustment of the backbox from 105 mm to 140 mm
		All types of floors
1	0 896 85	Access trap for junction, no cable exit
		Marbled and tiled floors
1	0 896 86	Plate with central cable exit To receive 24 mosaic modules Supplied with all necessary wiring accessories supports
		Accessory for plate with central cable exit
1	0 896 87	Cable exit accessory for cover plate Cat.No 0 896 86
		Wooden floors
1	0 896 88	Plate with 2 lateral cable exits To receive 24 mosaic modules Supplied with all necessary wiring accessories supports

Heavy duty in-screed floor box

Metal in-screed floor box, installation principle

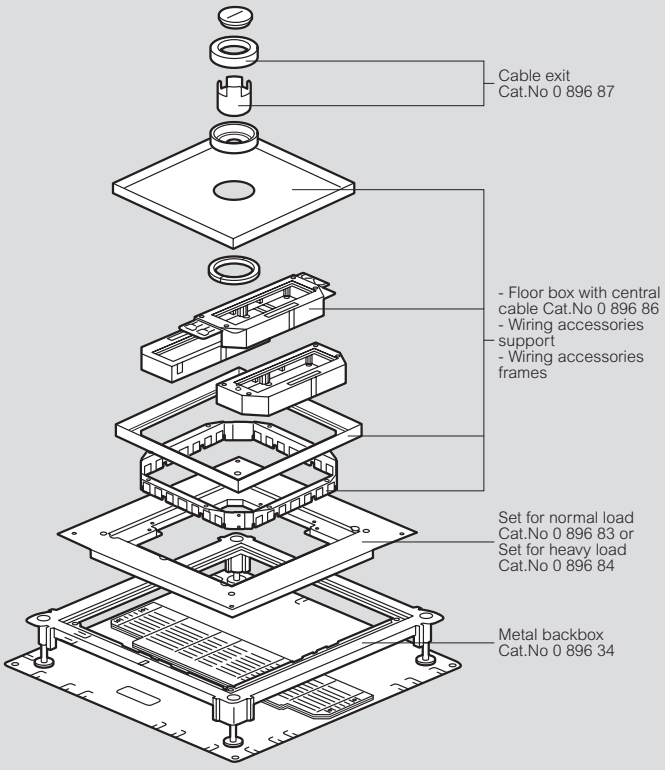
When used as junction box

Junction box with plain cover Cat.No 0 896 85



When used as floor box for wiring accessories

Floor box with central cable Cat.No 0 896 86



3-module floor boxes and floor cable grommets

0 896 44

0 896 49

0 893 07

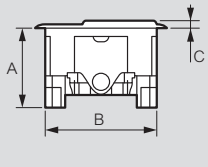
Pack	Cat.Nos	3-module floor boxes
1	0 896 44	For integration in raised floors or concrete floors (minimum height required 80 mm) 3-module floor box To be fitted with 1 Mosaic 2-module 2P+E socket and 1 Mosaic 1-module RJ 45 socket Colour RAL 7031 grey Conform to standard NF EN 60670-23
1	0 896 49	Concrete flush-mounting box for box Cat.No 0 896 44
		Floor cable grommet
1	0 893 07	Used to run cables from the raised floor to the offices (25 to 55 mm) IP 20 - IK 08 Body made of 2 aluminium and polyester sections with seal 3 outputs Ø20 mm Cut-out dimensions: Ø127 mm Surround dimensions: Ø144 mm Flush-mounting depth: 60 mm

3-module floor boxes and floor cable grommets - technical characteristics

3-module floor boxes

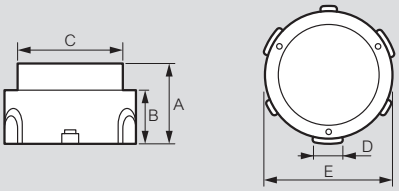
Dimensions

Cat.No 0 896 44



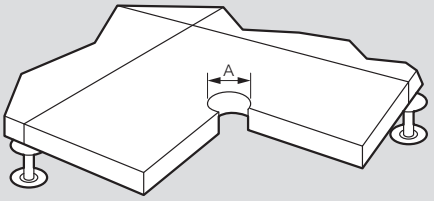
A (mm)	B (mm)	C (mm)	D (mm)	E (mm)
65	85	5,5	110	18

Cat.No 0 896 49



A (mm)	B (mm)	C (mm)	D (mm)	E (mm)
76	51	94	22,5	136

Cut-out for installation in raised floor



Cat.Nos	A (mm)
0 896 44	90
0 896 49	95

"Reduced height" floor boxes

0 880 70 equipped with Mosaic sockets

Pack	Cat.Nos	50 mm "reduced height" floor boxes
1	0 880 70	**16 modules** For raised or screed floor betwen 50 and 70 mm Workstation connection for raised or concrete floors To be used with backbox Cat.No 0 880 73 (in concrete floors) or with insulation box Cat.No 0 880 71 (in raised floors) (see below) Supplied with cover for carpet Vertical wiring device positioning Ensures perfect cable separation Easy opening cover by handle To be equipped with Mosaic or Arteor wiring accessories With cover for carpet, grey RAL 7031 Can be equipped with stainless steel finishing plate Cat.No 0 880 72
1	0 880 72	**Stainless steel finishing plate** For 50 mm reduced height floor box Cat.No 0 880 70
		Backboxes for shallow concrete floor and insulation boxes for raised floor
		For integration of 50 mm "reduced height" floor boxes Cat.No 0 880 70 (see above) in raised or screed floor installations Power supply by flexible conduits Ø16, 20 and 25 mm or floor trunking 28 mm height
1	0 880 73	Backbox for shallow concrete floor
1	0 880 71	Insulation box for raised floors

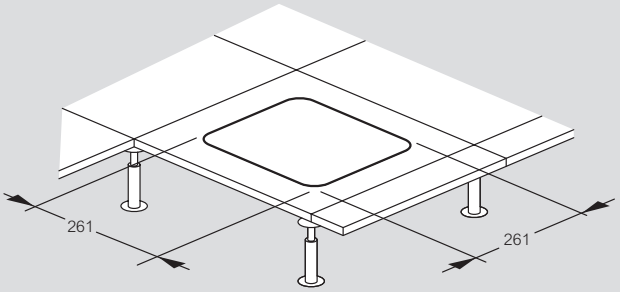
"Reduced height" floor boxes

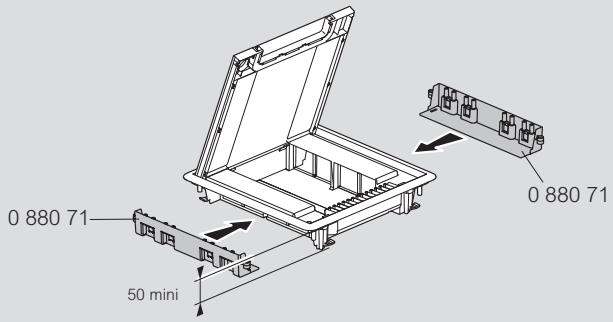
technical characteristics

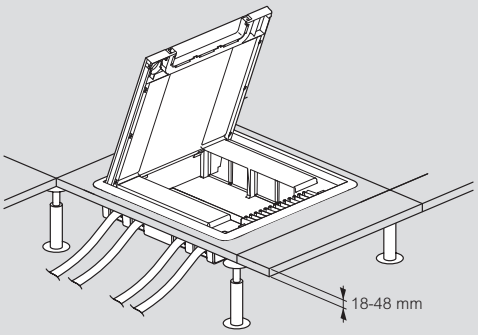
"Reduced height" floor boxes

Installation principle

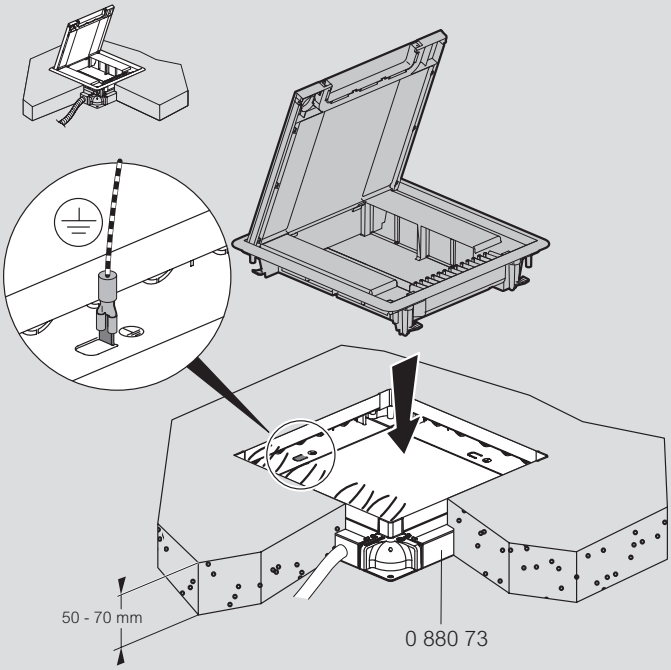
Installation in raised floor





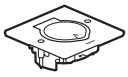
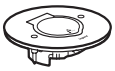


Installation in concrete floor

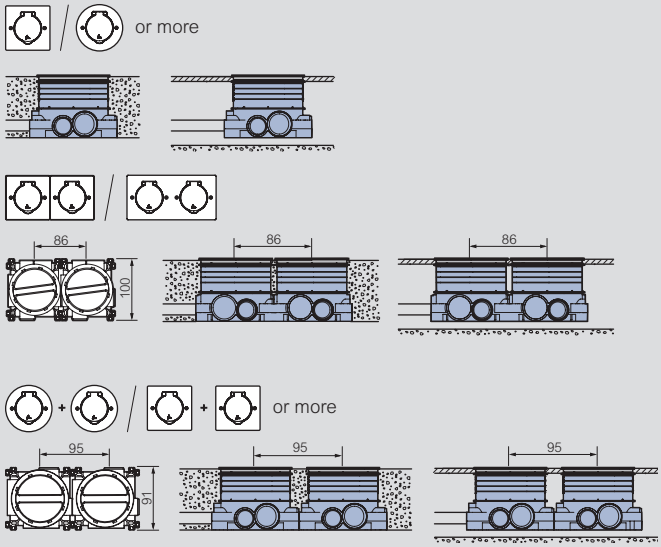


Floor sockets

0 897 02 (equipped)

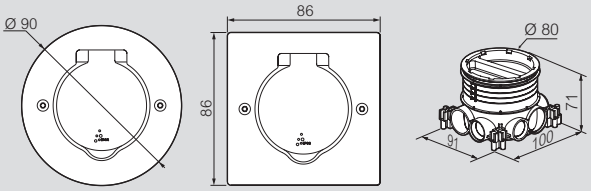
Pack	Cat.Nos	Receptacles for floor sockets
		Extra slim plate IP 44 - IK 08 Equipped with a 180° opening flap Extra flat finish: thickness 2 mm Lighting base of receptacle by white LED To be equipped with 2 modules square version Arteor or Mosaic functions: - socket outlets without cover, German, Euro-US, Swiss, Danish, Israeli and French standards - Double USB chargers - RJ 11 and RJ 12 sockets - Television sockets - RJ 45 sockets UTP, FTP and STP without controlled access - loudspeaker sockets - HDMI sockets - HD 15 sockets without jack
		Square receptacle
1	0 897 00	 Stainless steel
1	0 897 10	Golden brushed
		Round receptacle
1	0 897 01	 Stainless steel
1	0 897 11	Golden brushed
		Rectangular receptacle
1	0 897 02	Stainless steel
1	0 897 12	Golden brushed
		Boxes and accessories
6	0 819 88	Floor box Flush-mounting box for concrete slab (50 to 80 mm thick) or raised access floor (10 to 40 mm thick) using saw Cat.No 0 800 88 Ø80 mm Can be joined to make multi-gang assemblies
1	0 885 08	Hole saw Ø80 mm
10	0 897 19	Indicator light with white LED for floor socket Used to backlight the outline of the socket for easier location
10	0 801 88	Box for wall or furniture Multimaterial simple Batibox flush-mounting box Ø80 mm Used to install the floor socket in any type of partition or on furniture (such as a work surface) Depth 50 mm
1	0 897 09	Kit consisting of 10 long screws and 30 blanking plates for positioning on the socket outlets Used to equip 5 sockets For use where there are thick coverings (such as carpets) in order to fix the plate to the box Cat.No 0 819 88 or 0 801 88

Installation in concrete or technical floor

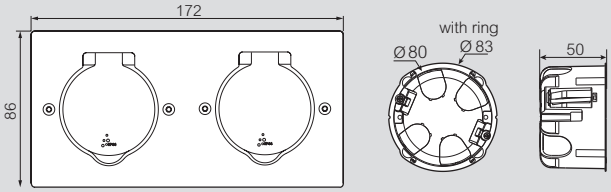


Dimensions

Single sockets



Double sockets



Technical characteristics

Protection index
IP 44/ IK 08 : closed flap
Cover open at 180°

Material
Stainless steel / Golden brushed
Zamak
Fixing screw : Torx type T10 stainless steel

Red catalogue numbers: New products

Pop-up type flush-mounting boxes for concrete or raised access floors

0 540 10

0 540 21

0 540 13

0 540 18

0 540 23

0 540 06

0 540 00

Technical characteristics **p. 1169**

Can be installed in concrete or raised access floors
Conform to IEC 60670-23, IEC 60884-1 and NFC 61-314

Pack	Cat.Nos	**Pop-up boxes to be equipped**
		Slim design for perfect integration into the floor Soft opening for enhanced comfort and safety Equipped with "push and slide" locking system to avoid accidental opening by feet To be equipped with Mosaic or Arteor socket outlets For installation use the flush-mounting boxes for concrete floors or the kits for raised access floors
		3 modules
1	0 540 10	Matt Aluminium finish
1	0 540 15	Brushed Brass
1	0 540 20	Brushed Stainless Steel finish
		6 (2 x 3) modules
1	0 540 12	Matt Aluminium finish
1	0 540 17	Brushed Brass
1	0 540 22	Brushed Stainless Steel finish
		4 modules
1	0 540 11	Matt Aluminium finish
1	0 540 16	Brushed Brass
1	0 540 21	Brushed Stainless Steel finish
		8 (2 x 4) modules
1	0 540 13	Matt Aluminium finish
1	0 540 18	Brushed Brass
1	0 540 23	Brushed Stainless Steel finish

		Installation kits for raised access floors
		Include an empty receptacle and fixing brackets for raised access floor tiles or table tops Equipped with cable retainer for power cables, to ensure increased safety of the installation Compatible with: - Cat. 6 data cabling - audio/video cabling
1	0 540 05	3 modules
1	0 540 07	6 (2 x 3) modules
1	0 540 06	4 modules
1	0 540 08	8 (2 x 4) modules

Pack	Cat.Nos	**Flush-mounting boxes for installation in concrete floors**
		For installation of pop-up floor boxes in concrete floors Equipped with knockouts for Ø20 and Ø25 mm conduits
		Metal flush-mounting boxes
1	0 540 00	3 modules
1	0 540 02	6 (2 x 3) modules
1	0 540 01	4 modules
1	0 540 03	8 (2 x 4) modules
		Plastic flush-mounting boxes
1	6 503 90	3 modules
10	6 503 31	6 modules

Pop-up type flush-mounting boxes for concrete or raised access floors

Technical characteristics

Classification of pop-up flush-mounting boxes according to NFC 61-314 / IEC 60670-23 / IEC 60884-1

Earthing system: R < 0.05 Ohms
Protection against mechanical impact: IK 07
Degree of protection: IP 30 cover open
IP 40 cover closed
Resistance to vertical load applied through small surface area:
1500 N cover open
3000 N cover closed
Rated voltage: U 500 V - R > 5 MOhms
Electric strength: 2000 V
Installation on the floor: to be installed on floor subjected to a dry treatment

Material

Halogen free, fire proofed and no propagator of the flame
Corrosion resistant and to temperature changes

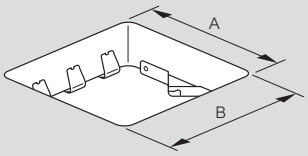
Finishes	Material
Brass	Brass material
Aluminium	Aluminium material
Stainless Steel	Zamak nickel coating

High/low current compatibility

Floor type	High current	Low current
Concrete	Yes	No
Technical floor	Yes	Cat. 6 compatible
Furniture	Yes	Cat. 6 compatible

Installation

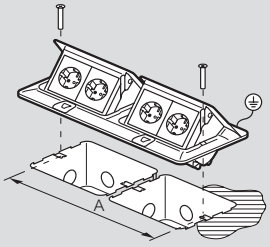
Technical floor



Pop-up size	A(1) (mm)	B(1) (mm)
3 modules	108	108
4 modules	108	131
6 modules	108	218
8 modules	108	263

1: +/- 1 mm

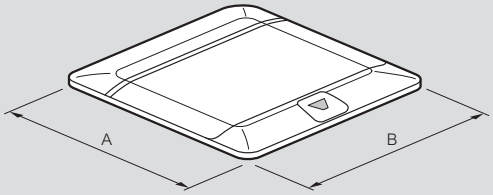
Concrete floors (fixing centres)



Pop-up size	A (mm)
3 modules	84
4 modules	106.5
6 modules	194
8 modules	239

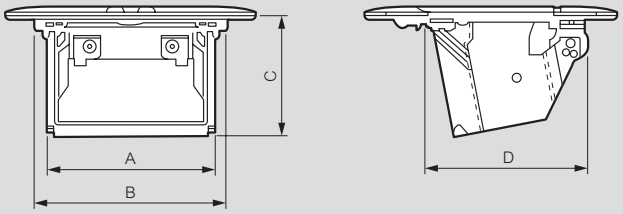
Dimensions

Cover



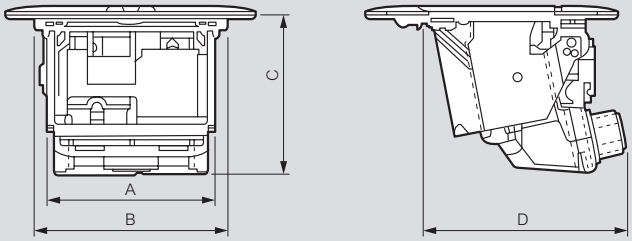
Pop-up size	A (mm)	B (mm)
3 modules	120	120
4 modules	120	142.5
6 modules	120	230
8 modules	120	275

Empty pop-up

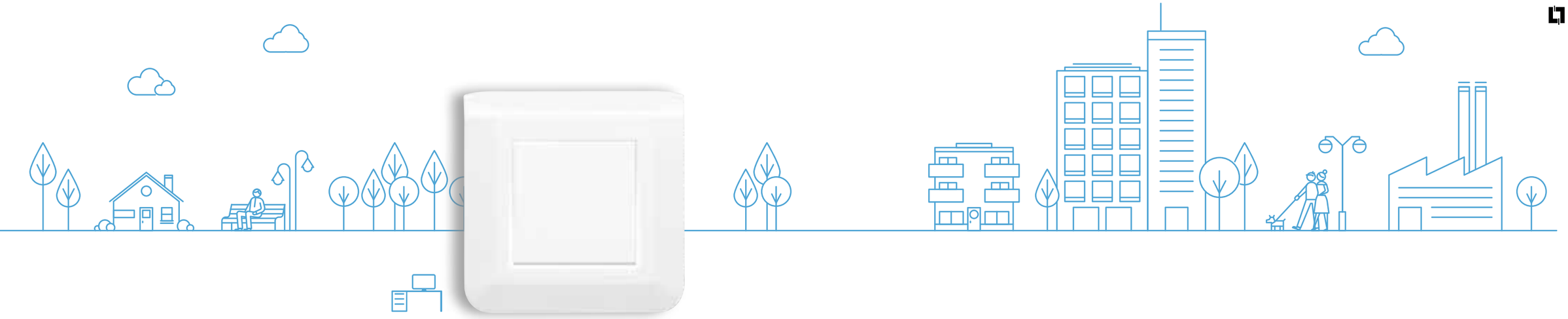


Pop-up size	A (mm)	B (mm)	C (mm)	D (mm)
3 modules	79.8	92	57	77.5
4 modules	102.3	114.5	57	77.5
6 modules	189.8	202	57	77.5
8 modules	231.6	247	57	77.5

Pop-up with installation kit for technical floor



Pop-up size	A (mm)	B (mm)	C (mm)	D (mm)
3 modules	79.8	92	74.8	96.1
4 modules	102.3	114.5	74.8	96.1
6 modules	189.8	202	74.8	96.1
8 modules	231.6	247	74.8	96.1



MOSAIC™ WIRING ACCESSORIES AND SOLUTIONS FOR HEALTHCARE BUILDINGS

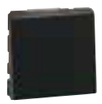
▶ NEW PRODUCTS

P. 1172 to 1203
Mosaic mechanisms and plates - Matt Black finish

P. 1176
Mosaic motion sensors

P. 1197
Mosaic ready-to-install two-way switch kit

P. 1172 N
Switches



P. 1173 N
Push-buttons and accessories

P. 1174 N
Pull-cord switches and ventilation control

P. 1174
Skirting light with motion sensor

P. 1175 N
Touchless switches and touch switch

MOSAIC™

P. 1176 N
Motion sensors

P. 1177 N
Dimming control

P. 1179
Colour-lighting management and time switches

P. 1180 N
Heating, temperature regulation and roller blind controls

P. 1181 N
Keyswitches, emergency push-buttons, keycard switches

P. 1182 N
International standards socket outlets

P. 1184 N
USB charging sockets and Mosaic™ Link USB charging sockets

P. 1186
Voltage surge protectors, buzzers and bells

P. 1188
RJ 45 sockets

P. 1190
Rear pluggable RJ 45 sockets

P. 1191 N
Data, telephone and TV sockets

P. 1193 N
Audio and video sockets

P. 1195
USB data sockets, USB extender and SUB D socket

P. 1196
Illuminated signage functions

P. 1197 N
Ready-to-install two-way switch kit

P. 1200
Workstation kits

P. 1201
Surface-mounting boxes and adaptors

P. 1202 N
Plates

P. 1204 N
Supports

P. 1205 N
Mechanisms with antimicrobial treatment selection table

SPECIFIC FUNCTIONS FOR HEALTHCARE BUILDINGS

P. 1206
Call units and nurse call units for day hospitals...

P. 1209
BUS/SCS nurse call units

P. 1212
System products

P. 1213
Lighting to assist with independent living

P. 1214
Isolating transformers for hospitals

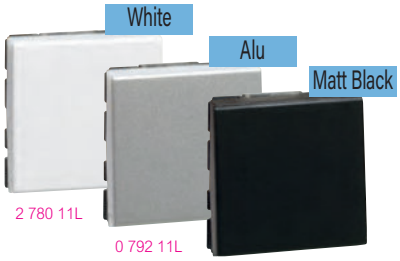
P. 1215
Insulation monitoring device (IMD)

Mosaic™ mechanisms

switches

0 770 15

0 792 01



2 780 11L
0 792 11L
0 791 11L

6 650 91

Selection chart for boxes, supports and plates **p. 1198-1199**

All two-way switches with indicator have a terminal for neutral connection and have to be equipped with an indicator

Pack	Cat.Nos	Switches 10 AX - 250 V~
		One-way switches
		Automatic terminals
10	0 770 00L	○ White - 1 module
10	0 770 10L	○ White - 2 modules
		Energy saving switches
		Automatic terminals
		Are installed and work like conventional 2-way switches. In addition, they automatically switch off after 10 mins if no movement is detected by the built-in IR detection cell
		Detection field: 160°. Detection range: 8 m
		Compatible with any lamp:
		- 12-150 W: incandescent and 230 V halogen lamps
		- 12-150 VA: lamps with electronic or ferromagnetic ballast
		- 8-30 W (or 650 mA): LED and CFL
		All types of lamps can be mixed on the same circuit
		Ideal for rooms where the light may be left switched on needlessly (child's bedroom, box room)
1	0 770 15	○ White
1	0 792 15	● Alu

Pack	Cat.Nos	Easy-Led two-way switches 10 AX - 250 V~
		Automatic terminals
		1 mechanism allows you to create an indicator or standard function
		Can become illuminated with plug-in indicator Cat.No 0 676 86L (230 V) or Cat.No 0 676 87L (12, 24, and 48 V)
		Can become indicator with plug-in indicator Cat.No 0 676 85L (230 V) or Cat.No 0 676 89L (12, 24, and 48 V)
10	2 780 01L	○ White - 1 module
10	0 792 01L	● Alu - 1 module
10	0 791 01L	● Matt Black - 1 module
10	0 787 10L	○ White antimicrobial(1) - 1 module
10	2 780 11L	○ White - 2 modules
10	0 792 11L	● Alu - 2 modules
10	0 791 11L	● Matt Black - 2 modules
10	0 787 11L	○ White antimicrobial(1) - 2 modules

Pack	Cat.Nos	Easy-Led intermediate switch
		Screw terminals
10	0 770 21L	○ White - 2 modules
10	0 792 21L	● Alu - 2 modules
10	0 793 21L	● Matt Black - 2 modules

Pack	Cat.Nos	Easy-Led switch 10 AX - 250 V~
		Automatic terminals
		With a terminal for neutral tap-off
		To be equipped with indicator light Cat.No 6 650 91 for indicator function or Cat.No 6 650 90 for illuminated function
		2-pole one-way switch
10	0 770 50L	○ White - 2 modules

Pack	Cat.Nos	Easy-Led switches 20 AX - 250 V~
		Screw terminals
		With a terminal for neutral tap-off
		Can become indicator with indicator light Cat.No 0 676 64
		One-way switch
10	0 770 60L	○ White - 1 module
		Two-way switch
10	0 770 92L	○ White - 2 modules
		2-pole switch
10	0 770 63L	○ White - 2 modules

1: Contains a silver compound to prevent the growth of bacteria on the surface of the plate

Red catalogue numbers: New products

Mosaic™ mechanisms

push-buttons

Selection chart for boxes, supports and plates **p. 1198-1199**

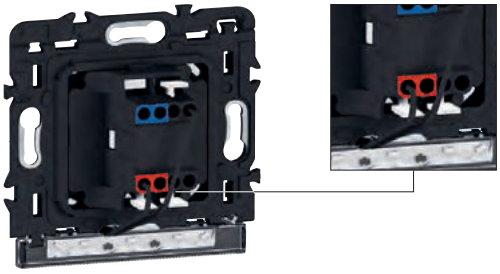
Automatic terminals, no tool required

Pack	Cat.Nos	Easy-Led push-buttons 6 A - 250 V~
		Depending on the wiring, can become a two-way push-button 1 mechanism allows you to create an LED or standard function Can become illuminated with plug-in indicator Cat.No 0 676 86L (230 V) or Cat.No 0 676 87L (12, 24, and 48 V) shown opposite
		1 module
10	2 780 30L	○ White
10	0 792 30L	● Alu
10	0 791 30L	● Matt Black
10	0 787 14L	○ White antimicrobial(1)
		2 modules
10	2 780 40L	○ White
10	0 792 40L	● Alu
10	0 791 40L	● Matt Black
10	0 787 15L	○ White antimicrobial(1)
		2 modules - with label-holder
10	0 770 43L	○ White antimicrobial(1)
		4-position Easy-Led push-button
		Equipped with Leds Allows to control 4 light circuits 2 modules
10	0 770 45L	○ White
10	0 792 46L	● Alu
10	0 791 46L	● Matt Black
		Indicator push-button 6 A - 250 V~
		For the indicator function, the indicator light terminals are volt-free. Use indicator light Cat.No 0 676 88L with distributed phase wiring (shown opposite)
		One-way push-button - 1 module
10	0 770 33L	○ White
		Two-way push-button with free terminal 6 A - 250 V~
		To be equipped with light Cat.No 0 676 87L (see opposite) in 12/24/48 V~
		1 module
10	0 770 34L	○ White

1: Contains a silver compound to prevent the growth of bacteria on the surface of the plate

Mosaic™ mechanisms

Easy-Led lights and other lights



Example of indicator light mounted on support and wired with two-way switch

Pack	Cat.Nos	Easy-Led plug-in lights with white LEDs	Base colour
		Connected by direct mounting	
		Locator lights	
10	0 676 86L	230 V - 0.041 W	Grey
10	0 676 87L	12/24/48 V~ - 0.006 W/0.033 W/0.153 W	White
		Indicator lights	
10	0 676 85L	230 V - 0.39 W	Orange
10	0 676 88L	230 V - 0.39 W - distributed phase	Red
10	0 676 89L	12/24/48 V~ - 0.006 W/0.033 W/0.153 W	Blue
		Other lights	
		For indicator or locator function	
		Light for socket outlets and 20 AX switches	
10	0 676 64	230 V Consumption 2.4 mA To be wired	
		Green light for socket outlets	
10	0 676 63	230 V Consumption 2.4 mA To be wired	
		White locator lights for Batibox support frames	
10	0 802 62L	230 V - 0.04 W	
10	0 802 60L	230 V - 0.03 W	

Mosaic™ mechanisms

pull-cord switches and ventilation control

0 770 14

0 770 27L

0 791 27L

Selection chart for boxes, supports and plates **p. 1198-1199**

All two-way switches with indicator have a terminal for neutral connection and must be equipped with an indicator

Pack	Cat.Nos	Pull-cord switches
		Fast connection via automatic terminals, no tool required
1	0 770 14	**Two-way switch, 10 AX - 250 V~ - 2 modules** For controlling incandescent and halogen lamps up to 2300 W ○ White With cord length 1.5 m
1	0 770 44	**Two-way push-button - 6 A - 250 V~ , with pull cord - 2 modules** ○ White With cord length 1.5 m
		Ventilation control Fast connection via automatic terminals, no tool required **Two-way switch** For direct control of controlled mechanical ventilation 10 AX - 250 V~
1	0 770 27L	○ White antimicrobial(1)
1	0 791 27L	● Matt Black

1: Contains a silver compound to prevent the growth of bacteria on the surface of the plate

Mosaic™ mechanisms

skirting light with motion sensor

0 785 11

Pack	Cat.Nos	Skirting light with motion sensor
1	0 785 11	Mechanism equipped with an infrared detection cell and a LED beam To be installed close to the floor (next to a socket, for example) When someone passes, the mechanism detects movement and switches the light on Ideal to illuminate a corridor at night without dazzling people, or to highlight possible danger Equipped with an audible signal that can be deactivated (when product is used for lighting) or not (so as to indicate danger) Detection field: 180° Range: 6m 2 modules ○ White

Mosaic™ mechanisms

touchless switch and touch switches

0 766 66L

0 766 95L

0 787 13

Selection chart for boxes, supports and plates **p. 1198-1199**

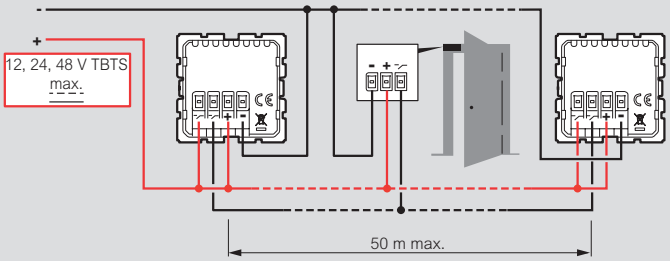
Pack	Cat.Nos	
		Touchless switches 10 AX - for lights
		2 modules. Allows to control light sources by simply passing the hand in front of the switch. Detection distance 6 cm. LED indicator light, activated by default (can be switched off). Mechanism depth 20 mm, compatible with all types of flush-mounting boxes. 2 possibilities of cabling: • With neutral, 3 wires Accepted power by lamp type: - LEDs and CFL lamps: 200 W LED - Incandescent and halogen lamps: 200 W - LEDs, CFLs, halogen lamps, fluorescent tubes with ferromagnetic or electronic transformer: 200 VA • Without neutral, 2 wires Accepted power by lamp type: - LEDs and CFL lamps: 5 to 200 W LED - Incandescent and halogen lamps: 5 to 200 W - LEDs, CFLs, halogen lamps, fluorescent tubes with ferromagnetic or electronic transformer: 5 to 200 VA • 4 modes available: - 1-way switch mode: wiring with or without neutral - 2-way switch mode: wiring with neutral mandatory - Master/Slave mode: wiring with neutral mandatory, 3 slaves max. - Push-button mode: wiring with neutral mandatory, for controlling relays or a "with Netatmo" micromodule
1	0 766 66L	○ White antimicrobial(1)
1	0 766 67L	● Matt Black
1	0 766 95L	○ White antimicrobial(1) Supplied complete
		Touchless switches 10 AX - for door
		2 modules. Allows to control door opening by simply passing the hand in front of the switch. Detection distance adjustable from 10 cm (default setting) to 30 cm. LED indicator light, activated by default (can be switched off). Mechanism depth 25 mm, compatible with all types of flush-mounting boxes. Power supply 12 - 24 - 48 V= Available modes : - ON/OFF mode/pulse mode (by default mode) - NC/NO mode (by default mode)
1	0 766 80L	○ White antimicrobial(1)
1	0 766 81L	● Matt Black
1	0 766 96L	○ White antimicrobial(1) Supplied complete
		Touch switches
		For controlling light sources and other functions by touching the switch. Particularly suitable for applications in medical environments. Marking possible with label (supplied) to be put under the cover plate. 2 modules **Switch with neutral** Equipped with indicator light (LED) For controlling lamps (maximum loads, see p. 1178): - up to 1000 W for 230 V~ incandescent or halogen - up to 500 VA for ELV halogen with ferromagnetic or electronic transformer
1	0 787 09	○ White antimicrobial(1)

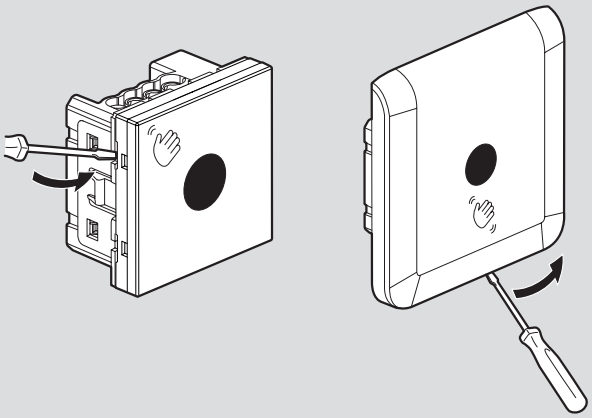
1: Contains a silver compound to prevent the growth of bacteria on the surface of the plate

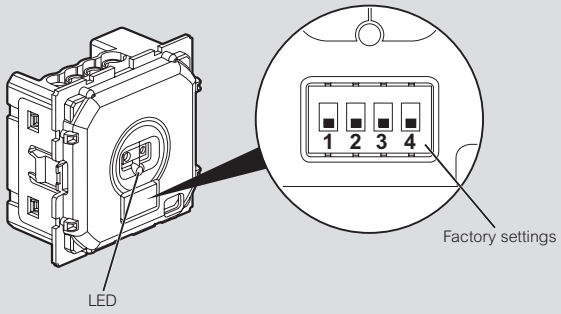
Mosaic™ mechanisms

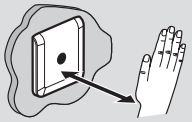
touchless switches 10 AX - for door

Wiring and settings







	1	2	3	4
	LED		Mode	NO/NF
	OFF	≤ 30 cm	Maintained	NF
	ON	≤ 10 cm	Pulse	NO

Red catalogue numbers: New products

Mosaic™ mechanisms

motion sensors

0 784 59A

0 784 54A

0 488 97LA

Selection chart for boxes, supports and plates **p. 1198-1199**

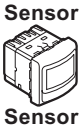
Recommended installation height: 1.20 m
Compatible with any type of lamp
IR detection. Detection field 170°
Detection range 8 m
Time delay setting from 5 s to 30 min
Light level threshold setting from 5 to 1275 lux
4 levels of sensitivity setting
Reduced depth: 25 mm

Motion sensors, 2-wire, without neutral

Stanby consumption: 0.01 W
Accepted power by lamp type:
- LEDs and CFL lamps: 2 to 100 W LED
- Halogens, incandescent: 2 to 150 W
- LEDs, CFLs, Halogen, fluo tube with ferromagnetic or electronic transformer: 2 to 150 VA

If several sensors are installed on the same circuit, the minimum load changes: refer to the technical sheet
Possibility to install up to 3 sensors in parallel
Additional remote manual control possible with push button, 10 max.
Can be associated with a modular time-lag switch (p. 106)
Accepted power by lamp type will be power of the modular time-lag switch used

Sensor without override



Pack	Cat.Nos	
1	0 784 58A	○ White
1	0 792 47A	● Alu
1	0 791 58LA	● Matt Black

Sensor with override

Pack	Cat.Nos	
1	0 784 59A	○ White

Front override push-button to select “Always ON”, “Automatic” or “Always OFF” mode

Motion sensors, 3-wire, with neutral

Stanby consumption: 0.015 W
Accepted power by lamp type:
- LEDs and CFL lamps: 0 to 500 W LED
- Compact fluorescent: 0 to 500 W
- Halogens, incandescent: 0 to 2000 W
- LEDs, CFLs, Halogen, fluo tube with ferromagnetic or electronic transformer: 0 to 1000 VA

Possibility to install up to 10 sensors in parallel
Additional remote manual control possible with push button, 10 max.
Master/Slave function available (10 slaves max. for 1 master)

Mechanism

Pack	Cat.Nos	
1	0 784 54A	○ White
1	0 792 58A	● Alu
1	0 791 54LA	● Matt Black

Supplied complete

Supplied with support and plate

Pack	Cat.Nos	
1	0 488 97LA	○ White

Active Power Bleeder

Pack	Cat.Nos	
1	0 401 49	

Allows 2-wire electronic switches without neutral to be compatible with all loads (LED, fluocompact…)
Consumption : 1.8 W (0.2 W on stand-by)

Mosaic™ mechanisms

dimming control

0 792 07A

0 784 04

0 784 10

Selection chart for boxes, supports and plates **p. 1198-1199**

Push-dimmer without neutral, 2 wires

Can be associated with one or several push-buttons (non illuminated type). Each push-button able to perform the On/Off and dimming function
When switched on, lights up at the level set before last switch-off
Standby consumption < 5 mW
For all types of lamps:
- Dimmable LEDs and CFLs: 3 to 125 W LED (10 lamps max.)
- Halogen, incandescent 230 V~ : 3 to 125 W
- Halogen with ferromagnetic or electronic transformer: 3 to 125 VA (specific setting mode for this load charge)
- ELV Halogen with ferromagnetic or electronic transformer: 3 to 125 VA (specific setting mode for this load charge)
2 modules

Mechanism
To be equipped with support and plate

Pack	Cat.Nos	
1	0 784 07A	○ White
1	0 792 07A	● Alu
1	0 791 07LA	● Matt Black

Supplied complete
Supplied with support and plate

Pack	Cat.Nos	
1	0 488 70LA	○ White

Push-dimmer with neutral, 3 wires

Can be associated with one or several push-buttons (non illuminated type). Each push-button able to perform the On/Off and dimming function
When switched on, lights up at the level set before last switch-off
Standby consumption < 5 mW
For all types of lamps:
Dimmable LEDs and CFLs: 0 to 150 W LED (15 lamps max.)
Halogen, incandescent 230 V~ : 0 to 150 W
Halogen with ferromagnetic or electronic transformer: 0 to 150 VA (specific setting mode for this load charge)
ELV Halogen with ferromagnetic or electronic transformer: 0 to 150 VA (specific setting mode for this load charge)
2 modules

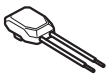
Pack	Cat.Nos	
1	0 784 08A	○ White
1	0 792 08A	● Alu
1	0 791 08LA	● Matt Black

Dimmer switch with neutral, for 0-10 V ballast

Incorporates the dimming level memory function: the light comes on at the lighting level set prior to the last switch-off
Can be combined with one or more non-illuminated push-buttons, with each push-button then providing the on/off and dimming functions
For lamps with 0-10 V ballast, 600 VA
2 modules

Pack	Cat.Nos	
1	0 784 04	○ White

Active Power Bleeder



Pack	Cat.Nos	
1	0 401 49	Allows 2-wire electronic switches without neutral to be compatible with all loads (LED, fluocompact…) Consumption : 1.8 W (0.2 W on stand-by)

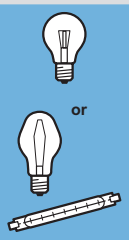
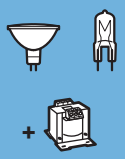
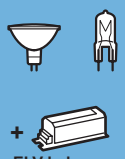
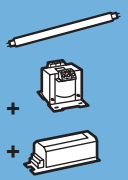
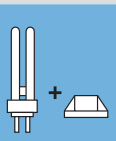
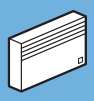
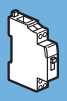
Auxiliary control unit for DIN dimmer

Pack	Cat.Nos	
1	0 784 10	Remote control dimming peripheral for local control of a remote control dimmer, with the same easy operation as a conventional dimmer A power supply Cat.No 0 036 80 is required for controlling DIN-rail modular remote control dimmers Cat.Nos 0 036 60/71 2 modules

Mosaic™ mechanisms

maximum loads

Switches and dimmers maximum loads at 230 V~

Cat.Nos	 Incandescent or halogen lamps	 ELV halogen or compact fluorescent with ferromagnetic transformer	 ELV halogen or compact fluorescent or LED with electronic transformer	 Fluorescent tube with electronic or ferromagnetic transformer	 LED or fluorescent load with 0-10 V~ electronic ballast	Compact fluorescent and dimmable compact fluorescent bulb		LED and dimmable LED bulb		Motor	 Backup heating system	 Contactor
Energy saving switches												
0 770 15 **0 792 15**	12 W 150 W	12 VA 150 VA	12 VA 150 VA	12 VA 100 VA	-	12 W 60 W	50 mA 650 mA	12 W 60 W	50 mA 650 mA	-	-	-
Radio dimmer												
0 746 87	7 W 300 W	35 VA 300 VA	10 VA 300 VA	35 VA 300 VA	-	9 W[2] 60 W (10 lamps maxi)		5 W[3] 60 W (10 lamps maxi)		-	-	-
Sensitive switches												
0 766 66L **0 766 67L** **0 766 95L**	5 W 200 W	5 VA 200 VA	5 VA 200 VA	5 VA 200 VA	5 VA 200 VA	5 VA 200 VA		5 VA 200 VA		-	-	-
Dimmer switches												
0 784 04	-	-	-	-	40 VA 600 VA	-		-		-	-	-
0 784 07A **0 792 07A** **0 791 07LA** **0 488 70L**	3 W 125 W	3 VA 125 VA	3 VA 125 VA	3 VA 125VA	-	3 VA 125 VA (10 lamps maxi)		3 VA 125 VA (10 lamps maxi)		-	-	-
0 784 08A **0 792 08A** 0 791 08LA	0-150 W	0-150 VA	0-150 VA	0-150 VA	-	0-150 VA (15 lamps maxi)		0-150 VA (15 lamps maxi)		-	-	-
Switch sensors												
0 784 58A **0 791 58LA** **0 792 47A** **0 784 59A**	2 W 150 W	2 VA 150 VA	2 VA 150 VA	2 VA 150 VA	-	2 W[4] 100 VA		2 W[4] 100 VA		-	-	-
0 784 54A **0 792 58A** **0 791 54LA** **0 488 97LA**	0-2000 W	0-1000 VA	0-1000 VA	0-1000 VA	-	0-500 VA		0-500 VA		-	-	I max ≤ 2 A
Timer switch												
0 784 20	1000 W	400 VA	400 VA	-	-	-		-		250 VA	1840 W	-
Programmable time switch												
0 784 25	1200 W	1800 VA	2300 VA	-	-	100 VA[1]		-		1800 VA	-	-
Touch switch												
0 787 09	1000 W	500 VA	500 VA	500 VA	-	500 VA		500 VA		100 VA	1000 W	I max ≤ 2 A

1: Does not work with dimmable compact fluorescent bulb
2: Works with dimmable CFL
3: Works with dimmable LED bulbs
4: When several sensors on the same circuit, the minimum load increases

Mosaic™ mechanisms

colour-lighting management

0 784 03

0 488 60

Selection chart for boxes, supports and plates **p. 1198-1199**

Pack	Cat.Nos	Colour-lighting dimmers
		Allow the user to create lighting ambiances For (LEDs) DALI ballasts and drivers For controlling max. 21 RGB (Red/Green/Blue) luminaires Configuration via “learn” button Ideal for show-rooms, shops, restaurants, hotels, beauty salons... Work with power supply Cat.No 0 035 15 White
1	0 784 03	**Dimmer - 1 area** Allows manual change of colours and adjustment of light intensity and saturation

Pack	Cat.Nos	DALI power supplies
		Work with colour-lighting dimmers Cat.Nos 0 784 03 and 0 488 60 230 V - 200 mA - 16 V
1	0 035 13	2 modules DIN
1	0 035 15	For installation in false ceiling

Mosaic™ mechanisms

timer switch and programmable time switch

0 784 20

0 784 25

Selection chart for boxes, supports and plates **p. 1198-1199**

Pack	Cat.Nos	Timer switch
		Interference suppression conforming to standard EN 55022 For timer control of a circuit with the following loads: - 1000 W 230 V~ incandescent and halogen - 1840 W resistive (heating) - 400 VA fluorescent and ELV halogen It is possible to install a number of timer switches in parallel on the same circuit 2-wire installation in 40 mm min. box Has an integrated LED. 2 modules
1	0 784 20	 ○ White

Pack	Cat.Nos	Programmable time switch
		20 hours working reserve Capacity: 8 weekly programmes Temporary or permanent override 1 output - 6 A - 250 V~ cos Ø = 1 1 changeover contact Used to programme the control of a circuit with the following loads: - 1200 W 230 V~ incandescent and halogen - 1800 VA fluorescent Ø26 or 38 mm and ELV halogen with ferromagnetic or electronic transformer - 1800 W motors (ventilation only) - 3600 W resistive (heating only)
1	0 784 25	 ○ White

Mosaic™ mechanisms

heating and temperature regulation

0 767 20

0 767 23

Selection chart for boxes, supports and plates **p. 1198-1199**

Fast connection via automatic terminals, no tool required

Pack	Cat.Nos	
1	2 modules 0 767 20	**Room thermostats** Power supply 230 V~ - 50/60 Hz Suitable for regulation of ceiling panel heating and direct floor heating **Electronic** Alternatively for cooling systems Adjustment range from 10 °C to 30 °C Frost protection 7 °C Adjustment accuracy +/- 0.5 °C (category B) One output by non-powered contact Push-button on front face for selecting the operating mode (off, switch off when temperature falls or rises) Adjustable brightness of LEDs • LV use Breaking capacity: - 8 A / 250 V~ - resistive circuit - 2 A / 250 V~ - inductive circuit • ELV use Breaking capacity from 1 mA min. to 500 mA max. 12 to 48 V~ / 12 to 24 V⎓ ○ White
1	2 modules 0 767 23	**Sensor for DIN-rail modular thermostat** Measures the temperature for DIN-rail modular thermostat To be installed with a support ○ White

Mosaic™ mechanisms

roller blind controls

0 787 05

0 791 26L

0 792 28

Selection chart for boxes, supports and plates **p. 1198-1199**

Fast connection via automatic terminals, no tool required

Pack	Cat.Nos	
10 1 1 1	0 770 26 0 792 26 0 787 05 0 791 26L	**Roller blind switches** For direct raise/lower/stop control of 500 W max. blind, awning or canopy motor ○ White ● Alu ○ White antimicrobial(1) ● Matt Black
10 1 10 1 1	0 770 25 0 792 25 0 770 28 0 792 28 0 791 28L	**Roller blind push-buttons** **For 1 roller blind** For controlling 500 W max. blind, awning or canopy motor by electronic control box ○ White ● Alu **For 1 or several roller blinds** For direct control of motors Can be associated with multiple control relay Cat.No 0 676 22 (2 positions: up/down) ○ White ● Alu ● Matt Black
1	0 766 90	**Single pole relay** Used to bring functions with low breaking capacity close to the application Resistive: 3000 W Incandescent: 1800 W LV halogen: 1800 W Fluorescent: 400 VA Motors (roller blind type): 530 W 2 modules
1	0 676 22	**Multiple control relay** For controlling several roller blinds simultaneously To be mounted in flush-mounting box depth 40 mm

1: Contains a silver compound to prevent the growth of bacteria on the surface of the plate

Mosaic™ mechanisms

keyswitches, emergency stop push-buttons, keycard switches, hotel bedroom indicators and shaver socket

0 766 30

0 770 72

0 770 75

0 766 01

Selection chart for boxes, supports and plates **p. 1198-1199**

Pack	Cat.Nos	Keyswitch for emergency lighting luminaires
1	0 766 30	For simultaneous remote control: switching off the normal lighting and setting the emergency lighting to rest mode Can be used to multiply the number of control points for setting the building to rest mode (eg: one per access point) Must be used in addition to multifunction remote control unit 0 625 20/21 2 modules ○ White

Pack	Cat.Nos	Keyswitches
		2 modules
		2-position switch By changeover contact 6 A - 250 V~ RONIS key no. 601 Key can be removed in both positions
1	0 770 72	○ White
		3-position switch Changeover switch with OFF position 6 A - 250 V~ RONIS key no. 601 Key can be removed in all 3 positions
1	0 770 73	○ White
		2-position switch - European key barrel 1 contact - 2 poles 10 A - 250 V~ Key extracted in central position without changing the status of the contacts ON/OFF Must be fitted with standard European key barrel or key barrel Cat.No 0 697 95
1	0 770 74	○ White
		3-position push-button - European key barrel Changeover switch with OFF position 10 A - 250 V~ Key extracted in OFF position Must be fitted with standard European key barrel or key barrel Cat.No 0 697 95
1	0 770 75	○ White
		European key barrel
1	0 697 95	European key barrel supplied with one set of 3 keys

Pack	Cat.Nos	Emergency stop mushroom head push-buttons
		2 modules
		With key NO + NC 3 A - 250 V~ Unlock with RONIS key no. 455
1	0 766 01	◐ Red/yellow

Pack	Cat.Nos	Emergency stop mushroom head push-buttons (continued)
		1/4 turn NO + NC - 3 A - 250 V~ - 1/4 turn unlocking
1	0 766 02	◐ Red/yellow

Pack	Cat.Nos	Keycard switches
		For energizing a circuit by inserting an ISO format card (e.g: Cat.No 0 767 11 or hotel room access card) Time-delay: 30 sec. after card removal Backlight insert badge area 2 modules
		Electronic keycard switches
1	0 767 28	Only operates with MIFARE contactless ISO badge cards (e.g Cat.No 0 767 11 p. 518) Contact capacity: - 110 V, power 15 VA - 230 V, power 30 VA
		Mechanical keycard switches Operate via contact with ISO card or key fob Cat.No 0 898 06 Contact capacity: - 110 V, power 15 VA - 230 V, power 30 VA
1	0 784 45	○ White
1	0 791 35L	● Matt Black
		Key fob
10	0 898 06	Supplied complete with a label holder for individual hotel identification

Pack	Cat.Nos	Hotel bedroom indicators
		Indicator lamp and bell push Enable the resident to inform hotel staff of the room status 2 settings available: Do not disturb / Please clean the room
5	0 770 47	Installed in the corridor, displays calls Supplied with lamps
5	0 770 48	Allows the user to select the desired setting Supplied with lamp Cat.No 0 676 68

Pack	Cat.Nos	Shaver socket IP 24 - IK 04
		Conform to EN 60742 and EN 61558-2 Power supply 230 V~ - 50/60 Hz and 1 output 120/220 V~ Connection via automatic terminals Equipped with a circuit separation transformer to isolate the user from the mains supply Protected against overloads and short circuits by built-in thermal relay limiting the available power to 20 VA Insertion of the plug activates the power supply to the transformer
1	0 775 86	With integrated support For flush mounting 2 gang boxes only, 40 mm deep 5 modules

Red catalogue numbers: New products

Mosaic™ mechanisms

German standard multi-support single and multiple socket outlets

0 793 50L

0 772 17

0 772 19

0 793 71L

2 782 52L

Selection chart for boxes, supports and plates **p. 1198-1199**

Pack	Cat.Nos	Multi-support single socket outlets
		For installation in flush-mounting box, surface-mounting box, floor box, column module, desktop multi-outlet extension, office module and trunking 2 modules
		2P+E with shutters for child protection
10	2 782 11L	○ White - automatic terminals
10	2 782 13L	○ White - with special tap-off screw and 4 mm² screw terminals
10	2 782 18L	● Red - automatic terminals
10	0 792 13	● Alu - screw terminals
10	0 793 50L	● Matt Black - automatic terminals
10	0 793 51L	● Matt Black - screw terminals
10	0 787 02	○ White antimicrobial(2) - screw terminals
10	0 772 16	● Green antimicrobial(2) - automatic terminals
10	0 772 17	● Orange antimicrobial(2) - automatic terminals
10	0 772 20	● Red antimicrobial(2) - screw terminals
		2P+E without child protection
10	2 782 10L	○ White - screw terminals
10	0 793 60L	● Matt Black - screw terminals
		2P+E angled 45°
10	0 772 45	○ White - automatic terminals
10	0 793 55L	● Matt Black - automatic terminals
		2P+E tamperproof
10	2 780 14L	● Red - screw terminals To be used with the tamperproof insert Cat.No 0 502 99
		2P+E with cover
10	0 772 19	○ White antimicrobial(2) - automatic terminals
		2P+E with indicator
10	0 772 12	○ White antimicrobial(2) - automatic terminals Indicator 230 V - 2.4 mA supplied
		2P+E socket outlet with Type-C USB charger
		Used to connect a device and fast charge a tablet or smartphone USB Type-C charger 1.5 A/7.5 W - 5 V= incorporated on the front of the socket 3 x 2.5 mm² automatic tap-off terminals Self-protected against overvoltages Supplied complete with support, not compatible with mounting on multiple supports Compatible with multigang wall mounting 2 modules
10	0 772 71L	○ White
10	0 793 71L	● Alu
10	0 791 71L	● Matt Black

Pack	Cat.Nos	Multi-support multiple socket outlets
		For installation in flush-mounting box, surface-mounting box, floor box, column module, desktop multi-outlet extension and office module Inclined 45° - IK 07 Connection by automatic terminals
		2 x 2P+E
		For installation in flush-mounting box, surface-mounting box, floor box, column module, desktop multi-outlet extension and office module Inclined 45° - IK 07 Connection by automatic terminals
10	2 782 52L	○ White
10	0 772 90	○ White - with indicator 230 V - 2.4 mA (supplied)
10	0 792 82	● Alu
10	0 793 72L	● Matt Black
10	0 772 72	● Red
10	0 772 91	● Red - with indicator 230 V - 2.4 mA (supplied)
10	0 772 81	● Red - tamperproof. To be used with tamperproof insert Cat.No 0 502 99
10	0 772 92	● Red - tamperproof, with indicator 230 V - 2.4 mA (supplied). To be used with tamperproof insert Cat.No 0 502 99
		2 x 2P+E - for DLP trunking
		Screw terminals
10	2 786 02L	○ White
		3 x 2P+E
		For installation in flush-mounting box, surface-mounting box, floor box, column module, desktop multi-outlet extension and office module Inclined 45° - IK 07 Connection by automatic terminals
10	2 782 53L	○ White
10	0 792 83	● Alu
10	0 793 73L	● Matt Black
10	0 772 73	● Red
10	0 772 82	● Red - tamperproof. To be used with tamperproof insert Cat. No 0 502 99
		3 x 2P+E - for DLP trunking
		Screw terminals
10	2 786 03L	○ White

1: Contains a silver compound to prevent the growth of bacteria on the surface of the plate

Red catalogue numbers: New products

Mosaic™ mechanisms - German standard

multi-support single and multiple socket outlets (continued)

0 772 74

Selection chart for boxes, supports and plates **p. 1198-1199**

Pack	Cat.Nos	Multi-support multiple socket outlets (continued)
		4 x 2P+E
5	0 772 54	○ White
5	0 772 74	● Red
5	0 772 83	● Red - tamperproof. To be used with tamperproof insert Cat.No 0 502 99
		Accessories
10	0 502 99	Tamperproof insert To be fitted directly onto the 2P+E plug of the device to be connected to the tamperproof socket outlet
10	0 898 07	Cable grip
10	0 771 00L	2P+E Mosaic Link fast connector
		Green light for socket outlets
10	0 676 63	230 V Consumption 2.4 mA To be wired

Mosaic™ mechanisms

international standards socket outlets

0 775 05

0 787 00

Selection chart for boxes, supports and plates **p. 1198-1199**

Pack	Cat.Nos	Other standard socket outlets
		US standard - white
10	0 775 03	1 module
10	0 775 04	2 modules - 15 A
		British standard - white
10	0 775 05	2 modules - 13 A
		Italian type - white
10	0 775 10	1 module - 10 A - screw terminals
10	0 775 11	1 module - 10/16 A - screw terminals
		German-Italian standard
10	0 775 12	2 modules - 16 A - screw terminals Not compatible with a 2-module support
		Swiss type - white
10	0 775 06[1]	2 modules - type 13
		Danish standard - white
10	0 775 08[1]	2 modules - with shutters for child protection
10	0 775 09[1]	2 modules - for UPS - with shutters for child protection
		2P ELV socket outlet
		With shutters for child protection For installation in flush-mounting box, surface-mounting box, floor box, column module, desktop multi-outlet extension, office module and trunking
10	0 771 50	1 module - white antimicrobial(1)
		Equipotential sockets
		Equalise the voltages of all the conductive elements and all the exposed conductive parts, as well as limiting the contact voltage to a value that is not dangerous for people. For use in hospital environments to prevent disturbance of sensitive equipment Conform to standards DIN 42801 and IEC 60364-7-710
1	0 787 00	1 module White antimicrobial(1)
1	0 787 60L	2 modules White antimicrobial(1)
		Equipotential plug
10	7 759 93	Equipotential connection plug

1: Contains a silver compound to prevent the growth of bacteria on the surface of the plate

Mosaic™ mechanisms

USB charging sockets and Mosaic Link USB charging sockets

0 776 90L

0 776 82L

0 791 90L

0 793 94

0 776 70L

Selection chart for boxes, supports and plates **p. 1198-1199**

Conform to IEC 62684-2011-01. Class II SELV
Surge protection > 1 kV. Power supply AC/DC efficiency level: VI.
Standby consumption: < 0.07 W - 230 V - 5 V⎓
2 x 2.5 mm² screw terminals (except for Cat.Nos 0 776 7XL and Mosaic Link charging sockets)
Supplied cordless

USB charging sockets Type-C - Power Delivery

For quick charging of devices such as smartphones, laptops, tablets and Powerbanks

Single USB - Type-C - 20 W - 1 module
For installation in floor boxes, columns, mini-columns, desktop multi-outlet extensions and DLP trunkings
Not compatible with Batibox flush-mounting box

Pack	Cat.Nos	
1	0 776 90L	○ White
1	0 776 92L	● Matt black
1	0 776 91L	● Alu

Single USB - Type-C - 30 W - 2 modules

Pack	Cat.Nos	
1	0 775 85L	○ White
1	0 793 85L	● Matt black
1	0 791 85L	● Alu

Single USB - Type-C - 45 W - 2 modules
Ideal for laptop charging

Pack	Cat.Nos	
1	0 776 55L	○ White
1	0 776 57L	● Matt black
1	0 776 56L	● Alu

Double USB - Type-C - 30 W - 2 modules
For charging devices such as smartphones and laptops

SEPT. 2023

Pack	Cat.Nos	
1	0 776 31L	○ White
1	0 776 33L	● Matt black
1	0 776 32L	● Alu

Double USB - Type-C - 63 W - 3 modules
For installation in floor boxes, columns, mini-columns, desktop multi-outlet extensions and DLP trunkings
Ideal for laptop charging
Automatic terminals

SEPT. 2023

Pack	Cat.Nos	
1	0 776 73L	○ White
1	0 776 75L	● Matt black
1	0 776 74L	● Alu

USB charging sockets Type-C

For charging devices such as smartphones, laptops, tablets and Powerbanks

Single USB - Type-C - 1.5 A / 7.5 W - 1 module

Pack	Cat.Nos	
1	0 775 89	○ White
1	0 791 89L	● Matt black
1	0 793 89	● Alu

Double USB - Type-C - 3 A / 15 W - 1 module
For installation in floor boxes, columns, mini-columns, desktop multi-outlet extensions and DLP trunkings
Not compatible with Batibox flush-mounting box

Pack	Cat.Nos	
1	0 776 80L	○ White
1	0 776 82L	● Matt black
1	0 776 81L	● Alu

Double USB - Type-C - 3 A / 15 W - 2 modules

Pack	Cat.Nos	
1	0 775 90	○ White
1	0 791 90L	● Matt black
1	0 793 90	● Alu

USB charging sockets Type-A

For charging devices such as smartphones, laptops, tablets and Powerbanks

Single USB - Type-A - 1.5 A / 7.5 W - 1 module

Pack	Cat.Nos	
1	0 775 91	○ White
1	0 793 91	● Alu

Single USB - Type-A - 3 A / 15 W - 1 module
For installation in floor boxes, columns, mini-columns, desktop multi-outlet extensions and DLP trunkings
Not compatible with Batibox flush-mounting box

Pack	Cat.Nos	
1	0 776 50L	○ White
1	0 776 52L	● Matt black
1	0 776 51L	● Alu

Double USB - Type-A - 3 A / 15 W - 1 module
For installation in floor boxes, columns, mini-columns, desktop multi-outlet extensions and DLP trunkings
Not compatible with Batibox flush-mounting box

Pack	Cat.Nos	
1	0 776 60L	○ White
1	0 776 62L	● Matt black
1	0 776 61L	● Alu

Double USB - Type-A - 3 A / 15 W - 2 modules

Pack	Cat.Nos	
1	0 775 94	○ White
1	0 791 94L	● Matt black
1	0 793 94	● Alu

USB charging sockets Type-A + Type-C

For charging devices such as smartphones, laptops, tablets and Powerbanks

Double USB - Type-A + Type-C - 3 A / 15 W - 1 module
For installation in floor boxes, columns, mini-columns, desktop multi-outlet extensions and DLP trunkings
Not compatible with Batibox flush-mounting box

Pack	Cat.Nos	
1	0 776 70L	○ White
1	0 776 72L	● Matt black
1	0 776 71L	● Alu

Double USB - Type-A + Type-C - 3 A / 15 W - 2 modules

Pack	Cat.Nos	
1	0 775 92	○ White
1	0 793 92	● Alu

Mosaic Link USB charging sockets - Type-A + Type-C - 3 A - 15 W - 2 modules

Used to connect a device and fast charge a tablet or smartphone. With side connection via bistable automatic terminals
For installation in floor boxes, columns, mini-columns, desktop multi-outlet extensions, DLP trunkings and flush-mounting boxes depth 50 mm
Can be combined with other Mosaic Link sockets using a connection accessory (supplied)

Pack	Cat.Nos	
10	0 775 70L	○ White
10	0 791 93L	● Matt black
10	0 792 93L	● Alu

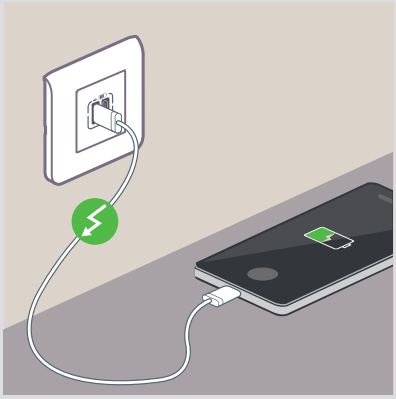
Red catalogue numbers: New products

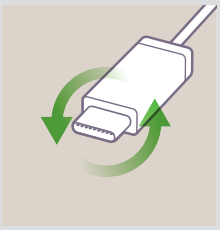
Why USB Type-C ?

• To charge faster than with the USB Type-A connector
• To reduce charging time in Power Delivery mode (booster)
• To make life easier for users with a single reversible cord
• To accompany the change of all multimedia terminals (laptops, tablets, phones)

What is USB Type-C ?

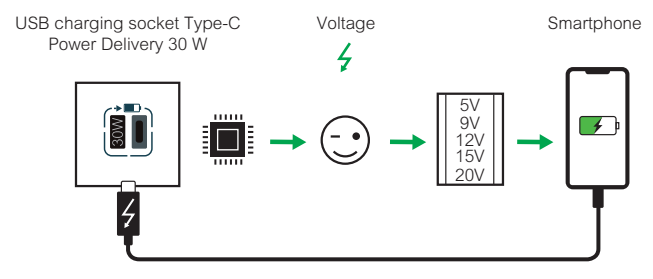
The USB Type-C connector is the new standard adopted by mobile terminals for charging and data
It is compatible with all major brands of portable devices (Apple, Samsung, LG, Huawei, Google, Sony, etc.

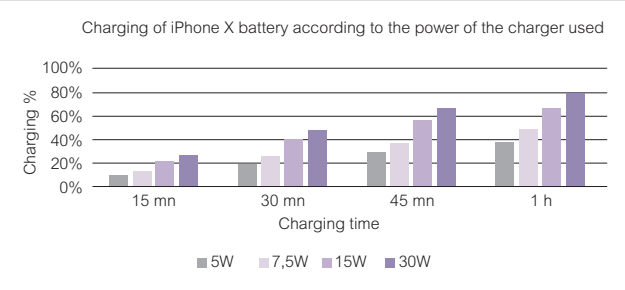




How to charge faster all your terminals?

When using a wall-mounting USB Type-C Power Delivery charging socket, the terminal (smartphone) asks the charging socket and selects the most favorable voltage to its battery in order to optimize its charging time while guaranteeing the user and its battery safety.





With a 30 W Power Delivery charger:
• 50% charge reached in less than 30 minutes
• 80% charge reached in 1 hour
• 50% time saving compared to a 5 W charger

Recommendations:
• Faster charging in OFF mode
• Faster charging in ON mode: decrease brightness < 50%

For charging in working places

Facilitates access to charge points
Saves the user having to carry his mobile charger along
Allows having more connection points available

Office or meeting rooms

Wall-mounted USB charging sockets help reduce e-waste

50 million tons of electronic waste per year produced in Europe
Main objective: carbon neutrality
• Built-in mounted USB chargers can be shared and are never forgotten (examples: hotels, holidays, office)
• New smartphones (Apple, Samsung) are now delivered without mobile charger and are USB Type-C Power Delivery compatible
• USB Type-C standardization drastically limits the diversity of cords required between multimedia terminals for the exchange of data and for charging

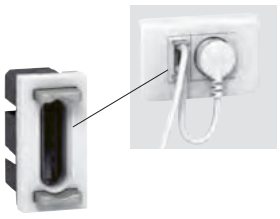
Mosaic™ mechanisms

voltage surge protector, replacement module, buzzers, bells, blanking plates and cable outlets

0 775 40

0 775 41

0 775 51


0 770 80

Selection chart for boxes, supports and plates **p. 1198-1199**

Pack	Cat.Nos	Voltage surge protector
1	0 775 40	16 A - 250 V~ - 50/60 Hz Protection against overvoltages of atmospheric or industrial origin, in an installation already protected by a voltage surge protector in the panel For installation downstream of an RCBO, protects all the sockets wired in cascade with the voltage surge protector. Operation displayed by indicator light Keeps the socket energised after an overvoltage (mains or lightning strike) until replacement of module Cat.No 0 775 41 Nominal discharge current (In): 1.5 kA Maximum permissible current (Imax): 6 kA Protection level (Up): L-N: 1 kV; N-PE: 1 kV Open circuit voltage (Uoc): 3 kV Conform to standards EN 61643-11 ○ White 2 modules
1	0 775 41	**Replacement module for voltage surge protector** For Cat.No 0 775 40
		Buzzers and bells
10	0 766 40	**Buzzers - 2 modules** White - 8 V~ - 50/60 Hz Consumption 370 mA Sound level 70 dB at 1 m
10	0 766 41	White - 230 V~ - 50/60 Hz Consumption 25 mA Sound level 70 dB at 1 m
1	0 766 42	**Electronic bell - 2 modules** White 12-24-48 V⎓ Consumption 5-9-17 mA Sound level 80 dB at 1 m
		Blanking plates
		For Mosaic mechanisms
		1 module
10	0 770 70	○ White
10	0 792 70	● Alu
10	0 787 20	○ White antimicrobial(1)
10	0 793 70L	● Matt Black
		2 modules
10	2 770 71L	○ White
10	0 792 80	● Alu
10	0 791 81L	● Matt Black
10	0 787 21	○ White antimicrobial(1)
		Tap-off
10	0 775 53	Equipped with 3 terminals to facilitate the 20 A tap-off 2 modules ○ White

Pack	Cat.Nos	Cable outlets
		16 A with cable grip - 2 modules
10	0 775 51	Equipped with 4 automatic connection terminals on the front and rear faces for easy connection ○ White
		20 A with cable grip - 2 modules
10	2 775 50L	○ White
10	0 775 59	○ White (pack of 50)
10	0 792 49	● Alu
10	0 791 50L	● Matt Black
		Ø8 mm wire outlet - 1 module
10	0 775 52	○ White
		Anti-extraction module
1	0 770 80	When used with a socket, avoids accidental unplugging of sensitive electrical equipment, by gripping the cord (Ø4 to 8 mm cords) Can withstand an extraction force of 350 N (35 kgs) 1 module - white antimicrobial(1)

1: Contains a silver compound to prevent the growth of bacteria on the surface of the plate

Red catalogue numbers: New products

Mosaic™ mechanisms

proximity MCBs

0 775 21

Selection chart for boxes, supports and plates **p. 1198-1199**

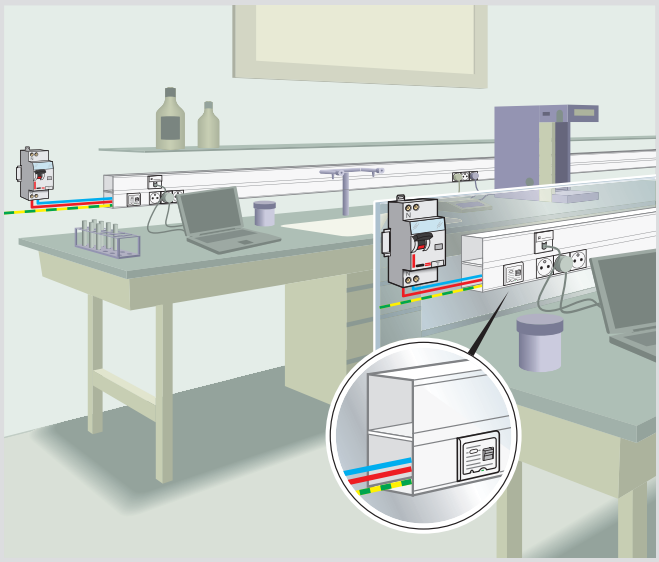
Pack	Cat.Nos	Proximity MCBs
		Used for local protection of part of a circuit against overloads and short circuits Used in addition to the main protection device Due to its proximity to the user and its discrimination with the main protection device, the restart can be immediate 2 modules Technical characterictics : see e-catalogue
		Single pole thermal magnetic MCB + Neutral 230 V∿ Can also be used as a local consumption limiter (depending on its rating) Breaking capacity: 3000 A - NF C 61-410 (10/16 A) 1500 A - NF C 61-410 (6 A) White
1	0 775 21	10 A
1	0 775 22	16 A
		Single pole RCBOs + Neutral 230 V∿ Provides additional protection of people (premises with conductive flooring, presence of water, etc.) against direct contact with live parts or earth leakages Type-A White
1	0 775 31	10 A - 30 mA with test button
1	0 775 32	16 A - 30 mA with test button
1	0 775 33	10 A - 10 mA with test button
1	0 775 34	16 A - 10 mA with test button

Mosaic™ mechanisms

proximity MCBs

Utilisation example of an RCBO

To associate with a modular RCBO (p. 62-63)
In case of local failure (on workstation), enables the user to reset the RCBO with no impact on other groups of sockets



Selectivity

RCBOs or upstream MCBs / Downstream MCBs		DX³ 4500 - 6 kA / DX³ 6000 - 10 kA DX³ 10000 - 16 kA / Ph + N, 1P, 2P, 3P, 4P C curve						
		16 A	20 A	25 A	32 A	40 A	50 A	63 A
Mosaic 1P+N MCBs and RCBOs	10 A	120	150	187	240	300	375	472
	16 A	-	150	187	240	300	375	472

RCBOs or upstream MCBs / Downstream MCBs		DX³ 10000 - 16 kA (80 à 125 A) DX³ 25 kA, 36 kA, 50 kA C curve								
		16 A	20 A	25 A	32 A	40 A	50 A	63 A	80 A	100 A	125 A
Mosaic 1P+N MCBs and RCBOs	10 A	120	150	210	500	700	1000	1800	3000	5000	T
	16 A		150	187	300	500	700	1300	2000	3600	5500

Mosaic™ mechanisms

RJ 45 sockets - Cat. 6A and 6

0 765 73

0 765 76

0 794 76

0 791 76L

0 765 24

0 765 25

0 765 99

Selection chart for boxes, supports and plates **p. 1198-1199**

Can be integrated in all supports (p. 1198-1199)
Mechanisms to be equipped with support frames and plates
Equipped with connectors with quick toolless connection
Take single-core cables from AWG 22 up to AWG 26, and AWG 26 multicore cables
T568A and B marking with colour codes
Compliant with ISO/IEC 11 801, EN 50173 and ANSI/TIA 568 standards

Pack	Cat.Nos	Cat. 6A RJ 45 sockets
		STP - 1 module
		360° metal shielding
10	0 765 73	○ White
10	0 794 73	◉ Alu
10	0 791 73L	● Matt Black
10	0 765 84	○ White antimicrobial(2)
		STP - 2 modules
		360° metal shielding
10	0 765 76	○ White
10	0 794 76	◉ Alu
10	0 791 76L	● Matt Black
10	0 765 24	○ White with green shutter
10	0 765 25	○ White with orange shutter
10	0 765 08	○ White - angled 45°
		STP with controlled access - 2 modules
		360° metal shielding
		Supplied with 2 keys for 5 sockets
5	0 765 99	○ White with red shutter
		UTP - 1 module
10	0 765 71	○ White
10	0 794 71	◉ Alu
10	0 765 26	○ White with green shutter
10	0 765 27	○ White with orange shutter
		UTP - 2 modules
10	0 765 74	○ White
10	0 794 74	◉ Alu
10	0 765 09	○ White - angled 45°
		UTP with controlled access - 2 modules
		Supplied with 2 keys for 5 sockets
5	0 765 90	○ White with red shutter

Pack	Cat.Nos	Cat. 6 RJ 45 sockets
		UTP - 1 module
10	0 765 61	○ White
10	0 794 61	◉ Alu
10	0 794 61L	● Matt Black
10	0 765 81	○ White antimicrobial(2)
		UTP - 2 modules
10	0 765 64	○ White
10	0 794 64	◉ Alu
10	0 791 64L	● Matt Black
		UTP with controlled access - 2 modules
		Supplied with 2 keys for 5 sockets
5	0 765 94	○ White with red shutter
		UTP 90° - 2 modules
		Vertical snap-on socket for column module
10	0 765 91	○ White
		UTP 45° - 2 modules
10	0 765 03	○ White
		UTP 45° - 2 x RJ 45 - 2 modules
5	0 765 04	○ White
		UTP retractable RJ 45 socket - 4 modules
		With integrated retractable cord (0.9 m)
		Winds up automatically with a push-button
1	0 765 32	○ White
		UTP 2 x RJ 45 with Soluclip accessory - 3 modules
		For snap-on mounting on DLP trunking with 45 mm cover
5	0 765 44	○ White
		FTP - 1 module
10	0 765 62	○ White
10	0 794 62	◉ Alu
10	0 791 62L	● Matt Black
10	0 765 82	○ White antimicrobial(2)
		FTP - 2 modules
10	0 765 65	○ White
10	0 794 65	◉ Alu
10	0 791 65L	● Matt Black
10	0 765 22	○ White with green shutter
10	0 765 23	○ White with orange shutter
		FTP 2 x RJ 45 with Soluclip accessory - 3 modules
		For snap-on mounting on DLP trunking with 45 mm cover
5	0 765 46	○ White

Red catalogue numbers: New products

Mosaic™ mechanisms

RJ 45 sockets - Cat. 6

0 794 33

0 765 63

0 765 96

Selection chart for boxes, supports and plates **p. 1198-1199**

Can be integrated in all supports (p. 1198-1199)
Mechanisms to be equipped with support frames and plates
Equipped with connectors with quick toolless connection
Take single-core cables from AWG 22 up to AWG 26, and AWG 26 multicore cables
T568A and B marking with colour codes
Compliant with ISO/IEC 11 801, EN 50173 and ANSI/TIA 568 standards

Pack	Cat.Nos	Cat. 6 RJ 45 sockets (continued)
		FTP with controlled access - 2 modules
		Supplied with 2 keys for 5 sockets
5	0 765 95	○ White with red shutter
		FTP 45° - 2 modules
10	0 765 05	○ White
		FTP 2 x RJ 45 45° - 2 modules
5	0 765 06	○ White
		FTP retractable RJ 45 sockets - 4 modules
		With integrated retractable cord (0.9 m)
		Winds up automatically with a push-button
1	0 765 33	○ White
1	0 794 33	● Alu
		FTP 90° - 2 modules
		Vertical snap-on socket for column module
10	0 765 92	○ White
10	0 794 92	● Alu
		Shielded STP - 1 module
10	0 765 63	○ White
10	0 765 83	○ White antimicrobial(1)
		Shielded STP - 2 modules
10	0 765 66	○ White
		Shielded STP with controlled access - 2 modules
		Supplied with 2 keys for 5 sockets
5	0 765 96	○ White with red shutter
		STP 45° - 2 modules
		Vertical snap-on socket for column module
10	0 765 07	○ White
		Shielded STP 90° - 2 modules
		Vertical snap-on socket for column module
10	0 765 93	○ White

1: Contains a silver compound which prevents the growth of bacteria at the surface

Mosaic™ mechanisms

RJ 45 sockets - Cat. 5e

0 765 54

0 765 52

0 794 55

Selection chart for boxes, supports and plates **p. 1198-1199**

Can be integrated in all supports (p. 1198-1199)
Mechanisms to be equipped with support frames and plates
Equipped with connectors with quick toolless connection
Take single-core cables from AWG 22 up to AWG 26, and AWG 26 multicore cables
T568A and B marking with colour codes
Compliant with ISO/IEC 11 801, EN 50173 and ANSI/TIA 568 standards

Pack	Cat.Nos	Cat. 5e RJ 45 sockets
		UTP - 1 module
10	0 765 51	○ White
10	0 794 51	● Alu
		UTP - 2 modules
10	0 765 54	○ White
10	0 794 54	● Alu
		UTP with controlled access - 2 modules
		Supplied with 2 keys for 5 sockets
10	0 765 97	○ White with red shutter
		UTP - 2 x RJ 45 with Soluclip accessory - 3 modules
		For snap-on mounting on DLP trunking with 45 mm cover
5	0 765 41	○ White
		UTP retractable RJ 45 socket - 4 modules
		With integrated retractable cord (0.9m)
		Winds up automatically with a push-button
1	0 765 30	○ White
		UTP 45° - 2 modules
10	0 765 01	○ White
		2 x RJ 45 UTP 45° - 2 modules
5	0 765 02	○ White
		FTP - 1 module
10	0 765 52	○ White
10	0 794 52	● Alu
		FTP - 2 modules
10	0 765 55	○ White
10	0 794 55	● Alu
		FTP with controlled access - 2 modules
		Supplied with 2 keys for 5 sockets
10	0 765 98	○ White with red shutter
		FTP - 2 x RJ 45 with Soluclip accessory - 3 modules
		For snap-on mounting on Mosaic trunking with 45 mm cover
5	0 765 42	○ White

Mosaic™ mechanisms

rear pluggable RJ 45 sockets

0 786 22

0 786 26

Selection chart for boxes, supports and plates **p. 1198-1199**

Pack	Cat.Nos	Rear pluggable RJ 45 sockets
		For use with area distribution boxes system Connection to boxes via RJ 45-RJ 45 cords Used to create Cat. 6A, 6 and 5e links in accordance with ISO/IEC 11 801, EN 50173 and ANSI/TIA 568 standards Multi-directional cable entry Can be installed in all supports minimum depth 40 mm. 2 modules
		Cat. 6A STP
10	0 786 28	○ White
10	0 786 29	● Alu
		Cat. 6 FTP 9 contacts
10	0 786 23	○ White
10	0 786 27	● Alu
		Cat. 6 UTP 8 contacts
10	0 786 22	○ White
10	0 786 26	● Alu
		Cat. 5e FTP 9 contacts
10	0 786 21	○ White
10	0 786 25	● Alu
		Cat. 5e UTP 8 contacts
10	0 786 20	○ White
10	0 786 24	● Alu

Mosaic™ mechanisms

adaptors for RJ 45 connector and optical sockets

0 786 13

0 791 14L

0 786 17

Selection chart for boxes, supports and plates **p. 1198-1199**

Pack	Cat.Nos	Adaptors for RJ 45 connector
		Equipped with transparent marker holder White - 2 modules
10	0 786 04	For single Keystone connector
10	0 786 10	For 2 Keystone connectors
10	0 786 13	For 2 Keystone connectors - inclined 45°
10	0 786 02	For single Systimax connector
10	0 786 03	For double UTP Systimax connector
10	0 786 09	For single Infra+ connector

Pack	Cat.Nos	Optical sockets - 2 modules
		Equipped with a duplex feedthrough (2 inputs / 2 outputs) To be used to connect two fibers (equipped with their connector) Supplied with protection caps Equipped with a transparent marker-holder 2 modules
		2 x SC/APC single-mode fiber optic socket
1	0 786 14	○ White
1	0 794 15L	● Alu
1	0 791 14L	● Matt Black
		2 x ST fiber optic socket
1	0 786 16	Bayonet connection (STII compatible) ○ White
		2 x SC fiber optic socket
1	0 786 17	Push-pull connection ○ White
		2 x LC fiber optic socket
1	0 786 18	Push-pull connection ○ White

SUB D, USB data sockets and USB extender, **p. 1193**

Red catalogue numbers: New products

Mosaic™ mechanisms

telephone sockets

0 792 38

0 787 32

Selection chart for boxes, supports and plates **p. 1198-1199**

Pack	Cat.Nos	Telephone sockets
		8-contact sockets
10	0 787 38	○ White - 2 modules
10	0 792 38	● Alu - 2 modules
		RJ 11 and RJ 12 sockets Equipped with a modular Jack connector with 1/4 turn terminal for fast connection. Tap-off possible
10	0 787 30	○ White - RJ 11, 4 contacts - 1 module
10	0 792 31	● Alu - RJ 11, 4 contacts - 1 module
10	0 787 31	○ White - RJ 11, 4 contacts - 2 modules
10	0 787 32	○ White - RJ 12, 6 contacts - 2 modules

Mosaic™ mechanisms

television sockets

0 787 95

0 791 86L

0 787 86

0 787 94

0 787 93

Selection chart for boxes, supports and plates **p. 1198-1199**
Technical characteristics see **e-catalogue**

For DVBT, Cablecast and satellite installation
UHD TV compatible
Class A shielded star sockets LTE Ready (4G protected)
Recommended coaxial cable: 17 VATC
Star cabling (1 socket = 1 cable to antenna, splitter or multiswitch). Visual checking of the connection
Meet EN 50083 standards and European directive EM 50083-2
Low attenuation: 1.5 dB
TV: male connector (Ø9.5 mm) - 5-68 / 230-862 MHz
R: female connector (Ø9.5 mm) - 87.5-108 MHz / DAB 174-223 MHz
SAT: "F type" connector - 950-2400 MHz

Pack	Cat.Nos	Multi TV star sockets
		TV-SAT - 1 module
5	0 787 95	○ White
		TV-R-SAT - 2 modules
10	0 787 86	○ White
10	0 792 96	● Alu
10	0 791 86L	● Matt Black
		TV-R-SAT - SAT - 2 modules
10	0 787 94	○ White (In1: TV-R-SAT / In2: SAT 2)
		Single TV star sockets
		TV Ø9.5 mm male
5	0 787 93	○ White - 1 module
10	0 787 82	○ White - 2 modules
10	0 792 92	● Alu - 2 modules
10	0 791 82L	● Matt Black - 2 modules
		TV "F-type"
10	0 787 90	○ White - 1 module
10	0 787 80	○ White - 2 modules
		Other TV socket
		TV-R socket For installation maintenance
10	0 787 83	○ White - 2 modules

Red catalogue numbers: New products

AUDIO/VIDEO SYSTEM

The right system to meet your need

A wide range of technologies (HDMI, HD15 DISPLAY PORT, RCA, JACK) to suit the location and the user requirements!

- Quick installation
- Optimum performance
- Easy connection

Female HDMI preterminated socket

See p. 1193

Audio socket

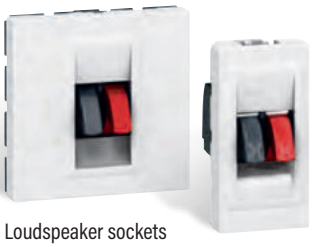
See p. 1194

Attenuator

See p. 1194

HDMI extender

See p. 1193



Loudspeaker sockets

See p. 1194

Cords and adaptors

See p. 833

Mosaic™ mechanisms

audio and video sockets

0 787 78

0 789 79L

0 517 38

0 787 91

0 787 77

0 787 74

Selection chart for boxes, supports and plates **p. 1198-1199**
Installation principle **p. 1195**

HDMI type A sockets

Used to transmit high-definition digital audio/video streams between a source (computer, Blu-ray player…) and a compatible receiver (TV, videoprojector…)
Maximum distance between 2 sockets: 10m

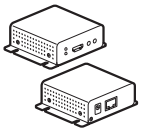
Preterminated - 2.0 - 1 module
Equipped with cord, length 15 cm

Pack	Cat.Nos	
1	0 787 78	○ White
1	0 793 78	● Alu
1	0 794 78L	● Matt Black

Preterminated - 2.0 - 2 modules
Equipped with cord, length 15 cm

Pack	Cat.Nos	
1	0 789 79L	○ White
1	0 792 79L	● Alu
1	0 794 79L	● Matt Black

HDMI extender



Pack	Cat.Nos	
1	0 517 38	Used to connect remote HDMI terminals up to 60 m The kit comprises transmitter and receiver units as well as power supplies The transmitter and receiver are linked by an RJ 45/RJ 45 cable (not supplied) Compatible with 4K, 3D, EDID and HDCP Including infrared control Certified HDBaseT

Display port sockets

Used to transmit high-definition digital audio/video streams between a source (laptop, computer, etc) and a compatible receiver (videoprojector, TV…)
Maximum distance between 2 sockets: 10m

Preterminated socket - 1 module
Equipped with cord, length 15 cm

Pack	Cat.Nos	
1	0 787 91	○ White

HD15 sockets

Used to transmit analog video streams (VGA, XGA, UXGA depending on graphic card) between a source (computer) and a compatible receiver (video projector, TV...)
Maximum distance between 2 sockets: 15m

Preterminated socket - 1 module
Equipped with cord, length 15 cm

Pack	Cat.Nos	
1	0 787 77	○ White
1	0 793 77	● Alu

Screw-type socket - 2 modules

Pack	Cat.Nos	
1	0 787 57	○ White

Screw-type socket + 3.5 mm Jack - 2 modules

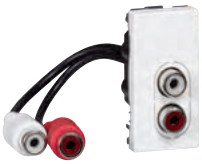
Pack	Cat.Nos	
1	0 787 74	○ White

Red catalogue numbers: New products

Mosaic™ mechanisms

audio and video sockets (continued)

0 795 79L


0 787 47

0 787 55

0 787 60

0 787 50

0 787 76

Selection chart for boxes, supports and plates **p. 1198-1199**

Videoprojector switch

Universal remote switch allowing to turn ON or place in STANDBY mode a video projector
To be installed with a push-button
Works with all videoprojectors or TV through IR learning process
Installed close to the room's lighting switches, it replaces the constructors remote and fosters the ignition and extinction of the video projector therefore reducing energy consumption and extending the bulb's lifetime
2 modules

Pack	Cat.Nos	
1	0 787 99	○ White

Jack sockets 3.5 mm

3.5 mm Jack connectors can be used to create audio/video links

Preterminated sockets - 1 module
Equipped with cord, length 15 cm

Pack	Cat.Nos	
1	0 787 79	○ White
1	0 793 79	● Alu
1	0 795 79L	● Matt Black

4 screw-type female 3.5 mm Jack socket - 1 module

Pack	Cat.Nos	
1	0 787 64	○ White
1	0 795 64L	● Matt Black

Solder-type female 3.5 mm Jack socket - 1 module

Pack	Cat.Nos	
1	0 787 73	○ White

Female 2 RCA sockets

Provide the stereo audio link for any peripheral device such as a DVD drive, camera, video recorder
1 module

Preterminated
Equipped with a 15 cm cord

Pack	Cat.Nos	
1	0 787 47	○ White

Connection via screw terminals

Pack	Cat.Nos	
1	0 787 53	○ White

Female 3 RCA sockets

Provide the composite video and stereo audio links for any peripheral device such as a DVD drive, camera, video recorder, videoconferencing, etc
Connection via screw terminals
1 module

Pack	Cat.Nos	
1	0 787 54	○ White
1	0 792 54	● Alu

3-pole XLR sockets

Provide the stereo link for microphone, amplifier, mixing console, etc.
Recommended cable: 1 audio pair 0.14 mm² to 0.5 mm² shielded
Max. cable length: 50 m (without amplifier)
2 modules

Pack	Cat.Nos	
1	0 787 55	○ White - fast screw connection female
1	0 792 55	● Alu - fast screw connection female
1	0 795 55L	● Matt Black - fast screw connection female
1	0 787 56	○ White - fast screw connection male

4-pole Speakon

Used to connect power enclosures
Recommended cable: 2 audio pairs 4 mm²
Max. cable length: 50 m (without amplifier)
2 modules

Pack	Cat.Nos	
1	0 787 60	○ White - fast screw connection female

Loudspeaker sockets

Terminal 4 mm²

Pack	Cat.Nos	
10	0 787 51	○ White - 2 modules
10	0 795 51L	● Matt Black - 2 modules
10	0 787 50	○ White - 1 module
10	0 792 50	● Alu - 1 module
10	0 795 50L	● Matt Black - 1 module

Attenuator

100 V - 25 W
Allows to adjust power to 25 W from a balanced 100 V loudspeaker line
2 modules

Pack	Cat.Nos	
1	0 787 76	○ White

Female BNC 75 socket

Provides the composite video link for any peripheral device such as a DVD drive, camera, video recorder, etc
1 module

Pack	Cat.Nos	
1	0 787 58	○ White

Mosaic™ mechanisms

USB data sockets, USB extender and SUB D socket

0 787 46

0 787 48

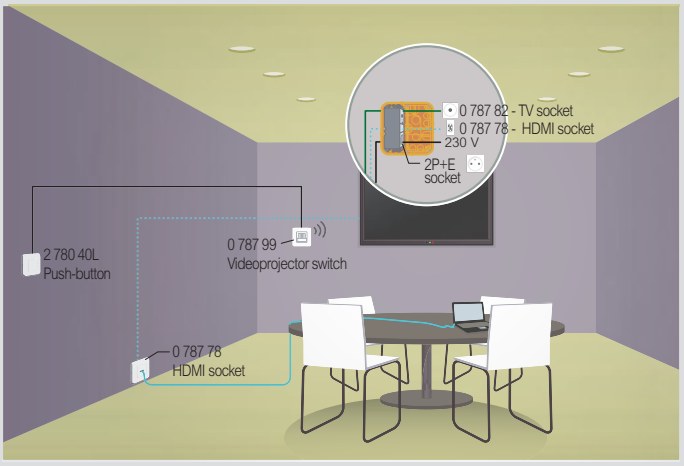
Selection chart for boxes, supports and plates **p. 1198-1199**

Pack	Cat.Nos	
		USB data sockets - for data transfer
1	0 787 46	For connecting USB devices (scanner-printer, external hard disk) Max. cable length: 5 m. Recommended cable: USB A 1 module **Preterminated - USB 2.0** Max. cable length: 5 m Equipped with a 15 cm cord ○ White
1	0 787 61	**Connection via screw terminals - USB 2.0** Max. cable length: 5 m USB 2.0. Cross-section: 1 mm² ○ White
		USB extender - for data transfer
1	0 787 48	For connecting USB devices (digital school board / interactive whiteboard…) located more than 5 m away (30 m max.) from a source (computer…) The kit includes a transmitter (1 module) and a receiver (1 module). The link between the transmitter and the receiver is made via a RJ 45 / RJ 45 cord ○ White
		SUB D socket - 2 modules
1	0 787 65	9 contacts - Screw terminals connection to link type RS 232 series

Mosaic™ mechanisms

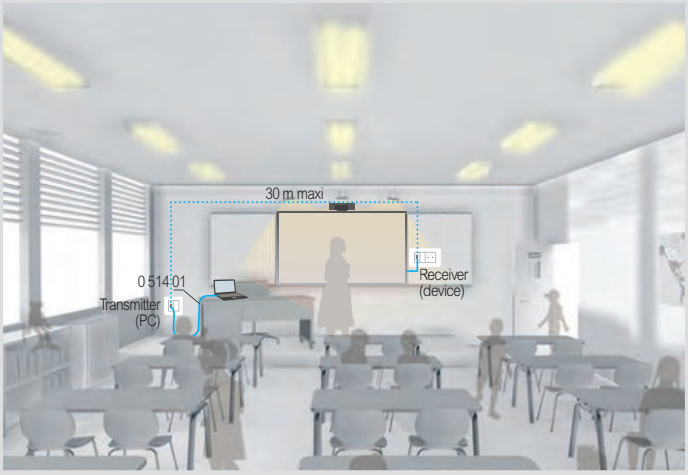
audio and video sockets and USB extender

Installation principle for preterminated HDMI type A socket Cat.No 0 787 78 (p. 1193)



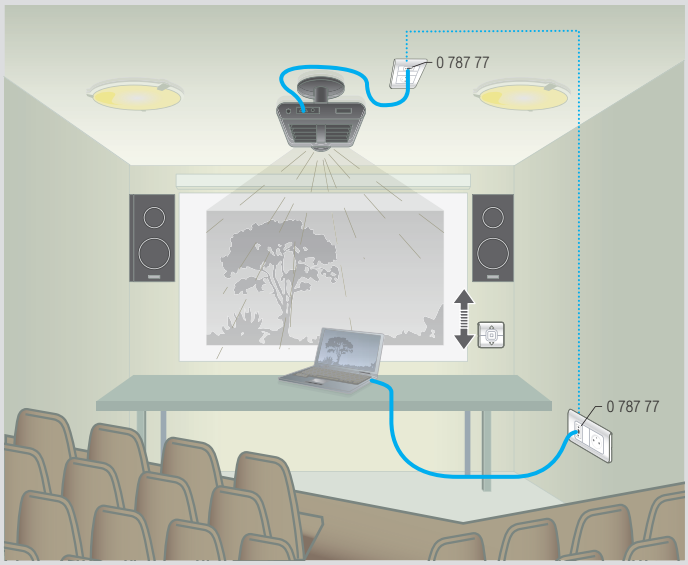
HDMI cable

Installation principle for USB extender - for data transfer Cat.No 0 787 48



USB Type-A male / USBType-A male cable
RJ 45/RJ 45 U/UTP or F/UTP Cat. 5e ou 6 cord

Installation principle for preterminated HD15 socket Cat.No 0 787 77 (p. 1193)



Cordon HD15

Mosaic™ mechanisms

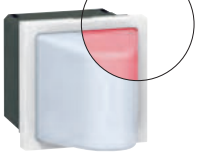
illuminated signage functions, bulkhead lights, indicator lights and downlighter

0 785 20

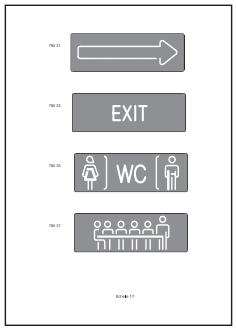
0 785 22

0 785 11

0 785 10


0 785 60

0 785 01



Preprinted labels available in e-catalogue

Selection chart for boxes, supports and plates **p. 1198-1199**

All the illuminated functions are equipped with very low consumption LEDs with an estimated service life of 100,000 hours

Illuminated signs 230 V~

Pack	Cat.Nos	
		Mechanisms integrating LEDs and a pivoting window that can take preprinted labels (available in the e-catalogue) Customised labels can be printed using a simple text editor Supplied with transparent paper to personalize labels
5	0 785 20	Signs with white LEDs - 2 modules A choice of 2 power levels (0.2 W or 1 W)
5	0 785 21	Signs with blue LEDs - 2 modules A choice of 2 power levels (0.2 W or 1 W)
5	0 785 24	Signs with 2-state LEDs with choice of green or red configurable on the mechanism (1 W) - 2 modules
1	0 785 22	Signs with white LEDs (1 W) 5 modules
1	0 785 23	Signs with blue LEDs (1 W) 5 modules

Self-contained pilot light

Pack	Cat.Nos	
1	0 785 12	During a power failure, automatically gives light using a high power white LED (stand-alone operation: 1 hour) Circular lighting by blue LED in standby mode - 2 modules Supplements the regulatory safety lighting system to meet high requirements (for child care centres, health, accessibility, retirement homes, etc.) Option of switching off by remote control

Skirting light with motion sensor

Pack	Cat.Nos	
1	0 785 11	Mechanism equipped with an infrared detection cell and a LED beam To be installed close to the floor (next to a socket for example) When someone passes, the mechanism detects movement and switches the light on Ideal to illuminate a corridor at night without dazzling people, or to highlight possible danger Equipped with an audible signal that can be deactivated

Bulkhead pilot light

Pack	Cat.Nos	
1	0 785 10	To be installed in skirting trunking or bedhead strip 230 V - 2 modules White antimicrobial(1)

Bulkheads

2 modules

12-24 V~ / ⎓ - 0.6 W

Pack	Cat.Nos	
10	0 785 60	Red
10	0 785 61	White
10	0 785 62	Green
10	0 785 63	Blue

230 V~ (0.2 or 1 W)

Pack	Cat.Nos	
10	0 785 70	Red
10	0 785 71	White
10	0 785 72	Green
10	0 785 73	Blue

Indicator lights

1 module

For indicator or illuminated functions. Supplied with 4 coloured labels (red, orange, green and blue)

Pack	Cat.Nos	
10	0 785 01	Single indicator 230 V (1 W) - Antimicrobial(1)
10	0 785 02	Double indicator 230 V (1 W) Antimicrobial(1)
10	0 785 51	Single indicator 12-24 V (0.2 W) Antimicrobial(1)
10	0 785 52	Double indicator 12-24 V (0.2 W) Antimicrobial(1)

1: Contains a silver compound to prevent the growth of bacteria on the surface of the plate

Mosaic™ ready-to-install kit

0 777 77L

Selection chart for boxes, supports and plates **p. 1198-1199**

Pack	Cat.Nos	**Ready-to-install: create a two-way switch with micromodule**
1	0 777 77L	Used to control any type of lighting (LEDs, fluorescent, halogen, incandescent) from two control points without having to pull any wires Composition: - 1 ON/OFF lighting micromodule 230 V~ (300 W) - 2 wireless light switches (CR2032 3 V battery supplied). Supplied with removable stickers for fixing the control units on any substrate. LED function for low battery indication Possibility to add one or several wireless switches Cat.No 0 777 23L

MOSAIC™ WITH NETATMO

Take control, locally or remotely

Be in control of your professional space: lighting, roller shutters and electrical appliances are controlled remotely from a smartphone and locally by voice or from a device!

One offer, many advantages

For example, the Home/Away wireless master switch can be used to switch off all the lights in a single move and customise scenarios.

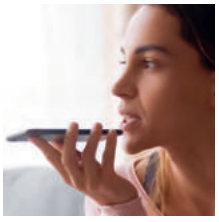
Swipe, talk or touch!

All functions can be controlled:

- via a smartphone (with the Home + Control App),
- by voice using a voice assistant
- manually (by direct action on the controls) !

Swipe

Talk



Touch

Home + Control

Please, consult us for more information

Supports, plates and boxes for Mosaic™

	UNIVERSAL SUPPORTS		OTHER SUPPORTS ITALIAN STANDARD	MOSAIC PLATES (IP 44, see p. 1202)	SURFACE MOUNTING BOXES			DRY PARTITIONS			MASONRY									MULTI-MATERIALS		
								Batibox			Batibox			Universal boxes			Italian type					
				Standard	Depth (mm)		Cat. Nos	Depth (mm)		Cat. Nos	Depth (mm)		Cat. Nos	Depth (mm)		Cat. Nos	Depth (mm)		Cat. Nos	Depth (mm)		Cat. Nos
1 module		0 802 50		0 788 01L ○ 0 793 01L ○ 0 790 41L ●				40		0 800 40	40		0 801 40									
1 module 2 modules		0 802 51 0 802 60L (illuminated) 0 802 62L (indicator) 0 802 61/69 (claw-mounting)		0 788 11L ○ 0 793 11L ○ 2 778 02L ○ 0 793 02L ○ 0 788 99L ● 0 790 42L ●	30 40		0 802 80 0 802 81	40 50 60		0 800 41 0 800 51 0 800 61	40 50		0 801 41 0 801 51	40	(without screws)	0 313 01	50		0 892 39			
											40		without screws 0 801 08									
3 modules		0 802 59 (with claws)	0 802 13	0 788 03L ○ 0 793 03L ○	40		0 802 89	40		0 800 49	40		0 801 49									
4 modules		0 802 52	0 802 14	2 778 14L ○ 0 793 14L ○ 0 790 54L ●	40		0 802 85	40 50		0 800 42 0 800 52	40 50		2 x 0 801 41 2 x 0 801 51				50		0 892 49			
5 modules				0 788 15L ○ 0 793 15L ○																		
2 x 2 modules				2 778 04L ○ 0 793 04L ○ 0 790 44L ●										40		2 x 0 313 01						
5 modules				0 788 25L ○ 0 793 25L ○	40		0 802 82														
2 x 2 modules				2 778 22L ○ 0 793 22L ○ 0 790 62L ●										40		2 x 0 313 01						
6 modules			0 802 16	2 778 16L ○ 0 793 16L ○ 0 790 56L ●													50		0 892 50			
8 modules				0 788 18L ○ 0 793 18L ○ 0 790 58L ●	40		0 802 86	40 50		0 800 43 0 800 53	40 50		3 x 0 801 41 3 x 0 801 51									
3 x 2 modules		0 802 53		2 778 06L ○ 0 793 06L ○ 0 790 46L ●										40		3 x 0 313 01						
3 x 2 modules				0 788 23L ○ 0 793 23L ○	40		0 802 83							40		3 x 0 313 01						
10 modules		0 802 54		0 788 10L ○ 0 793 10L ○	40		0 802 84	40 50		0 800 44 0 800 54	40 50		4 x 0 801 41 4 x 0 801 51	40		4 x 0 313 01						
4 x 2 modules				0 788 08L ○ 0 793 08L ○																		
2 x 5 modules		0 802 64		0 788 30L ○ 0 793 30L ○	50		0 802 74													50		0 801 24
2 x 2 x 2 modules				0 788 38L ○ 0 793 38L ○																		
2 x 6 modules		0 802 66		0 788 36L ○ 0 793 36L ○ 0 790 76L ●	50		0 802 76													50		0 801 26
2 x 8 modules				0 788 37L ○ 0 793 37L ○ 0 790 77L ●																		
3 x 2 x 2 modules				0 788 32L ○ 0 793 32L ○																		
2 x 10 modules		0 802 68		0 788 28L ○ 0 793 28L ○	46		0 802 78													50		0 801 28

Red catalogue numbers: New products

MOSAIC™

Ensuring adaptability!

Get power & data delivered just where users need it through innovative functions and ergonomic designs.

Flexible and evolving installations

False floor, false ceiling, trunkings... Mosaic™ offers numerous different installation modes, adapted for high currents and data networks

Floor boxes

See p. 1134 to 1147

Round version floor boxes

See p. 1148

Ergonomic and aesthetic solutions

Elaborated for a perfect integration in your office environment

Incara™ Pop-up

See p. 1103 and 1119

Incara™ | Multilink for meeting rooms

See p. 1106 to 1107

Mosaic™ workstation kits

flush-mounting or surface-mounting

0 788 73L

0 788 87L

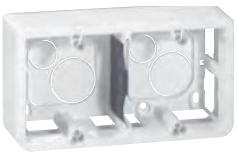
Ready-to-use kits to be equipped with low current and high current Mosaic™ sockets
Halogen free

Pack	Cat.Nos	Flush-mounting workstation kits
		To be installed with flush-mounting conduits Equipped with: - multi-materials flush-mounting box, depth 50 mm, with adjustable cable entries Ø 20 and 25 mm - 4-module independent supports for tool-less installation of Mosaic mechanisms (2 optional screws supplied) - removable spacer for integration of 1-module mechanisms - white plate - separation partition for high currents and low currents
		For 2 x 4 modules
1	0 788 72L	White
1	0 790 72L	Alu
		For 3 x 4 modules
1	0 788 73L	White
1	0 790 73L	Alu
		For 4 x 4 modules
1	0 788 74L	White
1	0 790 74L	Alu
		Surface-mounting workstation kits
		To be installed with flush or surface-mounting conduits (mini-trunking or trunking) Equipped with: - surface-mounting frames with removable entries (top/bottom and sides), pre-cut for 40 x 20 mini-trunking - 4-module individual supports for tool-less installation of Mosaic mechanisms (2 optional screws supplied) - removable spacer for integration of 1-gang mechanisms - white plate - separation partition for high currents and low currents
		For 2 x 4 modules
1	0 788 86L	White
		For 3 x 4 modules
1	0 788 87L	White
		For 4 x 4 modules
1	0 788 88L	White
		Accessories for installation of modular devices
5	0 801 29	Din-rail type for 2-module modular device 17.5 mm
1	0 788 40	Cover plate for 2-module modular device 17.5 mm With removable transparent protection cap, 4 modules

Red catalogue numbers: New products

Mosaic™ surface-mounting boxes and adaptors

0 802 80


0 802 85

6 806 33

0 791 54

Selection chart for boxes, supports and plates **p. 1198-1199**

Surface-mounting boxes

Pack	Cat.Nos	
		For 2 modules (support Cat.No 0 802 51) Equipped with a 20 x 12.5 mm removable entry
5	0 802 80	Depth 30 mm
5	0 802 81	Depth 40 mm
		For 3 modules (support Cat.No 0 802 59)
2	0 802 89	Equipped with a 20 x 12.5 mm removable entry Depth 40 mm
		For 4, 5 or 2 x 2 horizontal modules (support Cat.No 0 802 52)
5	0 802 85	Equipped with a 32 x 12.5 mm removable entry Depth 40 mm
		For 6, 8 or 3 x 2 horizontal modules (support Cat.No 0 802 53)
5	0 802 86	Equipped with a 32 x 12.5 mm removable entry Depth 40 mm
		For 10 or 4 x 2 horizontal modules (support Cat.No 0 802 54)
2	0 802 84	Equipped with a 40 x 20 mm removable entry Depth 40 mm
		For 5 or 2 x 2 vertical modules (support Cat.No 0 802 52)
5	0 802 82	Equipped with a 20 x 12.5 mm removable entry Depth 40 mm
		For 3 x 2 vertical modules (support Cat.No 0 802 53)
5	0 802 83	Equipped with a 20 x 12.5 mm removable entry Depth 40 mm
		For 2 x 5 or 2 x 2 x 2 modules (support Cat.No 0 802 64)
1	0 802 74	Equipped with two 40 x 20 mm removable entries Depth 46 mm
		For 2 x 6, 2 x 8 or 2 x 3 x 2 modules (support Cat.No 0 802 66)
1	0 802 76	Equipped with three 40 x 20 mm removable entries Depth 46 mm
		For 2 x 10 modules (support Cat.No 0 802 68)
1	0 802 78	Equipped with four 40 x 20 mm removable entries Depth 46 mm

Plexo 55 modular support frames IP 55 - IK 07

Pack	Cat.Nos	
		For 2-module Mosaic mechanisms Can be equipped with any Mosaic function in order to obtain an IP 55 wiring accessory
10	0 695 80L	Adaptor with smoked polycarbonate flap
1	0 695 79L	Adaptor with smoked polycarbonate flap lockable with special tool below (not supplied)
1	0 919 45	Security tool For changing vandal-proof screws
		For 3-module Mosaic mechanisms Weatherproof IP 55 plate frames with membrane Allow operations of switches without opening cover maintaining IP 55 rating
1	6 806 32	White
1	6 806 33	Grey

Adaptors for mounting on Mosaic 50 mm supports

Pack	Cat.Nos	
		For replacing Mosaic mechanisms (50 x 50 mm) without having to change the plate or the support frame
10	0 791 54	Adaptor for 1-module mechanism (width 22.5 x 45 mm)
10	0 791 53	Adaptor for 2-module mechanisms (width 45 x 45 mm)

Mosaic™ plates, **p. 1202**

Red catalogue numbers: New products

Mosaic™ plates

0 790 41L

2 778 02L

0 793 02L

0 787 22L

0 790 42L

Allows Easy-Led indicator lights' light to pass through

0 790 44L

Selection chart for boxes, supports and plates **p. 1198-1199**

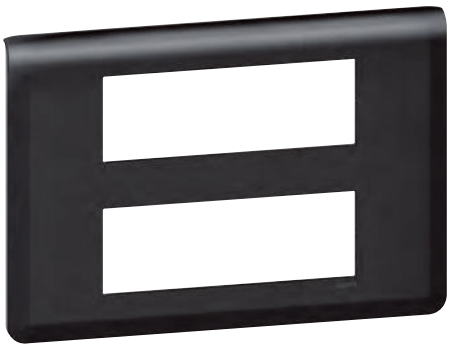
Pack	Cat.Nos	Plates
		For 1 module
10	0 788 01L	○ White - Clips onto support Cat.No 0 802 50
5	0 793 01L	● Alu - Clips onto support Cat.No 0 802 50
5	0 790 41L	● Matt Black - Clips onto support Cat.No 0 802 50
10	0 788 11L	○ White - 80 x 80 mm. Clips onto supports Cat.Nos 0 802 51/60/61/62/69
5	0 793 11L	● Alu - 80 x 80 mm. Clips onto supports Cat.Nos 0 802 51/60/61/62/69
		For 2 modules
		Clips onto supports Cat.Nos 0 802 51/61/69 Compatible with Easy-Led indicator lights Cat.Nos 0 802 60L and 0 802 62L
10	2 778 02L	○ White
10	0 793 02L	● Alu
10	0 787 22L	○ White antimicrobial(1)
10	0 790 42L	● Matt Black
5	0 788 80	○ White antimicrobial(1). IP44 weatherproof Equipped with a membrane which can receive Mosaic™ Programme control and connection functions (cannot be mounted on surface-mounting boxes)
		For 3 modules
		Clips onto support Cat.No 0 802 59
10	0 788 03L	○ White
5	0 793 03L	● Alu
		For 4 horizontal modules
		Clips onto supports Cat.Nos 0 802 52/58
10	2 778 14L	○ White
5	0 793 14L	● Alu
10	0 787 24L	○ White antimicrobial(1)
5	0 790 54L	● Matt Black
		For 5 horizontal modules
		Clips onto supports Cat.Nos 0 802 52/58
10	0 788 15L	○ White
5	0 793 15L	● Alu
		For 5 vertical modules
		Clips onto supports Cat.Nos 0 802 52/57
10	0 788 25L	○ White
5	0 793 25L	● Alu
		For 2 x 2 horizontal modules
		Clips onto supports Cat.Nos 0 802 52/57 or 2 x 802 51
10	2 778 04L	○ White
5	0 793 04L	● Alu
10	0 787 25L	○ White antimicrobial(1)
5	0 790 44L	● Matt Black

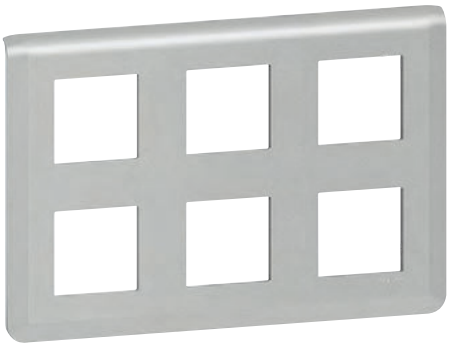
Pack	Cat.Nos	Plates (continued)
		For 2 x 2 vertical modules
		Clips onto supports Cat.Nos 0 802 52/57 or 2 x 0 802 51, compatible with Easy-Led indicator lights
10	2 778 22L	○ White
5	0 793 22L	● Alu
10	0 787 23L	○ White antimicrobial(1)
5	0 790 62L	● Matt Black
		For 6 horizontal modules
		Clips onto supports Cat.No 0 802 53
10	2 778 16L	○ White
5	0 793 16L	● Alu
5	0 790 56L	● Matt Black
10	0 787 26L	○ White antimicrobial(1)
		For 8 horizontal modules
		Clips onto support Cat.Nos 0 802 53 or 3 x 0 802 51
10	0 788 18L	○ White
5	0 793 18L	● Alu
5	0 790 58L	● Matt Black
		For 3 x 2 horizontal modules
		Clips onto support Cat.Nos 0 802 53 or 3 x 0 802 51
10	2 778 06L	○ White
5	0 793 06L	● Alu
5	0 790 46L	● Matt Black
		For 3 x 2 vertical modules
		Clips onto support Cat.Nos 0 802 53 or 3 x 0 802 51, compatible with Easy-Led indicator lights
10	0 788 23L	○ White
5	0 793 23L	● Alu
		For 10 vertical modules
		Clips onto supports Cat.No 0 802 54
2	0 788 10L	○ White
2	0 793 10L	● Alu

1: Contains a silver compound to prevent the growth of bacteria on the surface of the plate

Red catalogue numbers: New products

Mosaic™ plates (continued)


0 790 76L


0 793 32L

0 788 54L

Selection chart for boxes, supports and plates **p. 1198-1199**

Pack	Cat.Nos	Plates (continued)
		For 4 x 2 horizontal modules Clips onto supports Cat.Nos 0 802 54 or 4 x 0 802 51
2	0 788 08L	○ White
2	0 793 08L	● Alu
		For 2 x 5 modules Clips onto support Cat.No 0 802 64
5	0 788 30L	○ White
1	0 793 30L	● Alu
		For 2 x 2 x 2 modules Clips onto support Cat.No 0 802 64
5	0 788 38L	○ White
1	0 793 38L	● Alu
		For 2 x 6 modules Clips onto support Cat.No 0 802 66
5	0 788 36L	○ White
1	0 793 36L	● Alu
1	0 790 76L	● Matt Black
		For 2 x 8 modules Clips onto support Cat.No 0 802 64
5	0 788 37L	○ White
1	0 793 37L	● Alu
1	0 790 77L	● Matt Black

Pack	Cat.Nos	Plates (continued)
		For 2 x 3 x 2 modules Clips onto supports Cat.Nos 0 802 66 or 6 x 0 802 51, compatible with Easy-Led indicator lights
5	0 788 32L	○ White
1	0 793 32L	● Alu
		For 2 x 10 modules Clips onto support Cat.No 0 802 66
1	0 788 28L	○ White
1	0 793 28L	● Alu
		Special plates for installations with special flush-mounting boxes For installing Mosaic functions in old flush-mounting boxes with 57 mm spacing
		For 2 x 2 horizontal modules
10	0 788 64L	○ White
		For 3 x 2 horizontal modules
10	0 788 66L	○ White
		For 2 x 2 vertical modules
10	0 788 54L	○ White
		For 3 x 2 vertical modules
10	0 788 56L	○ White
		Label holders Holders for self-adhesive labels for Mosaic plates or any other Mosaic installation support
10	0 791 51	Curved transparent label holder
10	0 791 52	Flat transparent label holder

Workstation kits, **p. 1200**

Red catalogue numbers: New products

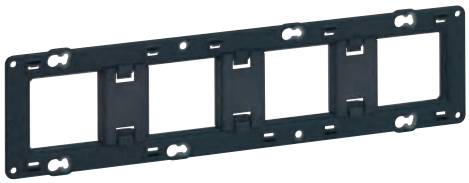
Mosaic™ supports

0 802 50

0 802 51

0 802 59

0 802 52


0 802 54

0 802 64

Supports supplied with site protection

Selection chart for boxes, supports and plates **p. 1198-1199**

Supports with site protection

Pack	Cat.Nos	
10	0 802 50	For 1 module
10	0 802 51	For 2 modules
10	0 802 61	For 2 modules with clips or claws (length 27 mm)
10	0 802 69	For 2 modules with long clips (length 37 mm)
5	0 802 59	For 3 modules
10	0 802 52	For 4, 5 or 2 x 2 modules, horizontal or vertical
5	0 802 53	For 6, 8 or 3 x 2 modules horizontal or vertical
5	0 802 54	For 10 or 4 x 2 modules
5	0 802 64	For 2 x 4 or 2 x 2 x 2 modules Without site protection
5	0 802 66	For 2 x 6, 2 x 8 or 2 x 3 x 2 modules Without site protection
5	0 802 68	For 2 x 10 modules Without site protection

Blanking plates for Batibox supports

Pack	Cat.Nos	
10	0 791 04	For supports Cat.Nos 0 802 52/58/64 4 modules
10	0 791 06	For supports Cat.Nos 0 802 53/66 6 modules
10	0 791 10	For supports Cat.Nos 0 802 54 10 modules

Other supports for Italian type boxes supplied with screws

Pack	Cat.Nos	
10	0 802 13	3 modules
5	0 802 14	4 modules
5	0 802 16	6 modules

Thin wall supports

Narrow 1 module
For mounting on box Cat.No 0 800 10

Pack	Cat.Nos	
10	0 802 90	○ White
10	0 802 94	● Alu

Narrow 2 modules
For mounting on 1 box Cat.No 0 800 11

Pack	Cat.Nos	
10	0 802 91	○ White
10	0 802 95	● Alu

Narrow 2 x 1 module, vertical

Pack	Cat.Nos	
10	0 802 92	○ White For mounting on 2 boxes Cat.No 0 800 10

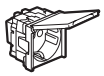
Mosaic™

with antimicrobial(1) treatment mechanism and plate selection chart

Control units

	Cat.Nos	
		Pull-cord mechanisms 2 A - 230 V
	0 766 77	Switch with ejectable pull cord - 1 module. White
	0 783 76	Push-button with ejectable pull cord - 1 module White
		Easy-Led two-way switches 10 AX - 250 V~
	0 787 10L	Two-way switch - 1 module White
	0 787 11L	Two-way switch - 2 modules White
		Easy-Led push-buttons 6 A - 250 V~
	0 787 14L	Push-button - 1 module White
	0 787 15L	Push-button - 2 modules White
	0 770 43L	Two-way pushbutton with label-holder - 2 modules White
		Ventilation control
	0 770 27L	Ventilation control - 2 modules White
		Touchless switches for lights
	0 766 66L	2 modules - White
	0 766 67L	2 modules - Matt Black
	0 766 95L	2 modules - White (plate supplied)
		Touchless switches for doors
	0 766 80L	2 modules - White
	0 766 81L	2 modules - Matt Black
	0 766 96L	2 modules - White (plate supplied)
		Touch control units
	0 787 09	Switch with neutral - 2 modules White
		Roller shutter switch
	0 787 05	Roller shutter switch - 2 modules White

Mains voltage sockets

		2P+E German standard sockets
	0 772 16	2P+E socket - 2 modules - Green
	0 772 17	2P+E socket - 2 modules - Orange
	0 772 20	2P+E socket - 2 modules - Red - Screw terminals
	0 787 02	2P+E socket - 2 modules - White - Screw terminals
	0 772 12	2P+E socket - 2 modules - White
		Equipotential sockets
	0 787 00	Equipotential socket - 1 module White
	0 787 60L	Equipotential socket - 2 modules White
	0 772 19	2P+E socket with shutter - 2 modules - White
		2P ELV sockets
	0 771 50	2P ELV socket - 1 module - White
		Anti-extraction module
	0 770 80	Anti-extraction module - 1 module - White

1: Contains a silver compound to prevent the growth of bacteria on the surface of the plate

ELV sockets

	Cat.Nos	
		Magnetic connection sockets
	0 782 41	For nurse call unit (call only) - 2 modules White
	0 782 45	For nurse call unit (call, lighting, shutters) - 2 modules White
		RJ 45 sockets
	0 765 84	Cat. 6A shielded STP - 1 module - White
	0 765 83	Cat. 6 shielded STP - 1 module - White
	0 765 82	Cat. 6 shielded FTP - 1 module - White
	0 765 81	Cat. 6 shielded UTP - 1 module - White

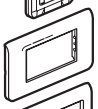
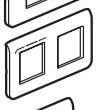
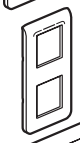
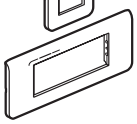
Indication

		Single indicators
	0 785 01	230 V (1 W) - 1 module
	0 785 51	12-24 V (0.2 W) - 1 module
		Double indicators
	0 785 02	230 V (1 W) - 1 module
	0 785 52	12-24 V (0.2 W) - 1 module
		Illuminated signalling
	0 785 10	230 V (0.2 or 1 W) 2 modules

Blanking plates

	0 787 20	Blanking plate - 1 module - White
	0 787 21	Blanking plate - 2 modules - White

Plates

		2 modules
	0 787 22L	2 modules - White
	0 788 80	2 IP 44 modules - White
		4 modules
	0 787 24L	4 modules - horizontal - White
		2 x 2 modules horizontal
	0 787 25L	2 x 2 modules - horizontal - White
		2 x 2 modules vertical
	0 787 23L	2 x 2 modules - vertical - White
		6 modules horizontal
	0 787 26L	6 modules - horizontal - White

Red catalogue numbers: New products

Mosaic™ call units

for day hospitals, dialysis centres...

0 766 55

0 783 62

Selection chart for boxes, supports and plates **p. 1198-1199**

Suitable for hotels, schools, non-medical residential homes
For centralisation of 1 to 6 calls via indicator lights
Call control via pushbutton
2 wires per direction
Registration of calls via numbered indicator lights and brief audible signal
Several calls can be registered simultaneously
Individual cancelling for each direction
Supplied with numbers
Possibility of using a 12 V protected supply for 12 V SELV units

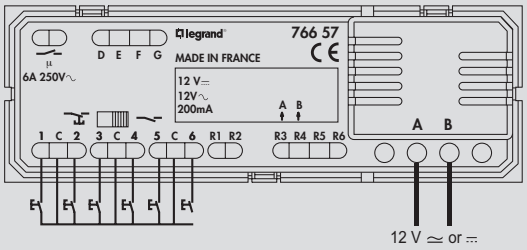
Pack	Cat.Nos	
		Replacement cord
1	9 804 12	With integrated power supply 127/230 V~ - 50/60 Hz
		Call units to be equipped
		6-direction modules Used to create call panels according to requirements 6 modules
1	0 766 55	With integrated power supply 127/230 V~ - 50/60 Hz
1	0 766 57	For external 12 V SELV power supply (not provided)
		6-direction transfer unit
1	0 766 56	6 directions For remote transfer of calls 6 modules
		Component for call unit
10	0 783 62	NO/NC contact - 2 A Equipped with cord, length 2 m With 12 mm fixed-pitch for 2P socket Cat.No 0 771 50
		Socket outlet
10	0 771 50	2P ELV screw terminals Automatic terminals - Antimicrobial(1) 1 module

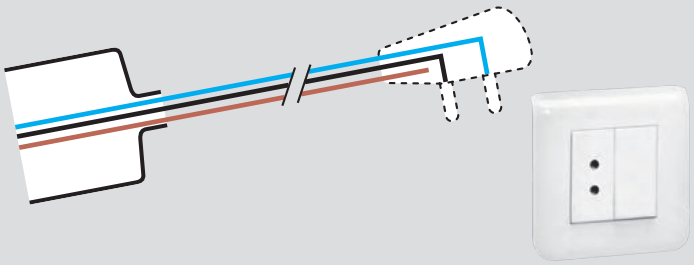
1: Contains a silver compound to prevent the growth of bacteria on the surface of the plate

Mosaic™ nurse call units

Connection of the call panel and the socket for call push-button cord

0 766 57
12 V SELV





Mosaic™ nurse call units

for day hospitals, dialysis centres...

0 782 14 + 0 766 60

0 782 04L

0 782 01

Selection chart for boxes, supports and plates **p. 1198-1199**

Designed for nurse call equipment in day hospitals, dialysis and transfusion centres, scanners, etc.
Functions:
• from the room: calls, emergency calls, nurse present indicator and call cancelling
• from the nurses' station: patient reassurance
Possibility of adding a paging system

Pack	Cat.Nos	Display units and management
1	0 766 60	**6-direction call display unit** Registration of calls via numbered indicator lights and audible signal Several calls can be registered simultaneously Display of reassurance indicator and nurse present Possibility of transferring calls to 4 other display units (e.g.: treatment room, rest area, etc.) Installed: - in surface mounting box Cat.No 0 802 86 - on table control unit Cat.No 0 782 14 6 modules
1	0 782 14	**Table control unit** Takes up to 6 display units Cat.No 0 766 60 Horizontal or vertical mounting Dim.: 310 x 295 x 75 mm 36 modules
1	0 782 89	**24 V - 2 A - 48 W power supply** Powers the system If necessary, a 24 V protected power supply can be used 8 modules
1	0 782 12	**3-direction management module** Manages 3 rooms (or directions) Possibility of forwarding via NO volt-free contact for indicator, audible signal, paging, master indicator 4 modules
		Corridor and room equipment Supplied with metal support for screw mounting and white finishing plate 2 modules Can be flush or surface mounted Fitted with long life LEDs
1	0 766 72L	**Double display corridor overdoor light unit** Double indicator (red/white) Displays calls and nurse present in the corridor
1	0 782 04L	**Door unit** Door unit including 1 red indicator, 1 white indicator and 1 call and nurse presence cancel push-button Antimicrobial(1)

Pack	Cat.Nos	Equipped hand-held remote control units
		IP 67 waterproof. White antimicrobial(1) Red indicator visible at night via 2 illuminated LEDs Magnetic connection between hand-held remote control unit and socket Designed ergonomically for ease of handling. Can be ejected in all directions with pull-out torque designed to avoid any damage to the equipment Fitted with a 2.5 m cord Compatible with Programme Mosaic and other call systems on the market
		For call only
1	0 782 01	Equipped with 1 call button and red indicator for call confirmation For use in conjunction with socket Cat.No 0 782 46
		For call and lighting control
1	0 782 02	Equipped with: - 1 call button and red indicator for call confirmation - 1 button for reading light control - 1 button for room light control For use in conjunction with socket Cat.No 0 782 47
		For calls and controlling lighting and roller shutters
1	0 782 03	Equipped with: - 1 call button and red indicator for call confirmation - 1 button for reading light control - 1 button for room light control, - 2 buttons for controlling roller shutters - 1 free function button (example: switched socket) For use in conjunction with socket Cat.No 0 782 47
		Sockets for hand-held remote control units
1	0 782 41	Non indexed magnetic connection socket for hand-held remote control units Cat.Nos 0 782 01/81
1	0 782 45	Magnetic connection socket for hand-held remote control units Cat.Nos 0 782 02/03/82/84
		Accessory for hand-held remote control units
5	0 782 43	Clamp for holding the hand-held remote control unit within rzeach: on beds, clothes, armchairs, edge of beds, etc.

1: Contains a silver compound to prevent the growth of bacteria on the surface of the plate

Antimicrobial(1) snap-on trunking, **p. 1064-1065**

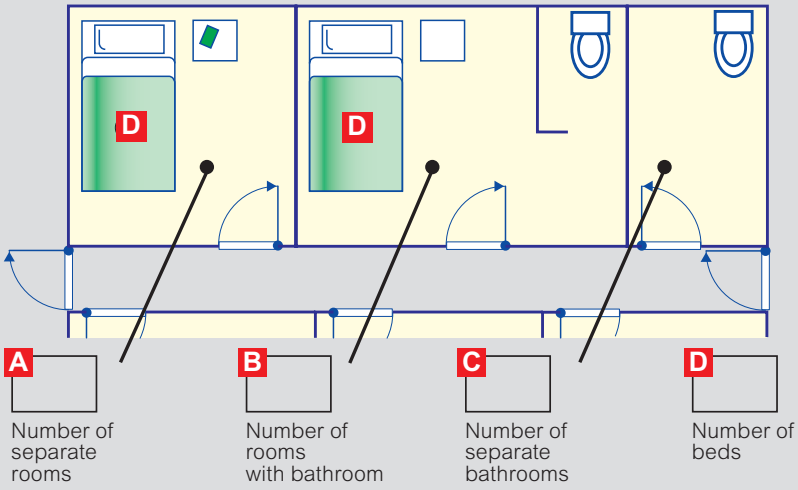
Red catalogue number: new products

Mosaic™ nurse call units

for nursing homes and hospitals

Selection guide: how to draw up your list of equipment

1 Gather the following information



2 Calculate the number of directions

To determine the number of directions, simply add:

A + B + C = E ☐

3 Draw up your list of equipment

• Nurses' station and management equipment

Cat.No 0 766 60 = E /6 i.e. ☐ displays

Cat.No 0 782 12 = E /3 i.e. ☐ modules

Option:
Table control unit Cat.No 0 782 14 = E /36 i.e. ☐ ctrl. units

• Corridor equipment

Cat.No 0 766 72L = E i.e. ☐ light units

• Room/bathroom equipment

Door unit Cat.No 0 782 04L = E i.e. ☐ door units

• Bed equipment

Push button cord Cat.No 0 783 62 = D i.e. ☐ cords

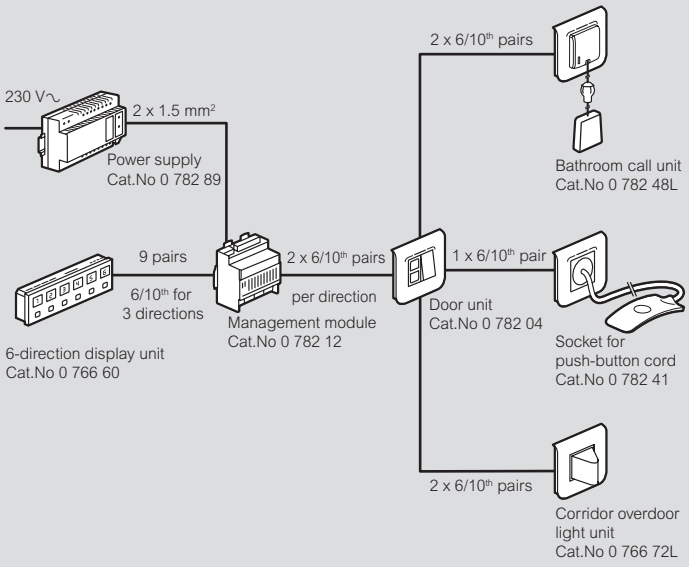
Option:
Shunt plug for biomedical alarm Cat.No 0 782 07 = D i.e. ☐ plugs

• Power supply:

Power supply Cat.No 0 782 89
Number of power supplies to be calculated using the table below

0 782 04L	0 766 72L	H/h rem. ctrl unit	0 766 60
0.7 W	0.9 W	0.8 W	0.4 W per direction used

NB: A maximum of 30% of the directions can normally be used simultaneously. You can therefore apply a coefficient of 0.3 to calculate the power supply



BUS/SCS nurse call units

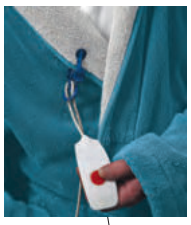
call devices for rooms and bathrooms

Compatible with all Legrand nurse call systems

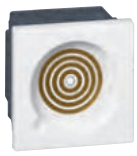
0 782 81

0 782 82

0 782 48L


0 782 43

0 782 84


0 782 41

Parts used for calling a nurse
Information report on door unit and control unit for nurses' station
Compatible with all Legrand nurse call systems

Call units for rooms

Antimicrobial[1]: hand-held remote control unit and cord

White antimicrobial[1]
Magnetic connection between hand-held remote control unit and socket
Can be ejected in all directions with pull-out torque designed to avoid any damage to the equipment

Pack	Cat.Nos	
		Hand-held remote control unit for call only
1	0 782 81	IP 67 waterproof hand-held remote control unit: - designed ergonomically for ease of handling - 1 call button and red indicator for call confirmation - visible at night via 2 illuminated LEDs Fitted with a 2.5 m cord For use in conjunction with socket Cat.No 0 782 41
		Call and lighting control hand-held remote control unit
6	0 782 82	IP 67 waterproof hand-held remote control unit: - designed ergonomically for ease of handling - 1 call button and red indicator for call confirmation - visible at night via 2 illuminated LEDs - 1 button for reading light control - 1 button for room light control Fitted with a 2.5 m cord For use in conjunction with socket Cat.No 0 782 45
		Hand-held control unit for calls and controlling lighting and roller shutters
6	0 782 84	IP 67 waterproof hand-held remote control unit: - designed ergonomically for ease of handling - 1 call button and red indicator for call confirmation - visible at night via 2 illuminated LEDs - 1 button for reading light control - 1 button for room light control - 2 buttons for controlling roller shutters - 1 free function button (example: switched socket) Fitted with a 2.5 m cord For use in conjunction with socket Cat.No 0 782 45
		Sockets for hand-held remote control units
1	0 782 41	Non indexed magnetic connection socket for hand-held remote control units Cat.Nos 0 782 01/81
1	0 782 45	Magnetic connection socket for hand-held remote control units Cat.Nos 0 782 02/03/82/84

Accessory for hand-held remote control units

Pack	Cat.Nos	
5	0 782 43	Clamp for holding the hand-held remote control unit within reach: on beds, clothes, armchairs, edge of beds, etc.

Call units for bathrooms

Mechanisms supplied with support and finishing plate

Pack	Cat.Nos	
		Bathroom call units
1	0 782 48L	With pull-cord push-button and LED indicator Antimicrobial[1]
1	9 804 12	With integrated power supply 127/230 V~ - 50/60 Hz
		Bathroom call push-button
1	0 766 85L	Bathroom call push-button With red indicator for call confirmation IP20 (IP 44 with plate Cat.No 0 788 80, p. 1205) Antimicrobial[1]

Biomedical call units for bedrooms or special rooms

1 module

Pack	Cat.Nos	
		Socket mechanism for biomedical calls Signals the end of a cycle via an alarm on the nurse call unit system For connecting portable electrical medical appliances such as syringe pumps, respirators, etc.
10	0 771 50	12 mm fixing centres ○ White antimicrobial[1]
		Shunt plug
1	0 782 07	Shunt plug for biomedical alarm standby 12 mm fixing centre Used with socket Cat.No 0 771 50

1: Contains a silver compound to prevent the growth of bacteria on the surface of the plate

BUS/SCS nurse call unit

signalling and acknowledgement units for rooms

Antimicrobial[1]

0 766 06

0 766 07

0 766 08

0 782 00L

Selection chart for boxes, supports and plates **p. 1198-1199**

BUS/SCS system with star wiring around the door unit:
- call centralisation
- acknowledgement
- communication with nursing control unit and all elements of the system via BUS/SCS
- signalling forwarded to all indicators (e.g.: corridor overhead light unit, door unit, hand-held remote control unit)

Pack	Cat.Nos	Antimicrobial[1] door units for rooms
		For installation at the entrance to the room, can be seen from the bed Connect directly to the BUS/SCS cable Cat.Nos 0 492 32/33 With indicator and pushbutton for calls, nurse presence and 2nd nurse presence Comply with standards VDE 0834-1 and 0834-2 Fault display 4-module wiring mechanisms supplied complete Flush mounting in 50 mm deep box or surface mounting with frame Cat.No 0 766 14 (p. 1211) Can be acknowledged by a pushbutton with indicator Cat.No. 0 782 04
		Door unit with indicators
1	0 766 06	Door unit with illuminated call indicators Nurse presence and acknowledgement via pushbutton. Audible and illuminated signal of a call coming from another room. Suitable for shared bathrooms and for secure wandering
		Door unit with display
1	0 766 07	Door unit with alphanumerical display. Nurse presence and acknowledgement via pushbutton. Call display from another room. Used in conjunction with the interphone unit Cat.No 0 766 09 for communicating with rooms issuing calls and with a nurse present. User is able to acknowledge at the end of the communication
		Bed extension
1	0 782 19	To be associated with Cat.No 0 766 06 or 0 766 07 Allows the connection of 4 components to 1 call unit DIN, 6 modules. Programmation via virtual configuration
		Antimicrobial[1] interphone unit for room and nurses' station
		Interphone door unit
1	0 766 08	For installation: - at the entrance to the room connected to the door unit with display Cat.No 0 766 07 - in the nurses' room linked to the control unit Cat.No 0 766 11 (p. 1211) Allows the user to: - communicate from one room to another room issuing a call or with a nurse present - broadcast a general call Must be connected to a microphone Cat.No 0 782 00 for communication between the patient and the nursing staff 4-module wiring mechanism supplied complete Flush mounting for Mosaic in 50 mm deep box or surface mounting with frame Cat.No 0 766 14 (p. 1211)
		Room microphone
1	0 782 00L	Remote microphone for connection to the interphone unit Cat.No 0 766 08 For installation next to the bed. For communication between the patient and the nursing staff. 2-module mechanism. Supplied pre-assembled with white inishing plate and support frame

BUS/SCS nurse call unit

corridor signalling units

0 766 70

0 766 04

0 766 71L

Selection chart for boxes, supports and plates **p. 1198-1199**

Ensures that information is transferred into the corridor

Pack	Cat.Nos	Corridor signalling devices
		For installation in the corridor above the doors Supplied with support and white finishing plate Flush-mounting or surface-mounting.
		Call only overdoor light unit for corridors
1	0 766 71L	LED triangular overdoor light unit for call signalling 1 red indicator 2 modules
		Call and nurse presence overdoor light units for corridors
1	0 766 70	LED triangular overdoor light units for call signalling, bathroom calls and nurse presence Monobloc indicator in red, white, green 2 modules Recommended for compliance with standards VDE 0834-1 and 0834-2
		Corridor display unit For installation in the corridor 10-character alphanumeric display
1	0 766 04	Indication of calls and nurse presence by level of priority For fixing in false ceiling or on the wall Supplied with connection interface to the BUS/SCS
1	0 766 05	Double sided display unit
		Fixing accessory for corridor display unit
1	0 766 03	For fixing a corridor display unit projecting
		Transfer of information
1	0 766 78	Interface to transfer information to an indicator (Cat.No 0 766 71L) or to an electronic bell (Cat.No 0 766 42)
1	0 766 42	Electronic bell

1: Contains a silver compound to prevent the growth of bacteria on the surface of the plate

Red catalogue numbers: New products

BUS/SCS nurse call unit

signalling units for nurses' station

Antimicrobial[1]

0 766 11

Wall fixing...

...or on inclined plane 0 766 12

0 766 18 Traceability software

Pack	Cat.Nos	Antimicrobial[1] control units
		Call and presence display for all bedrooms and rooms in order of priority (max. 150) 4-module wiring mechanism supplied with support Installation in 50 mm deep flush-mounting box or on inclined plane Cat.No 0 766 12/13 with alphanumeric display and adjustable audible signal Scrolled display of the calls and nurse visits in progress Fitted with a malfunction indicator Used in conjunction with the interphone unit Cat.No 0 766 08 allows: - communication with the bedrooms issuing calls and with a nurse present - call acknowledgement at communication end - calls to be made to all rooms with a nurse present Connects directly to the BUS/SCS cable Cat. Nos 0 492 32/33
		Main control unit
1	0 766 11	For installation in the nurses' station
		Secondary control unit
1	0 766 09	Can be used in addition to the main control unit in another room (break room, dining room, etc.) or in a corridor
		BUS/SCS cables
		Non halogen cables
1	0 492 72	Length 200 m (reel)
1	0 492 75	Length 500 m (reel)
		Fixing accessories
		For control units
1	0 766 12	Inclined plane for fixing control unit only onto table
1	0 766 13	Inclined plane for fixing control unit + interphone unit onto table
		For control units, door units and interphone units
1	0 766 14	Surface mounting frame for refurbishment
		Call transfer interface to DECT
1	0 766 19	Interface for forwarding information as ESPA 444 protocol to the DECT system (text messages only) 2 x 17.5 mm DIN modules

Pack	Cat.Nos	Traceability on PC
		Traceability software
1	0 766 18	Memorises and categorises events by information type (calls, nurse presence, acknowledgement, etc.) Time stamping of events Export of the elements as .csv files which can be used on a PC Works with traceability interface Cat.No 0 766 17 to be ordered separately
		Traceability interface
1	0 766 17	Works with call traceability software Cat.No 0 766 18 2 x 17.5 mm DIN modules

1: Contains a silver compound to prevent the growth of bacteria on the surface of the plate

Red catalogue numbers: New products

BUS/SCS nurse call unit

system products

BT-346050

0 766 10

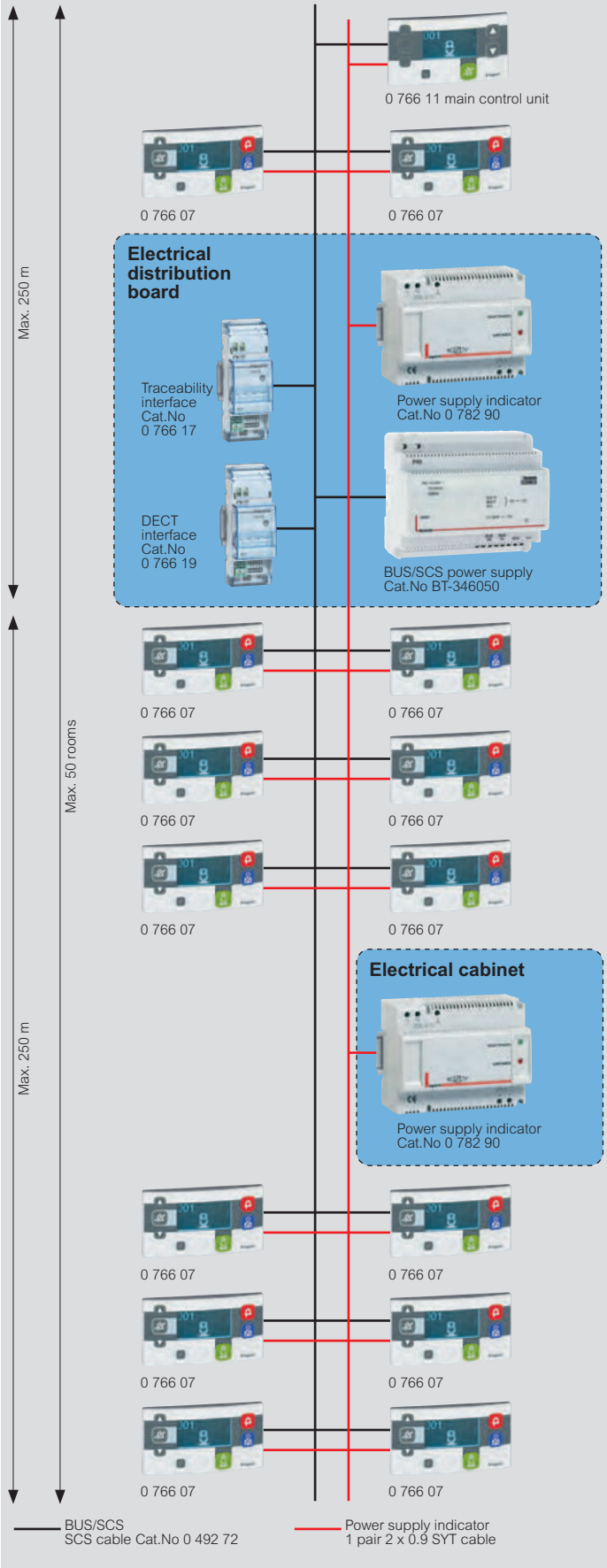
0 261 45

Pack	Cat.Nos	
		SELV power supplies
		For BUS/SCS
		230 V~ - 27 V⎓ - 1.2 A
1	BT-E56	6 DIN modules (17.5 mm)
1	BT-346050	8 DIN modules (17.5 mm)
		For indicators
1	0 782 90	For overdoor light units with bulb or LED 230 V/24 V - 2.5 A power supply For mounting in modular cabinets 6 modules
		BUS/SCS extension
1	0 766 10	For communicating information between 2 BUS/SCS nurse call systems Used where departments are grouped together or for departments with more than 80 rooms (e.g.: nursing homes, residential homes for the elderly, etc.)
		Physical configuration of the installation
		Suitable for establishments with fewer than 80 rooms
		Configuration using a configurator
		Used to associate an address with the different system components Kit with configurators
1	0 261 45	0 to 9 (10 configurators for each digit)
		Virtual configuration of the installation
		Recommended for installations above 80 rooms
		Configuration via PC
1	0 766 15	Virtual configuration software For installations of 0 to 150 departments For use with interface Cat.No 0 766 16 (to be ordered separately) for connecting a PC
		Configuration kit
1	0 766 16	Interface for connecting a PC and the installation Works with software Cat.No 0 766 15
		Configurators
		Pack of 10 configurators
1	BT-3501/0	N°0
1	BT-3501/1	N°1
1	BT-3501/2	N°2
1	BT-3501/3	N°3
1	BT-3501/4	N°4
1	BT-3501/5	N°5
1	BT-3501/6	N°6
1	BT-3501/7	N°7
1	BT-3501/8	N°8
1	BT-3501/9	N°9

BUS/SCS nurse call unit

system products

Example diagram of the BUS/SCS nurse call device for a 50 room ward



Red catalogue numbers: New products

Lighting to assist with independent living

stand-alone solutions

0 784 54A

0 785 10

0 785 22
Personalised label

0 488 06

Selection chart for boxes, supports and plates **p. 1198-1199**

Stand-alone automatic lighting devices which allow the patient to get their bearings and make their way to the bathrooms

Pack	Cat.Nos	For installation in the room
		Combination of automatic switches and illuminated signalling
1	0 784 54A	**Automatic switch with neutral, 3 wire** 2 modules - white For installation at a maximum of 30 cm from the ground in order to pick up the patient's movements once out of bed Allows triggering of the lighting and the illuminated signalling Installing 2 or 3 detectors per room is advisable for optimum movement detection Infrared detection Detection range adjustable from 3m to 10m Horizontal detection angle: 180° Light level threshold adjustable from 3 to 1,000 lux Time delay adjustable from 1s to 16 mins with repetition of cycle as long as movement is detected For installation in box depth 40 mm min. For flush-mounted installation use plate Cat.No 0 788 22 and support Cat.No 0 802 51
		Illuminated signalling For flush-mounted installation use plate Cat.No 0 788 22 and support Cat.No 0 802 51 2 choices of power rating (0.2 W or 1 W)
5	0 785 20	Signalling with white LEDs 2 modules
1	0 785 10	For 230 V - 0.2 or 1 W illuminated standby To be installed in skirting trunking or bedhead strip 230 V - 2 modules White antimicrobial(1)
		Illuminated signalling for top of door
1	0 785 22	Signalling with white LEDs (1 W) Mechanism incorporating LEDs and a pivoting window which can take pre-printed labels Option of downloading labels from e-catalogue for printing 5 modules For flush-mounted installation use plate Cat.No 0 788 15 and support Cat.No 0 802 52
		Skirting light with motion sensor Mechanism equipped with an infrared detection cell and a LED beam To be installed close to the floor (next to a socket for example) When someone passes, the mechanism detects movement and switches the light on Ideal to illuminate a corridor at night without dazzling people, or to highlight possible danger Equipped with an audible signal that can be deactivated (when product is used for lighting) or not (so as to indicate danger)
1	0 785 11	○ White

Pack	Cat.Nos	For installation in bathrooms
1	0 488 06	**False ceiling detector switch** Connection via automatic terminals • Operating mode: - Vacancy sensing: switched on manually via push-button, switched off automatically via detector or by pressing push-button - Occupancy sensing: switched on and off automatically - Factory pre-set to occupancy sensing mode. Vacancy sensing mode activated by mobile configurators • Light level threshold factory pre-set to 500 lux • Factory pre-set time delay 15 minutes. Walkthrough function activated (short time delay of 3 minutes for 1 walkthrough) • Site adjustment with mobile configurators Cat.Nos 0 882 30/35 • Serial wiring Phase + Neutral + Source With terminals to connect the push-button(s) including push-buttons with LED indicator Cat.Nos 0 770 40/33 • For controlling light sources: - 2,000 W max 230 V halogen - 1,000 VA max ELV halogen, fluorescent bulb with ballast - 500 W max with compact fluorescent light and LED Recommended fixing height: 2.50 m Fixed directly to a false ceiling with mounting claws (provided) or installed in Batibox flush-mounting box with depth of 50mm Surface mounted with accessory Cat.No 0 488 75 Infrared and ultrasonic detector 360° This dual technology allows presence to be detected precisely as soon as the wave issued by the detector is modified Consumption 0.8 W on standby

1: Contains a silver compound to prevent the growth of bacteria on the surface of the plate

Isolating transformers for hospitals

0 425 71

0 425 94

0 425 81

Conform to standard IEC EN 61558-2-15
The main requirements of this standard, additionally to IEC 61558-2-4, concern:
- secondary/earth leakage current, limited to 0.5 mA off-load
- inrush current, limited to 12 times the peak value of primary current
Electrostatic shield linked to dedicated terminal
Equipped with a temperature monitoring system, and outputs on dedicated terminals

Single-phase

Primary: 230 V∿
Secondary: 230 V∿ with centre tap
Equipped with two temperature monitoring systems (bi-metal strips and thermocouple PT 100), making them compatible with any medical control system

Pack	Cat.Nos			Terminal	
	IP 21	IP 20	Output (kVA)	primary flexible cable (mm²)	secondary flexible cable (mm²)
1	0 425 71	0 425 91	2.5	16	16
1	0 425 72	0 425 92	4	16	16
1	0 425 73	0 425 93	5	35	35
1	0 425 74	0 425 94	6.3	35	35
1	1 425 75	0 425 95	8	35	35
1	1 425 76	0 425 96	10	35	35

3-phase

Primary: 400 V∿ * + N
Secondary: 230 V∿ * + N
Equipped with a temperature monitoring system (bi-metal strips) for connection to a control system (optical, acoustic, etc...)

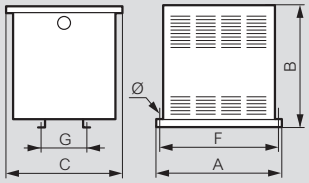
Pack	Cat.Nos	Terminal	
	IP 21	Output (kVA)	primary flexible cable (mm²)	secondary flexible cable (mm²)
1	0 425 81	4	10	10
1	0 425 83	6.3	10	16
1	0 425 84	8	16	35
1	0 425 85	10	16	35

IEC EN 61558-2-15 transformer with 400 V single-phase primary,
Please, consult us

Characteristics IP 21 range

Class I - IP 21 - IK 08 (enclosed)
Insulation:
- class B for 2.5 kVA model, ambient temperature 25 °C
- class H from 4 kVA upwards, ambient temperature 25 °C

Cat.Nos 0 425 71 to 76 and 0 425 81 to 85



Single-phase 230 V/230 V with centre tap

Insulation voltages:
- Between windings: 3550 V
- Between primary and earth: 3550 V
- Between secondary and earth: 3550 V

Cat Nos.	Losses		Voltage drop (%) cos φ 1	Efficiency (%) cos φ 1	Ucc (%)	Dimensions (mm)			Fixing (mm)			Weight (kg)
	No load (W)	Due to the load (W)				A	B	C	F	G	Ø	
0 425 71	22.3	93	2.8	96.2	3.1	320	330	253	300	111	9	39
0 425 72	46	182	4.4	97.7	3.2	340	410	370	320	120	9	52
0 425 73	64.0	245	4.4	96.0	3.1	340	410	370	320	150	9	60
0 425 74	67.7	213	3.1	98.1	2.8	340	410	370	320	150	9	68
1 425 75	88	382	4.4	96.1	3.8	390	460	380	370	140	9	68
1 425 76	90	396	3.6	96.7	3.6	390	460	380	370	140	9	70

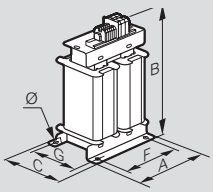
3-phase 400 V ⅄ + N / 230 V ⅄ + N

Insulation voltages:
- Between windings: 4450 V
- Between primary and earth: 4450 V
- Between secondary and earth: 3550 V

Cat Nos.	Losses		Voltage drop (%) cos φ 1	Efficiency (%) cos φ 1	Ucc (%)	Dimensions (mm)			Fixing (mm)			Weight (kg)
	No load (W)	Due to the load (W)				A	B	C	F	G	Ø	
0 425 81	50.2	157.0	3.3	95.0	2.7	420	270	190	400	126	9	60
0 425 83	76.2	232.0	3.4	95.3	2.8	470	410	340	450	126	9	82
0 425 84	96.1	281.0	3.2	95.4	2.7	470	410	340	450	176	9	106
0 425 85	160.0	342.0	3.4	95.2	2.7	470	410	340	450	176	9	106

Characteristics IP 00 range

Class I - bare
Insulation:
- class B for 2.5 kVA model, ambient temperature 25 °C
- class H from 4 kVA upwards, ambient temperature 25 °C



Single-phase 230 V/230 V with centre tap

Insulation voltages:
- Between windings: 3550 V
- Between primary and earth: 3550 V
- Between secondary and earth: 3550 V

Cat. Nos	Losses		Voltage drop (%) cos φ 1	Efficiency (%) cos φ 1	Ucc (%)	Dimensions (mm)			Fixing (mm)			Weight (kg)
	No load (W)	Due to the load (W)				A	B	C	F	G	Ø	
0 425 91	22.3	93	2.8	96.2	3.1	300	377	171	200	114	9	33
0 425 92	46	182	4.4	97.7	3.2	240	475	195	180	120	11	42
0 425 93	64.0	245	4.4	96.0	3.1	240	475	250	180	150	11	50
0 425 94	67.7	213	3.1	98.1	2.8	240	475	250	180	150	11	58
0 425 95	88	382	4.4	96.1	3.8	290	505	220	194	138	11	58
0 425 96	90	396	3.6	96.7	3.6	290	505	220	194	138	11	61

Insulation monitoring device (IMD)

for IT earthing system in medical environment

0 435 01

0 435 11

0 435 21

Used to permanently monitor the insulation level of the IT earthing system, in compliance with installation standard IEC 60364-7-710 (Group 2 hospitals)

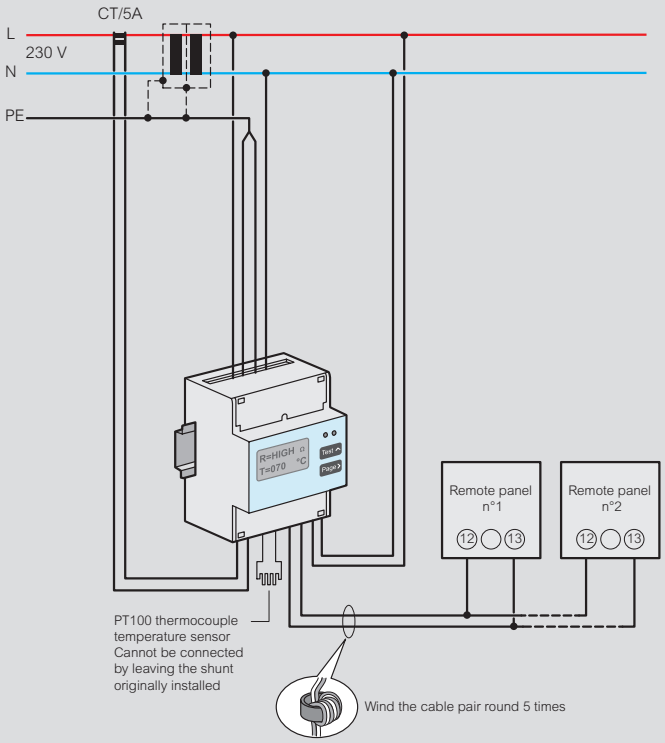
Pack	Cat.Nos	**Insulation monitoring device (IMD)**
		For single-phase circuits, specific for electrical installations in medical environment, using IT earthing system. Conforming to standard IEC 61557-8 (Appendix A and B) For use with one or more (up to 5) remote panels to indicate a fault via an audible and visual signal in the concerned room Possibility to define pre-alarms and warnings Digital screen with 2-line display with 8 characters per line which allows to define the limits for the monitored parameters Width: 4 x 17.5 mm modules
		230 V∿
1	0 435 01	Measures the network insulation resistance, the overload (5 A current transformer) and the overheating (PT100 sensor) of the isolation transformer For alternative current Insulation settings: 50 to 500 kΩ
		24 V∿
1	0 435 02	Measures the network insulation resistance Particularly suitable for dedicated lighting circuits (scialytic lamps) For alternative current Insulation settings: 5 to 50 kΩ
		Remote panels for insulation monitoring device (IMD)
		Connected to the IMD unit with cable Cat.No 3 369 04 for alarm report LED indicator and audible signal for the state of IT network STOP button for audible signal TEST button for insulation monitoring in compliance with IEC 60364-7-710 standard Up to 5 remote panels per IMD Manual addressing (using dip switches)
		For flush-mounted installation Supplied with flush-mounting box for masonry Can also be installed in flush-mounting box for dry partitions Cat.No PB503 3 x 22.5 mm modules
1	0 435 11	230 V or 24 V∿
		For mounting on enclosure door Cut-out dimensions: 68 x 68 mm Product dimensions: 72 x 72 mm
1	0 435 21	230 V or 24 V∿

Transformers for hospitals
p. 1214

Insulation monitoring device (IMD)

for IT earthing system in medical environment

Schematic diagram



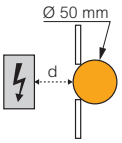
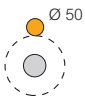
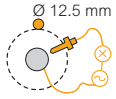
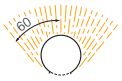
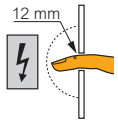
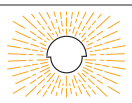
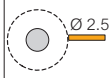
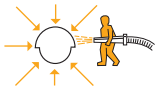
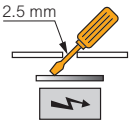
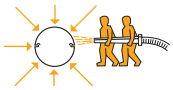
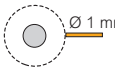
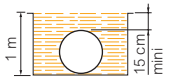
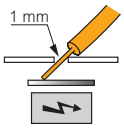
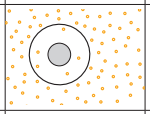
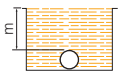
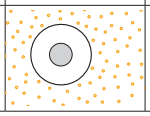
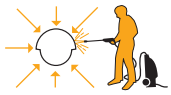
Cat.No 0 435 02

Ideal for large-diameter lighting systems used in operating theatres, mounted on an articulated arm, which offer strong lighting power without casting shadows.

Index of protection

1. Degrees of protection provided by enclosures for electrical equipment (IP code)

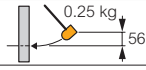
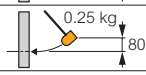
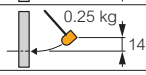
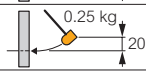
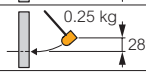
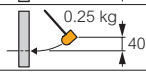
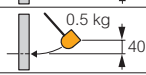
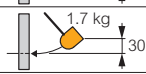
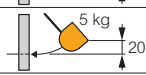
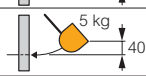
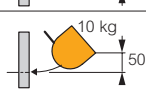
According to standards: IEC 60529, BS EN 60529 and NF EN 60529

1st digit: protection against solid foreign objects			2nd digit: protection against ingress of water			Additional letter: protection against access to hazardous parts		
IP	tests	protection	IP	tests	protection	IP	tests	protection
0		No protection	0		No protection	A		The back of the hand remains remote from dangerous parts
1		Protected against solid bodies larger than 50 mm	1		Protected against vertically-falling drops of water (condensation)			
			2		Protected against drops of water falling at up to 15° from the vertical			
2		Protected against solid bodies larger than 12.5 mm	3		Protected against drops of rain water at up to 60° from the vertical	B		The dangerous parts can not be touched when introducing a finger
			4		Protected against projections of water from all directions			
3		Protected against solid bodies larger than 2.5 mm	5		Protected against jets of water from all directions	C		The dangerous parts can not be touched when introducing a tool (eg a screwdriver)
			6		Protected against jets of water of similar force to heavy seas			
4		Protected against solid bodies larger than 1 mm	7		Protected against the effects of immersion	D		The dangerous parts can not be touched when introducing a wire
5		Protected against dust (no harmful deposit)	8		Protected against prolonged effects of immersion under presure			
6		Completely protected against dust	9 9K(1)		Protected against high pressure and temperature water jets			

(1) In accordance to ISO 20653

2. Degrees of protection provided by enclosure for electrical equipment against external mechanical impacts (IK code)

According to standards: IEC 62262, BS EN 62262 and NF EN 62262

IK	tests	energy (in Joules)
00	no	-
01		0.14
02		0.2
03		0.35
04		0.5
05		0.7
06		1
07		2
08		5
09		10
10		20
11		50

• This table can be used to ascertain the resistance of a product to an impact given in Joules from the IK code

Marking, Marks, Certificates, Declarations: what you need to know

• CE marking:

The CE marking appears on Legrand's electrical and/or electronic devices or on their packaging. It is made mandatory by Directives of the European Parliament and of the council of the European Union.

On no account may the CE marking replace a conformity mark. In the European Union, it allows customs officials and regulatory bodies to authorize the free circulation of any product marked CE.

The manufacturer shall affix the CE marking on his products or their packaging under his sole responsibility.

His manufacture is not submitted to any conformity check by an outside body (compliance with national and international standards of safety and performance).

• Conformity marks (NF, VDE, CEBEC, IMQ, …):

They guarantee that the products concerned comply with national standards. This conformity is guaranteed by the Certification Bodies.

Before their market release, the products are tested by an approved Laboratory, and the conformity of production is ensured by periodic factory testing. The standards are designed to guarantee both the products' safety and their performance.

The installers and builders are represented by their professional organizations in the national and international (IEC) standards drafting committees.

• Legrand Declaration of Conformity:

This is Legrand's commitment to certain specific requirements which are not covered by a Conformity mark.

This commitment is formalized by a Declaration of Conformity.

Requirements	CE marking	Conformity mark	legrand
Safety	At the manufacturer's discretion	Strict compliance with standards in the design of the product	Additional requirements according to modes of use (professionals, private individuals, types of premises, …)
Reliability	No requirement	Strict compliance with standards as regards performance	Specifications going far beyond the standard requirements
Ease of installation	No requirement	No requirement	Absolute simplicity required
User-friendliness	No requirement	No requirement	Optimal adaptation to the conditions of use
Factory testing	Requirement not defined	Periodic checking by outside bodies	Ongoing checks according to the ISO 9001/9002 procedures
Guarantees for the installer and the user	**Simple passport for circulation within the European Union**	**Guarantee of an essential minimum quality level**	**Guarantee of compliance with the quality requirements and commitments of a major brand**
Associated documents	EU Declaration of Conformity	Certificate of Conformity Mark	Declaration of Conformity

Legrand worldwide

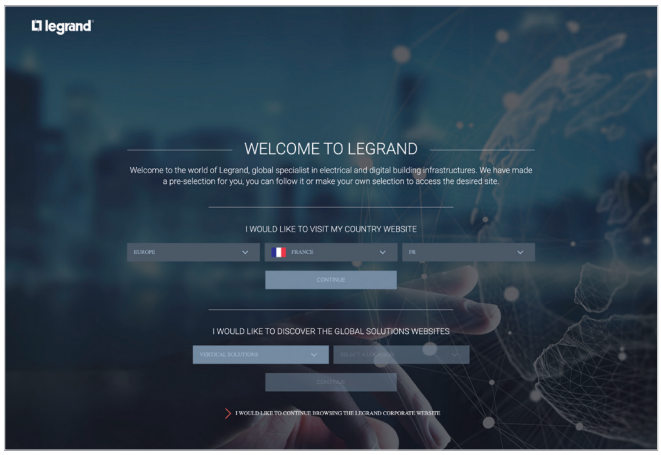
Legrand operates on a global market, with facilities in nearly 90 countries and products sold in nearly 180. Together, the Group's expertise, the scope of its offering adapted to local markets as well as its international presence make Legrand a worldwide benchmark.

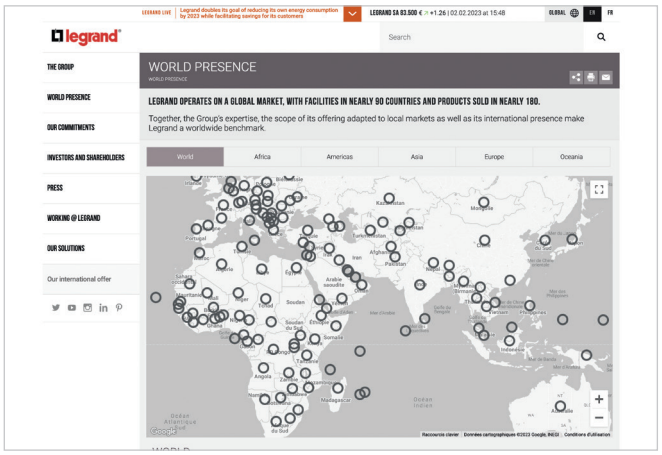
Want to know more about Legrand's presence in your country?

- Go to **legrand.com** website and select your country.

OR

- Visit **legrandgroup.com/en/world-presence** to have the most updated contact information for our representative offices and subsidiaries around the world.





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