

RESIDENTIAL AND COMMERCIAL

POWER PROTECTION

GUIDE



THE GLOBAL SPECIALIST
IN ELECTRICAL AND DIGITAL BUILDING INFRASTRUCTURES



Buildings use sophisticated equipment that is sensitive to power system fluctuations.

The quality of power has become essential to users of business equipment. Having the right solutions in place to monitor power quality, correct power factor, mitigate harmonics and protect against voltage variations is important to ensure the facility is running to full capacity.

The Legrand solution can actively contribute to the reduction of electricity costs and improve energy efficiency of your facility.



Section 1: Protection, Circuit Protection & Distribution

ACB's, MCCB's & Switches	Page 14
ATS & Contactors	Page 56
Energy Management Systems	Page 76

Section 2: MCB's, RCD's & Din-rail equipment

MCB's, RCD's & DIN-RAIL Equipment	Page 94
-----------------------------------	---------

Section 3: Enclosures & Cabinets

Ready to use Cabinets & Enclosures	Page 112
Self-assembly Cabinets & Enclosures	Page 179
Weatherproof Enclosures & Accessories	Page 119

Section 4: Industrial Equipment & Accessories

Cabling Components & Marking Systems	Page 226
Control and Signalling Devices, Transformers & Power Supplies	Page 252
Electric Vehicle Sockets, Industrial Sockets & Other Equipment	Page 276

cast resin Transformers

The efficiency standards of transformers have never been stronger

Legrand T.HE Transformers, designed and manufactured in accordance with new regulation, ensure a consistent reduction in energy consumption, resulting in economic savings and the decrease of CO₂ emissions released into the atmosphere.



CLASSIFICATION

The classification of a cast resin transformer depends on the value of the no-load losses (P_0), as well as the load losses (P_k). More precisely, P_0 losses are independent from the load and remain constant for the whole period the transformer is connected to the electric power network. On the other hand, P_k losses only occur when the transformer is connected to a load and they are proportional to the square of the load.

NO-LOAD LOSSES (P_0)	LOAD LOSSES (P_k)
A ₀	A _k
A ₀	B _k

The transformer purchase price is only a small part of its Total Ownership Cost (TCO), while the Operating Costs (mainly connected with losses), represent over 80% of the TCO. Buying an environmentally friendly transformer, means reducing the operating cost and, consequently, having both an economic and environmental advantage.

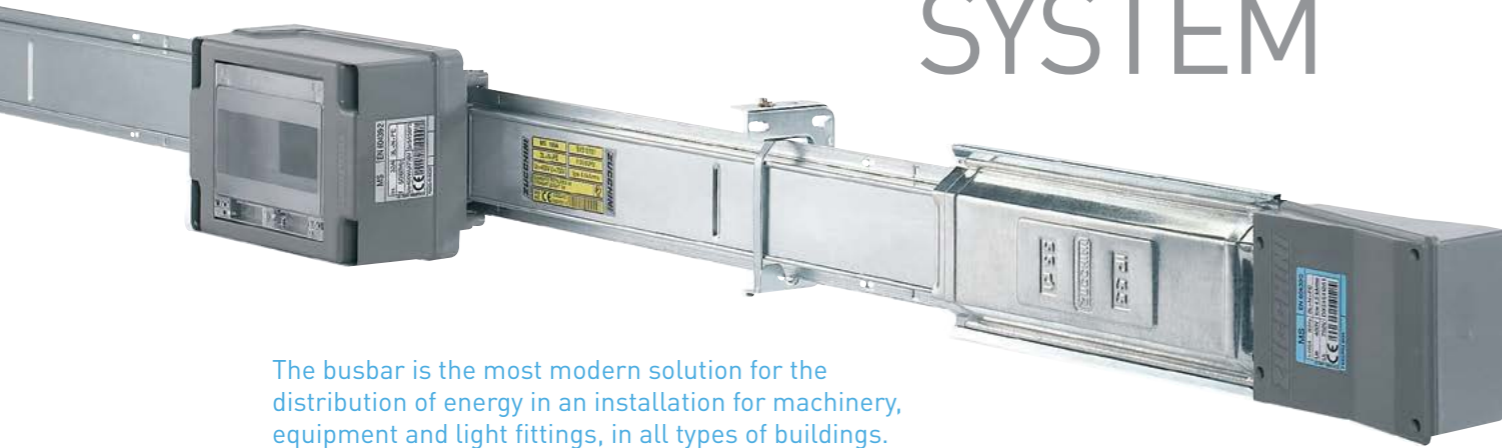
Once the transformer has exhausted its own operating cycle, all of the materials can be easily recycled or disposed, as indicated in the Product Environmental Profile (PEP) document. This document describes the environmental impact of a product during its entire life cycle (from extraction of the needed raw materials to product disposal).

ECODESIGN REQUIREMENTS				
Rated power (kVA)	Maximum load losses P _k (W)	Maximum no-load losses P ₀ (W)	Maximum load losses P _k (W)	Maximum no-load losses P ₀ (W)
≤ 50	B _k (1700)	A ₀ (200)	A _k (1500)	A ₀ - 10% (180)
100	B _k (2050)	A ₀ (280)	A _k (1800)	A ₀ - 10% (252)
160	B _k (2900)	A ₀ (400)	A _k (2600)	A ₀ - 10% (360)
250	B _k (3800)	A ₀ (520)	A _k (3400)	A ₀ - 10% (468)
400	B _k (5500)	A ₀ (750)	A _k (4500)	A ₀ - 10% (675)
630	B _k (7600)	A ₀ (1100)	A _k (7100)	A ₀ - 10% (990)
800	A _k (8000)	A ₀ (1300)	A _k (8000)	A ₀ - 10% (1170)
1000	A _k (9000)	A ₀ (1550)	A _k (9000)	A ₀ - 10% (1395)
1250	A _k (11000)	A ₀ (1800)	A _k (11000)	A ₀ - 10% (1620)
1600	A _k (13000)	A ₀ (2200)	A _k (13000)	A ₀ - 10% (1980)
2000	A _k (16000)	A ₀ (2600)	A _k (16000)	A ₀ - 10% (2340)
2500	A _k (19000)	A ₀ (3100)	A _k (19000)	A ₀ - 10% (2790)
3150	A _k (22000)	A ₀ (3800)	A _k (22000)	A ₀ - 10% (3420)

Requirements applicable (losses value) to three phase dry type transformers with rated power ≤ 3150 kVA with one winding with Um ≤ 24 kV and the other one with Um ≤ 1,1 kV.



THE BUSBAR SYSTEM



The busbar is the most modern solution for the distribution of energy in an installation for machinery, equipment and light fittings, in all types of buildings. The busbar is also frequently used to power the (horizontal and vertical) backbones of buildings used for the commercial-service sectors, thus observing the time required for the installation and providing a final solution with remarkable technical advantages.

Legrand's busbars, available in 3 segmented ranges (Low Power, Medium Power and High Power), are able to meet all installation requirements, from 25 A to over 5000 A.



EASY

The electric design of the busbars is achieved in compliance with product Standards.

The rated current of our busbars is guaranteed at a room average temperature of 40 °C (n.d.r. the Standard requires 35°C).

After choosing the busbar which is able to meet the operating current regulations, it will be simple to verify the voltage drop as well as the protection against overcurrents by using the technical tables available for all of our production lines.

In particular, these tables define a wide range of technical data which allow the planning engineer to carry out calculations with electric values, which are not estimated but the result of measurements made during heating and short circuit tests (in certified LOVAG laboratories), which have certified all product lines.

When using busbars, the load protection is located very close to the device (decentralised protection); junction boxes can contain protection devices such as thermal magnetic circuit breakers, fuse carriers and motorised switches which allow you to easily and efficaciously manage the system.



SAFETY

A busbar doesn't use large amounts of insulating plastic material and potentially dangerous materials in case of fire.

Furthermore, the plastic materials used for the insulating parts of the busbars are always self-extinguishing (from V0 to V2) and the gas emission is generally very low (Halogen Free).

Low electromagnetic emission is another advantage of the busbars as a result, the metal plate casing of the busbars serves as a screen for the electric field (shielded enclosure); the extreme vicinity between the phase conductors also reduces considerably the emission of the magnetic field.

The tests carried out on one of our 2500 A SCP busbars at full operating current has shown that the emission of the magnetic field (magnetic induction) is lower than the "target level" of the decree at a distance of 0.3m, whereas the threshold considered as the "quality target" can be achieved at a distance of only 0.7m from the busbar.

These features make our busbars the choice for hospital facilities, data processing centres and wherever it is necessary to supply a large amount of power in the proximity of workplaces and/or sensitive equipment.



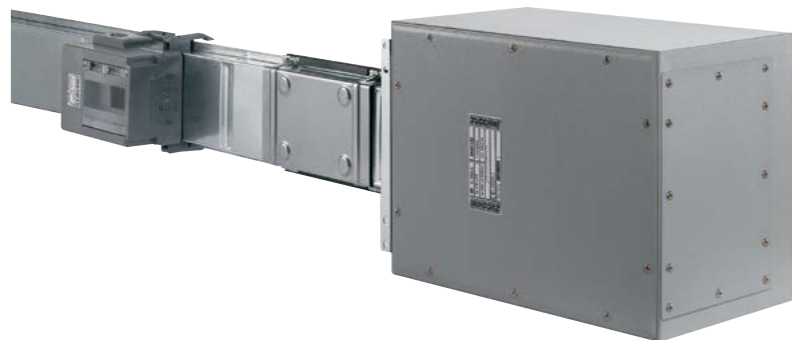
SUPER COMPACT (SCP)

BUSBAR FROM 630 TO 5000 A
The power solution for industrial and service sector applications



MEDIUM RATING (MR)

BUSBAR FROM 160 TO 1000 A
Performance and functionality in medium power



ALSO AVAILABLE
RATED IP65

LB PLUS

BUSBAR FROM 25, 40 TO 63 A
Light and Power – The solution that comes from above



LB PLUS DATA

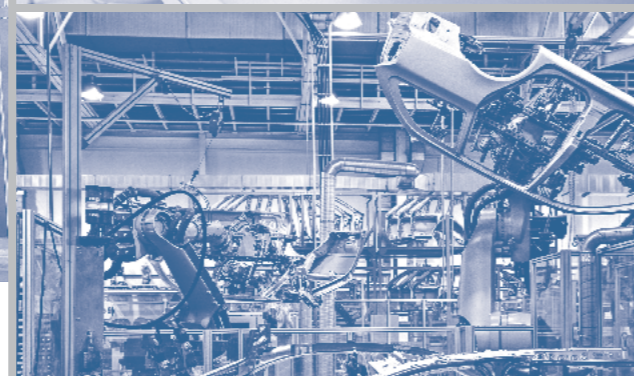
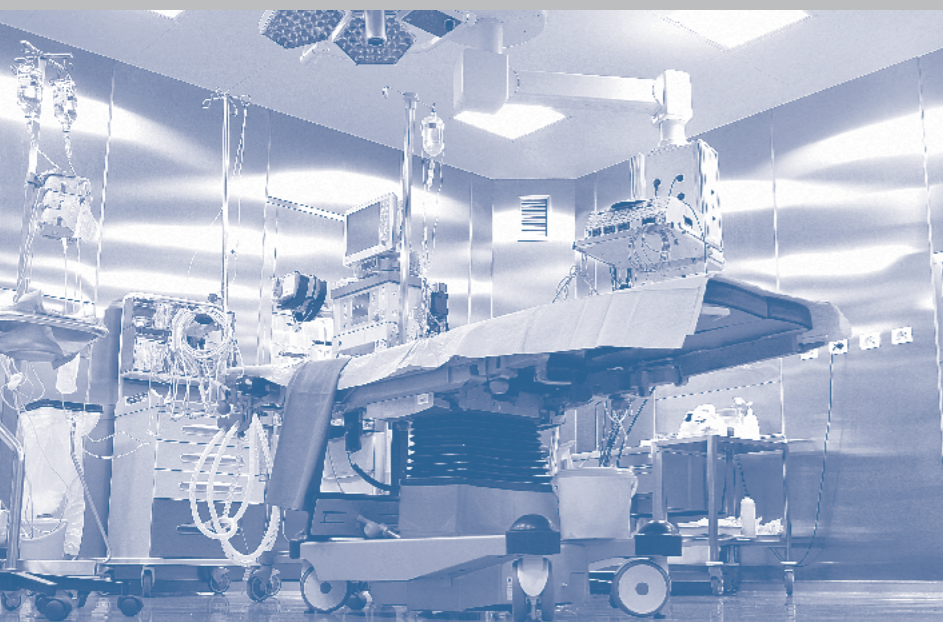
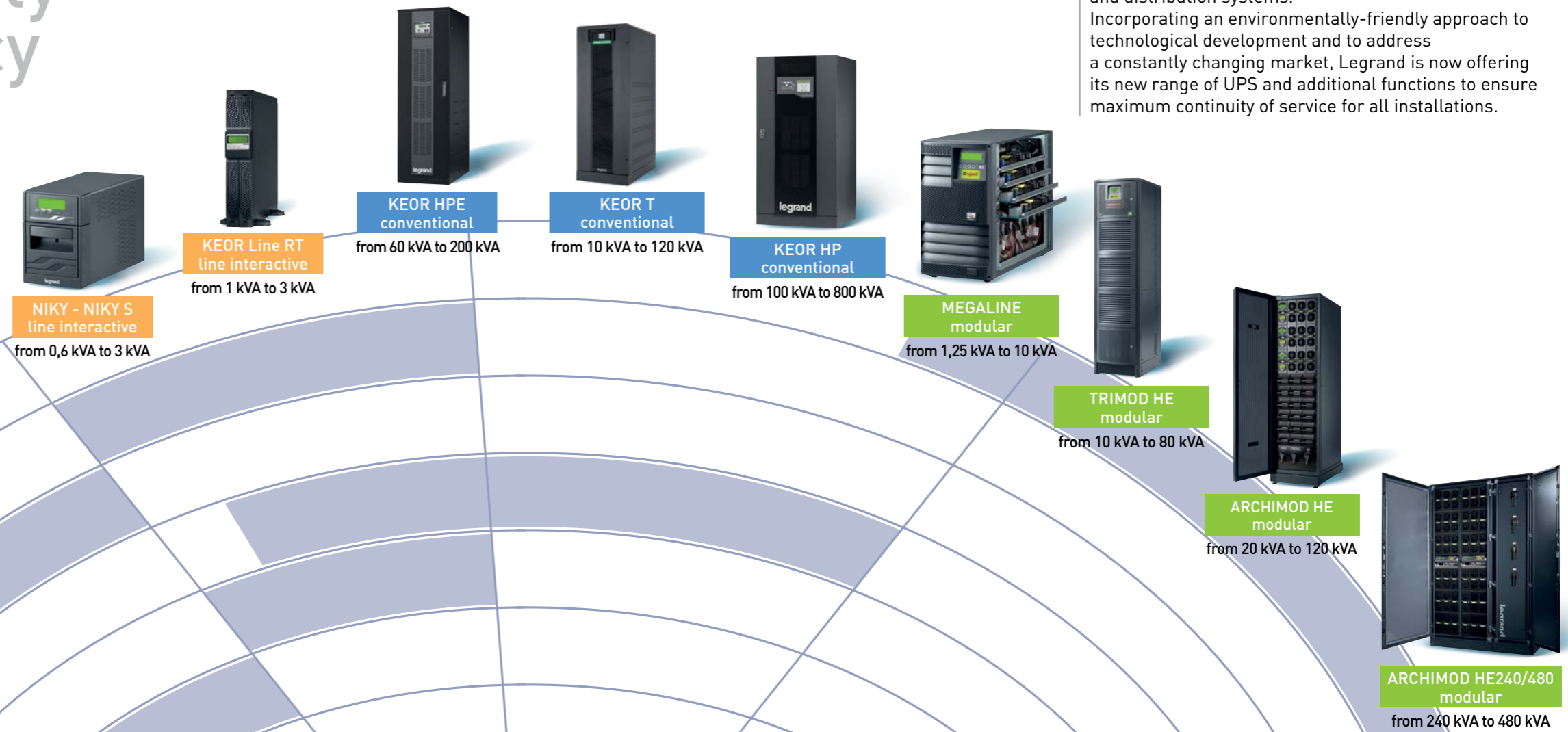
BUSBAR FROM 25, 40 TO 63 A
The new busbar trunking system for LIGHTING MANAGEMENT



UPS

superior performance
service continuity
energy efficiency

Legrand, world leader in the manufacture of electrical equipment, offers an extensive range of solutions to meet all the needs of service sector installations, from structured cabling systems for data networks through to control and management of the installation, including trunking and distribution systems. Incorporating an environmentally-friendly approach to technological development and to address a constantly changing market, Legrand is now offering its new range of UPS and additional functions to ensure maximum continuity of service for all installations.



Alphabetical list

A

Air Circuit Breakers DMX ³ 2500 and 4000	14
Air Circuit Breakers DMX ³ 6300	15
Auxiliaries and Accessories for DMX ³ 2500, 4000 and 6300	17
Automatic Transfer Switch Control Units.....	19
Air Circuit Breakers DMX ³ 1600	20
Auxiliaries, Accessories and Fixing Devices for DMX ³ 1600	22
Automatic Transfer Switches.....	56
Add-on Modules DX ³	99
Auxiliaries, Remote Control and Accessories	100
Auxiliaries for Contactors CX ³	108
Alpican Capacitators.....	85
Alpican Capacitators Technical Characteristics	86
Automatic Power Factor Controllers Alptec 3.2/5.2/8.2 and Alptec 8	88
Automatic Power Factor Controllers Alptec 3.2/5.2/8.2 and Alptec 8 Technical Characteristics ..	90
Atlantic, Atlantic Food Industry & Marina Selection Chart.....	192
Atlantic metal Cabinets	195
Atlantic metal Cabinets Equipment	196
Atlantic Food Industry Cabinets.....	197
Atlantic, Atlantic Food Industry & Marina Cabinets.206	
Atlantic, Atlantic Food Industry & Marina Cabinets Equipment.....	208
Atlantic, Atlantic Food Industry & Marina Cabinets Chassis & Internal Doors	209

B

Busbars and Accessories	178
Bells for Industrial and Alarm Use.....	282

C

3-pole Contactors CTX ³ and Thermal Overload Relays RTX3 Technical Characteristics	66
3-pole Contactors CTX ³	69
4-pole Contactors CTX ³	72
CTX ³ Accessories.....	73
Control Relays CTX ³	74
Class I + II (T1 + T2) Low Voltage SPDs.....	101
Class II Low Voltage SPDs	102
CX ³ Energy Management System	76
Current Transformers	79
Communication Accessories for Alptec Automatic Power Factor Controllers.....	89
Consumer Units and Load Centres.....	112
Connection	117
Copper Bars.....	193
CDPX ³ Chassis System for MCCBs.....	188
Colring Cable Ties.....	220, 222
CAB 3™ Marking System.....	238
Cam Switches Insulating Box.....	252
Cam Switches Screw Fixing	255
Control, Safety and Circuit Isolation Transformers..	256

D

DPX ³ Electrical Characteristics	24-25
DPX ³ 160 Thermal Magnetic	26
DPX ³ 160 Equipment and Mounting	27
DPX ³ 250 Thermal Magnetic	28
DPX ³ 250 Electronic Release	29
DPX ³ 250 Equipment and Mounting Accessories.....	31
DPX ³ 160 and 250 Common Auxiliaires and Accessories.....	32
DPX ³ 630	33
DPX ³ 1600	39
DPX ³ 630 and 1600 Common Auxiliaires	43
DPX ³ 160, 250, 630 and 1600	43
DRX™ 125.....	45
DRX™ 250.....	46
DRX™ 630 Adjustable.....	47
DRX™ 630 Adjustable Accessories	47
DPX™-IS 250 Isolating Switches.....	51
DPX™-IS 630 Isolating Switches.....	52
DPX™-IS 1600 Isolating Switches.....	53
DPX™-I Auxiliaires	53
DPX ³ -I Trip-free Switches	54
DCX-M Handles and Accessories Selection Chart...	58
DCX-M Changeover Switches.....	60
Digital Time Switches	103
Delay Timers.....	105
Detuned Reactors for Alpican Capacitors	87
Detuned Reactors for Alpican Capacitors Technical Characteristics	87
Distribution Terminal Blocks.....	115
Distribution Boards HBD	189
Distribution Boards DBX ³	190
Distribution Boards, Chassis & Accessories.....	191
DupliX™ Marking System	221

E

Electronic Protection Units for DMX ³	15
Equipment for DMX ³ 2500, 4000 and 6300 Transfer Switches	18
Electronic Protection Units for DMX ³ 1600	20
Equipment for DMX ³ 1600 Transfer Switches	23
Electronic Time-lag Switches	106
EMDX ³ Electrical Energy Meters	78
EMDX ³ Multi-function Measuring Units.....	78
EMDX ³ Supervision System.....	79
EMDX ³ Electrical Energy Meters Technical Characteristics	82
EMDX ³ Multi-function Measuring Units Technical Characteristics.....	83
Expansion Modules for Alptec Automatic Power Factor Controllers	89
Equipment Transformers	257
Electromechanical Sirens.....	282

F

Fixed Capacitor Banks Alpi bloc.....	107
Fixed Capacitor Banks Alpi bloc Technical Characteristics	107
Flush-mounting cabinets Nedbox	126
Forms of Separation Equipment for XL ³ 1600, 4000 and 6300	182
Flat Copper Bars Selection Table	186
Filtered Rectified Power Supplies	266

H

Heat Regulation for Cabinets and Enclosures	212
Hypra IP44 sockets and plugs	284, 285, 286
Hypra IP66/67-55 Plastic.....	287

I

Isolating Switches Selection Chart.....	49
Isolating and Changeover Switches.....	99
Illuminated Signalling	283

L

Locking Accessories	210
Lina 25™ Cable Ducting	244

M

MPCBs MPX ³ Technical Characteristics	62
MPCBs MPX ³	64
Mini Contactors CTX ³	68
MCBs TX ³ 6000	94
MCBs DX ³ 6000 - 10kA	94
MCBs TX ³ 10000 - 16kA.....	95
MCBs.....	96
MCBs DX ³ - 36kA-50kA	96
Modular Power Contactors with Handle CX ³	107
Modular Power Contactors without Handle CX ³	108
Modular Distribution Blocks 40 to 250A.....	119
Marina Cabinets	200
Marina Cabinet Equipment.....	201
Marina Enclosures.....	202
Marina Enclosures Equipment	203
Marina Cabinets and Enclosures	204
Metal Cable Glands IP68	217
Marking Label Sheets.....	238
Memocab™ Marking System	241

O

Osmoz Control & Signalling Units - Non-illuminated ..	246
Osmoz Control & Signalling Units - Illuminated	247
Osmoz Control & Signalling Units - Block Sub-assemblies.....	249
Osmoz Control & Signalling Units - Electrical Block249	
Osmoz Control & Signalling Units - Control Stations 250	
Osmoz Control & Signalling Units - Accessories	250

P

Programmable Time Switches with Analogue Dial ...	104
Programmable Time Switches with Analogue and Digital Dial	104
Power Supervision System	78
Plexo ³	113
Power Distribution Blocks.....	118
Plexo™ Boxes IP55 - IK07.....	120
Plastic Industrial Boxes	124
Plastic Cable Glands IP55.....	215
Plastic Cable Glands IP68.....	216
P 17 Tempra Pro Selection Chart.....	268
P 17 Tempra Pro.....	270
P 17 Tempra - Domestic Pin Configuration	271
P 17 Tempra IP44.....	271
P 17 Tempra Pro IP66/67	272

R

Rear Terminals for DMX ³ 2500, 4000 and 6300.....	18
Residual Current Relay and Coils	44
RCBOs.....	97
RCCBs TX ³	98
RCCBs.....	98

S

Supply Busbars, Entry Terminals	114
Supply Busbars and Distribution Blocks Selection Table.....	116
Surface Mounting Cabinets Nedbox	125
Surface Mounting Cabinets XL ³ 125	133
Starfix™ Ferrules and Crimping Tools.....	236
Starfix™ Applicator.....	237
Stabilised Switched Mode Power Supplies.....	264

T

Trip Free Switches DMX ³ -I.....	16
Trip Free Switches DMX ³ -I 1600.....	21
Thermal Relays and Accessories for CTX ³ Mini Contactors	68
Thermal Relays RTX ³	71
Transcab Cable Ducting	243
Transformers and Auto-transformers IP55	258

U

Uprights, rails and Fixing Accessories for Cabinets and Enclosures.....	211
---	-----

V

Vistop™ Isolating Switches	50
Viking™3 Terminal Blocks Selection Chart	224
Viking™3 Terminal Blocks with Screw Connection...	228
Viking™3 Terminal Blocks with Spring Connection ..	230
Viking™3 Accessories.....	232
Viking™3 Power Terminal Blocks.....	235

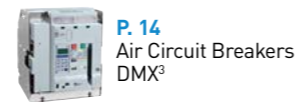
X

XL ³ S 160 - 24 modules per row.....	130
XL ³ S 160 - 36 modules per row.....	131
XL ³ S 160 Equipment and Accessories.....	132
XL ³ S 160 Technical Characteristics	133
XL ³ S 630 Selection Chart	134
XL ³ S 630 Distribution Enclosures	138
XL ³ S 630 Doors	139
XL ³ S 630 Equipment.....	140
XL ³ S 630 Accessories	144
XL ³ S 630 Busbar Supports and Accessories.....	145
XL ³ S 4000 Selection Chart	146
XL ³ S 4000	150
XL ³ S 4000 Equipment.....	151
XL ³ S 4000 Universal Accessories and Mounting Plates	156
XL ³ S 4000 Solid Faceplates	156
XL ³ S 4000 Busbar Supports and Accessories.....	157
XL ³ S 630 Technical Characteristics	158
XL ³ S 4000 Technical Characteristics	159
XL ³ S 630 and XL3S 4000 Isolating Busbar Supports Selection Chart.....	160
XL ³ S 630 and XL3S 4000 Busbar Selection	164
XL ³ Equipment Selection	166
XL ³ 4000 Distribution Enclosures	170
XL ³ 4000 Distribution Enclosures Technical Characteristics	172
XL ³ 4000 Equipment.....	173
XL ³ Solid Faceplates and Accessories	179
XL ³ 6300 Distribution Enclosures	180



PROTECTION, CIRCUIT PROTECTION & DISTRIBUTION

ACB's, MCCB's & Switches



P. 14
Air Circuit Breakers
DMX³



P. 16
Trip Free Switches
DMX³-I



P. 19
Automatic Transfer
Switch Control units



P. 22
Equipment for
DMX³ 1600



P. 26
DPX³ 160 Thermal
Magnetic



P. 28
DPX³ 250 Thermal Magnetic



P. 29
DPX³ 250 Electronic
Release



P. 33
DPX³ 630



P. 39
DPX³ 1600



P. 45
DRX™ 125



P. 46
DRX™ 250



P. 50
Vistop™ Isolating
Switches



P. 51
DPX™-IS 250 Isolating
Switches



P. 52
DPX™-IS 1600 Isolating
Switches



P. 54
DPX³-I Trip-free Switches

ATS & Contactors



P. 56
Automatic Transfer
Switches



P. 60
DCX-M Changeover
Switches



P. 64
MPCBs MPX³



P. 68
Mini Contactors CTX³



P. 70
3-pole Contactors
CTX³



P. 71
Thermal Relays RTX³



P. 72
4-pole Contactors CTX³

Energy Management Systems



P. 76
CX³ Energy
Management System



P. 80
Power Supervision
System



P. 88
Automatic Power
Factor Controllers



**Automatic Transfer
Switches**
(p. 19)



Trip Free Switches
(p. 54)



Mini Contactors CTX³
(p. 68)

Air circuit breakers DMX³ 2500 and 4000

from 800 to 4000 A



0 286 56 + 0 288 02 0 286 74 + 0 288 02 0 287 56 + 0 288 02

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	Pack	Cat.Nos	Draw-out version
		Supplied with: - 4 auxiliary contacts: NO/NC - rear terminals for horizontal connection with bars - door sealing DMX³ - N 2500 Breaking capacity Icu 50 kA (415 V~)			Supplied with: - 4 auxiliary contacts: NO/NC - draw-out base and kit - flat rear terminals for connection with bars - door sealing DMX³ - N 2500 Breaking capacity Icu 50 kA (415 VA)
		Frame 2500 3P 4P In(A)			Frame 2500 3P 4P In(A)
1	0 286 21 0 286 31	800	1	0 287 21 0 287 31	800
1	0 286 22 0 286 32	1000	1	0 287 22 0 287 32	1000
1	0 286 23 0 286 33	1250	1	0 287 23 0 287 33	1250
1	0 286 24 0 286 34	1600	1	0 287 24 0 287 34	1600
1	0 286 25 0 286 35	2000	1	0 287 25 0 287 35	2000
1	0 286 26 0 286 36	2500	1	0 287 26 0 287 36	2500
		DMX³ - H 2500 Breaking capacity Icu 65 kA (415 V~)			DMX³ - H 2500 Breaking capacity Icu 65 kA (415 VA)
		Frame 2500 3P 4P In(A)			Frame 2500 3P 4P In(A)
1	0 286 41 0 286 51	800	1	0 287 41 0 287 51	800
1	0 286 42 0 286 52	1000	1	0 287 42 0 287 52	1000
1	0 286 43 0 286 53	1250	1	0 287 43 0 287 53	1250
1	0 286 44 0 286 54	1600	1	0 287 44 0 287 54	1600
1	0 286 45 0 286 55	2000	1	0 287 45 0 287 55	2000
1	0 286 46 0 286 56	2500	1	0 287 46 0 287 56	2500
		DMX³ - L 2500 Breaking capacity Icu 100 kA (415 V~)			DMX³ - L 2500 Breaking capacity Icu 100 kA (415 VA)
		Frame 4000 3P 4P In(A)			Frame 4000 3P 4P In(A)
1	0 286 61 0 286 71	800	1	0 287 61 0 287 71	800
1	0 286 62 0 286 72	1000	1	0 287 62 0 287 72	1000
1	0 286 63 0 286 73	1250	1	0 287 63 0 287 73	1250
1	0 286 64 0 286 74	1600	1	0 287 64 0 287 74	1600
1	0 286 65 0 286 75	2000	1	0 287 65 0 287 75	2000
1	0 286 66 0 286 76	2500	1	0 287 66 0 287 76	2500
		DMX³ - N 4000 Breaking capacity Icu 50 kA (415 V~)			DMX³ - N 4000 Breaking capacity Icu 50 kA (415 VA)
		Frame 4000 3P 4P In(A)			Frame 4000 3P 4P In(A)
1	0 286 27 0 286 37	3200	1	0 287 27 0 287 37	3200
1	0 286 28 0 286 38	4000	1	0 287 28 0 287 38	4000
		DMX³ - H 4000 Breaking capacity Icu 65 kA (415 V~)			DMX³ - H 4000 Breaking capacity Icu 65 kA (415 VA)
		Frame 4000 3P 4P In(A)			Frame 4000 3P 4P In(A)
1	0 286 47 0 286 57	3200	1	0 287 47 0 287 57	3200
1	0 286 48 0 286 58	4000	1	0 287 48 0 287 58	4000
		DMX³ - L 4000 Breaking capacity Icu 100 kA (415 V~)			DMX³ - L 4000 Breaking capacity Icu 100 kA (415 VA)
		Frame 4000 3P 4P In(A)			Frame 4000 3P 4P In(A)
1	0 286 67 0 286 77	3200	1	0 287 67 0 287 77	3200
1	0 286 68 0 286 78	4000	1	0 287 68 0 287 78	4000

Air circuit breakers DMX³ 6300

5000 and 6300 A



0 289 51 + 0 288 02

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	Pack	Cat.Nos	Draw-out version
		Supplied with: - 4 auxiliary contacts: NO/NC - rear terminals for horizontal connection with bars - door sealing DMX³ - L 6300 Breaking capacity Icu 100 kA (415 V~)			Supplied with: - 4 auxiliary contacts: NO/NC - draw-out base and kit - flat rear terminals for connection with bars - door sealing DMX³ - L 6300 Breaking capacity Icu 100 kA (415 V~)
		Frame 6300 3P 4P In(A)			Frame 6300 3P 4P In(A)
1	0 289 50 0 289 60	5000	1	0 289 50 0 289 60	5000
1	0 289 51 0 289 61	6300	1	0 289 51 0 289 61	6300

Electronic protection units for DMX³

2500, 4000 and 6300



0 288 02 0 288 03

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
All protection units are equipped with batteries for powering in case of mains fault or when the breaker is open or not connected

Pack	Cat.Nos	MP4 protection units with LCD screen	LSI protection unit	LSIg protection unit	MP6 touch screen protection units
1	0 288 00	Integrated LCD screen for displaying electrical values, settings and log Adjustment via selector switches LI protection unit Adjustment of: li, Ir, tr	Adjustment of: Isd, tr, Ir and li	Adjustment of: Isd, tr, Ir, li, Ig and tg	Measure and display instantaneous, maximum and average values of different electrical values and protection conditions Fault signalling and log
1	0 288 01				LSI protection unit Adjustment of: Isd, tr, Ir and li
1	0 288 02				LSIg protection unit Adjustment of: Isd, tr, Ir, li, Ig and tg
1	0 288 03				Accessories for electronic protection units Communication option for DMX ³ electronic protection units
1	0 288 06				24 V DC external auxiliary power supply
1	0 288 10 ¹				External neutral for DMX ³ 6300
1	0 288 11 ¹				External neutral for DMX ³ 2500 and 4000
1	0 288 12 ¹				Module programmable output

¹: Optional accessories, to be ordered when ordering electronic protection unit and DMX³ air circuit breakers for factory assembly

Trip free switches DMX³-I

from 1250 to 6300 A



0 286 96

0 287 96

Conform to IEC 60947-3

Pack	Cat.Nos	Fixed version
		Supplied with: - 4 auxiliary contacts: NO/NC - flat rear terminals for connection with bars - door sealing
		Frame 2500 DMX³-I 2500
		In(A)
1	0 286 83 0 286 93	1250
1	0 286 84 0 286 94	1600
1	0 286 85 0 286 95	2000
1	0 286 86 0 286 96	2500
		Frame 4000 DMX³-I 4000
		In(A)
1	0 286 87 0 286 97	3200
1	0 286 88 0 286 98	4000
		Frame 6300 DMX³-I 6300
		In(A)
1	0 289 70 0 289 71	6300

Pack	Cat.Nos	Draw-out version
		Supplied with: - 4 auxiliary contacts: NO/NC - draw-out base and kit - flat rear terminals for connection with bars - door sealing
		Frame 2500 DMX³-I 2500
		In(A)
1	0 287 83 0 287 93	1250
1	0 287 84 0 287 94	1600
1	0 287 85 0 287 95	2000
1	0 287 86 0 287 96	2500
		Frame 4000 DMX³-I 4000
		In(A)
1	0 287 87 0 287 97	3200
1	0 287 88 0 287 98	4000
		Frame 6300 DMX³-I 6300
		In(A)
1	0 289 77 0 289 78	6300

Trip free switches DMX³-I

from 1250 to 6300 A

Technical characteristics

Trip free switch DMX ³ -I	2500	4000	6300
Frame	2500	4000	6300
Rating In (A)	1250 1600 2000 2500	3200 4000	6300
Rated insulation voltage U _i (V)	1000	1000	1000
Rated impulse withstand voltage U _{imp} (kV)	12	12	12
Rated operational voltage (50/60Hz) U _e (V)	690	690	690
Isolation behaviour	Yes	Yes	Yes
Short-circuit making capacity I _{cm} (kA)	230 V~	143	220
	415 V~	143	220
	500 V~	143	220
	600 V~	132	165
	690 V~	121	143
Short time withstand current I _{cw} (kA) for t = 1 s	230 V~	65	85
	415 V~	65	85
	500 V~	65	85
	600 V~	60	75
	690 V~	55	65
Endurance (cycles)	mechanical	10000	10000
	electrical	5000	5000
Temperature	operation	-5°C to +70°C	-5°C to +70°C
	storage	-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	
	I _{max} (A)	I _r / I _n	I _{max} (A)	I _r / I _n	I _{max} (A)	I _r / I _n	I _{max} (A)	I _r / I _n	I _{max} (A)	I _r / I _n
DMX ³ -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
DMX ³ -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
DMX ³ -I 6300	6300	1	6300	1	6048	0.96	5796	0.92	5544	0.88

Draw-out version

Draw-out version	Temperature									
	40°C		50°C		60°C		65°C		70°C	
	I _{max} (A)	I _r / I _n	I _{max} (A)	I _r / I _n	I _{max} (A)	I _r / I _n	I _{max} (A)	I _r / I _n	I _{max} (A)	I _r / I _n
DMX ³ -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
DMX ³ -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
DMX ³ -I 6300	6300	1	6174	0.98	5985	0.95	5796	0.92	5292	0.84

Auxiliaries and accessories for DMX³ 2500, 4000 and 6300



0 288 51

0 288 58

0 288 37

0 288 44

0 288 15

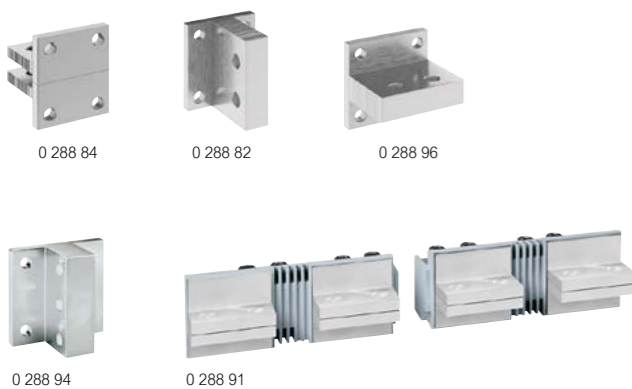
Pack Cat.Nos Control and signalling auxiliaries

		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 DMX ³ , 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
		Signalling contact for shunt trips, undervoltage releases and closing coils
1	0 288 16	
		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

		Key locking in "open" position
		Lock and star key N° HBA90GPS6149 - to be fitted on the frame Cat.No 0 288 28
1	0 288 30	
		Lock and flat key N° ABA90GEL6149 - to be fitted on the frame Cat.No 0 288 28
1	0 288 31	
		2 hole support frame for locks
1	0 288 28	
		Cat.Nos 0 288 30/31
1	0 288 29	Set of 5 key barrels with flat key
		Key locking in the draw-out position
		Mounting of the lock on the base
1	0 288 32	Lock and star key N° HBA90GPS6149
1	0 288 33	Lock and flat key N° ABA90GEL6149
		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
		Padlocking system for ACB (padlock not supplied)
1	0 288 21	
		Padlock for buttons
1	0 288 24	
		Padlocking system for shutters (padlock not supplied)
1	0 288 26	
		Equipment for conversion of a fixed device into draw-out device
		Bases for draw-out device
		For DMX ³ /DMX ³ -I frame 2500
1	3P 4P	0 289 02 0 289 03
		For DMX ³ /DMX ³ -I frame 4000
1	3P 4P	0 289 04 0 289 05
		For DMX ³ /DMX ³ -I frame 6300
1	3P 4P	0 289 13 0 289 14
		Transformation kit for draw-out version
		For DMX ³ /DMX ³ -I frame 2500
1	3P 4P	0 289 09 0 289 10
		For DMX ³ /DMX ³ -I frame 4000
1	3P 4P	0 289 11 0 289 12
		For DMX ³ /DMX ³ -I frame 6300
1	3P 4P	0 289 15 0 289 16
		Accessories
		Rating mis-insertion device
1	0 288 25	
		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

Rear terminals for DMX³ 2500, 4000 and 6300



Equipment for DMX³ 2500, 4000 and 6300 transfer switches



Pack	Cat.Nos	Rear terminals
1	0 288 84	3P For flat connection with bars
1	0 288 85	4P 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 DMX³ frame 2500 draw-out version For vertical or horizontal connection with bars To be fixed onto plate rear terminals of the circuit breaker
1	0 288 92	0 288 93 For DMX³ frame 4000 and 6300 fixed version For flat connection with bars To be fixed onto horizontal rear terminals of the circuit breaker 2 sets are required for frame 6300
1	0 288 94	0 288 95 For DMX³ frame 4000 and 6300 fixed or draw-out version On DMX ³ fixed version: - For vertical connection with bars - To be fixed onto Cat.Nos 0 288 92/93 according to the number of poles On DMX ³ 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
1	0 288 86	3P To be fixed onto horizontal rear terminals of the circuit breaker
1	0 288 87	4P 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
1	0 288 98	Insulation shields For fixed version Insulation shields for DMX ³ /DMX ³ -I frames 2500 / 4000 / 6300
1	0 288 18	0 288 19 For draw-out version Insulation shields for DMX ³ /DMX ³ -I frames 2500 / 4000 / 6300

Pack	Cat.Nos	Equipment for transfer switches
1	0 288 64	Interlock for DMX ³ frame 2500
1	0 288 65	Interlock for DMX ³ frame 4000
1	0 288 66	Interlock for DMX ³ frame 6300
1	0 289 17	Cable interlock Length 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



They can control transfer switching between two sources, manage generator start/stop, control single phase, two-phase and three-phase networks, control phase-phase and phase-neutral voltages
For DPX³ and DMX³ circuit breakers and CTX³ contactors

Pack	Cat.Nos	Automatic transfer switch control units
1	4 226 80	For standard management of 2 circuit breakers 6 programmable digital inputs and 6 programmable relay outputs Digital display Power supply: 12...48 V _{DC} IP54
1	4 226 82 ¹	For advanced management of 2 circuit breakers 6 programmable digital inputs and 7 programmable relay outputs Can be equipped with maximum 2 plug-in modules between: - extension modules Cat.No 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.No 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 _{DC} ; 110-240 V _{AC} IP40
1	4 226 83 ¹	For advanced management of 3 circuit breakers 8 programmable digital inputs and 7 programmable relay outputs Can be equipped with maximum 3 plug-in extension modules between Cat.No 4 226 90/91/92 Integrated opto-isolated RS485 communication interface LCD display IR communication port on the front panel for connection of USB or WiFi modules Cat.No 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 _{DC} ; 110-240 V _{AC} IP65

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 _{AC}) 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
1	4 226 89	Plug-in modules 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 _{AC}
1	4 226 92	2 opto-isolated digital inputs and 2 relay outputs rated 5 A 250 V _{AC}
1	4 226 87 ¹	Communication accessories These communication devices can be used to connect Alptec 8 and Alptec 3.2/5.2/8.2 power factor controllers (p. 123) and automatic transfer switch controllers to a computer; smartphone or tablet For programming, downloading data, diagnostics and upgrading the firmware
1	4 226 87 ¹	USB front connector 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
1	4 226 88 ¹	Wi-Fi front connector 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

Air circuit breakers DMX³ 1600

from 630 to 1600 A



0 280 28 + 0 281 66

Electronic protection units for DMX³ 1600



0 281 65



0 281 72

Trip free switches DMX³-I 1600

from 1000 to 1600 A



0 280 52

Trip free switches DMX³-I 1600

from 1000 to 1600 A

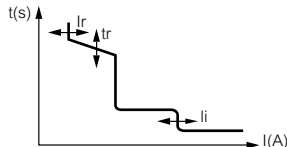
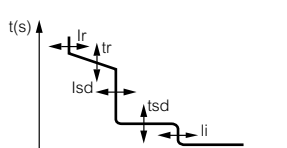
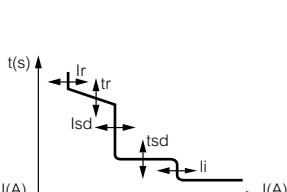
Automatic air circuit breakers must be equipped with DMX³ 1600 electronic protection units Cat.No 0 281 64/65/66, imperatively ordered together for factory assembly
Please ask for DMX³ order form
Conform to IEC 60947-2

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

Conform to IEC 60947-3

Pack	Cat.Nos	Fixed version
		Supplied with: - 4 auxiliary contacts: NO/NC - rear orientable terminals for horizontal and vertical connection with bars - door sealing
		Breaking capacity Icu 42 kA (415 V\sim)
		In (A)
		Frame 1600
		3P 4P
1	0 280 00 0 280 06	630
1	0 280 01 0 280 07	800
1	0 280 02 0 280 08	1000
1	0 280 03 0 280 09	1250
1	0 280 04 0 280 10	1600
		Breaking capacity Icu 50 kA (415 V\sim)
1	0 280 24 0 280 30	630
1	0 280 25 0 280 31	800
1	0 280 26 0 280 32	1000
1	0 280 27 0 280 33	1250
1	0 280 28 0 280 34	1600

Pack	Cat.Nos	Draw-out version
		Supplied with: - 4 auxiliary contacts: NO/NC - draw-out base and kit - rear orientable terminals for horizontal and vertical connection with bars - door sealing
		Breaking capacity Icu 42 kA (415 V\sim)
		In (A)
		Frame 1600
		3P 4P
1	0 280 12 0 280 18	630
1	0 280 13 0 280 19	800
1	0 280 14 0 280 20	1000
1	0 280 15 0 280 21	1250
1	0 280 16 0 280 22	1600
		Breaking capacity Icu 50 kA (415 V\sim)
1	0 280 36 0 280 42	630
1	0 280 37 0 280 43	800
1	0 280 38 0 280 44	1000
1	0 280 39 0 280 45	1250
1	0 280 40 0 280 46	1600

Pack	Cat.Nos	MP4 protection units with LCD screen
		Integrated LCD screen for displaying electrical values, settings and log Adjustment via selector switches
		LI protection unit Adjustment of: li, lr, tr
1	0 281 64	
		LSI protection unit Adjustment of: l _{sd} , t _{sd} , lr, tr and li
1	0 281 65	
		LSIg protection unit Adjustment of: l _{sd} , t _{sd} , lr, tr, li, lg and tg
1	0 281 66	

Pack	Cat.Nos	Accessories for electronic protection units
1	0 281 70 ¹	Communication option for DMX ³ electronic protection units
1	0 281 72	External auxiliary power supply (input 230 V AC)
1	0 281 71 ¹	External neutral for DMX ³ 1600
1	0 281 99 ¹	Programmable output option

¹: Optional accessories, to be ordered when ordering electronic protection unit and DMX³ air circuit breakers for factory assembly

Pack	Cat.Nos	Fixed version
		Supplied with: - 4 auxiliary contacts: NO/NC - rear orientable terminals for horizontal and vertical connection with bars - door sealing
		Frame 1600
		3P 4P
1	0 280 50 0 280 56	In (A) 1000
1	0 280 51 0 280 57	1250
1	0 280 52 0 280 58	1600

Pack	Cat.Nos	Draw-out version
		Supplied with: - 4 auxiliary contacts: NO/NC - draw-out base and kit - rear orientable terminals for horizontal and vertical connection with bars - door sealing
		Frame 1600
		3P 4P
1	0 280 62 0 280 68	In (A) 1000
1	0 280 63 0 280 69	1250
1	0 280 64 0 280 70	1600

Technical characteristics

Trip free switch DMX ³ -I	1600	
Frame	1600	
Rating In (A)	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	AC23A	
Isolation behaviour	Yes	
Short-circuit making capacity Icm (kA)	220 / 240 V \sim	105
	380 / 415 V \sim	105
	440 / 460 V \sim	105
	480 / 500 V \sim	105
	600 V \sim	88
	690 V \sim	88
Short time withstand current Icw (kA) for t = 1 s	220 / 240 V \sim	50
	380 / 415 V \sim	50
	440 / 460 V \sim	50
	480 / 500 V \sim	50
	600 V \sim	42
	690 V \sim	42
Endurance (cycles)	mechanical without maintenance	5000
	mechanical with maintenance	10000
	electrical	1500 at 690 V / 3000 at 415 V
Temperature	operation	-5°C to +70°C
	storage	-25°C to +85°C

Temperature derating

Fixed / draw-out version

DMX ³ -I 1600	Temperature									
	40°C		50°C		60°C		65°C		70°C	
	I _{max} (A)	I _r / I _n	I _{max} (A)	I _r / I _n	I _{max} (A)	I _r / I _n	I _{max} (A)	I _r / I _n	I _{max} (A)	I _r / I _n
	1000	1	1000	1	1000	1	1000	1	1000	0.95
	1250	1	1250	1	1250	1	1187	0.95	1125	0.9
	1600	1	1600	1	1328	0.83	1280	0.8	1216	0.76



Pack	Cat.No	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 DMX ³ , 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 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. 0 281 87 is not mounted)
		Locking
		Key locking in «open» position
1	0 281 78	1 lock + 1 Ronis type flat key (n° ABA90GEL6149) random
1	0 281 79	1 lock + 1 Ronis type flat key (n° ABA90GEL6149) fixed (cod. EL43525)
1	0 281 80	1 lock + 1 Ronis type flat key (n° ABA90GEL6149) fixed (cod. EL43363)
1	0 281 81	1 lock + 1 Profalux type star key (n° HBA90GPS6149) random
		Key locking in the draw-out position Mounting of the lock on the base
1	0 281 82	1 lock with star type key (n° HBA90GPS6149) random
1	0 281 83	1 lock with flat type key (n° ABA90GEL6149) random

Pack	Cat.Nos	Locking (continued)
		Door locking Prevents opening of the door with the circuit breaker closed Left-hand and right-hand side mounting
1	0 281 84	
		Padlock Padlock for buttons
1	0 281 77	
		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 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
		Front terminals
		For frontal connection For DMX ³ Frame 1600 fixed version
1	0 281 55 0 281 56	
1	0 281 57 0 281 58	For DMX ³ Frame 1600 draw-out version
		Spreaders for DMX³ Frame 1600 fixed and draw-out versions To be fixed onto orientable rear terminals of the circuit breaker
		For connection with bars (horizontal use)
		Insulation shields
		For fixed version For DMX ³ /DMX ³ -I Frame 1600
1	0 281 49 0 281 50	
		For draw-out version For DMX ³ /DMX ³ -I Frame 1600
1	0 281 51 0 281 52	

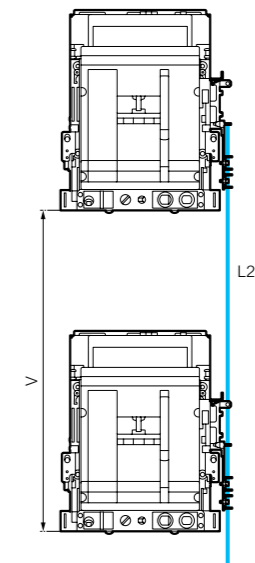
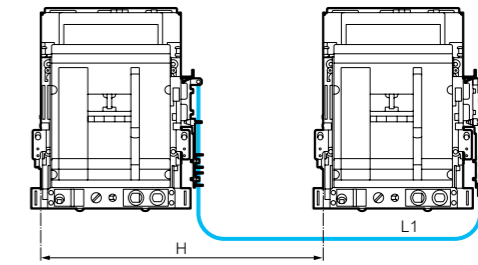
Equipment for DMX³ 1600 transfer switches



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 length to be specified according to every configuration - see below) Interlock for DMX ³ frame 1600
1	0 281 90	
		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

Equipment for DMX³ 1600 transfer switches - Installation principle

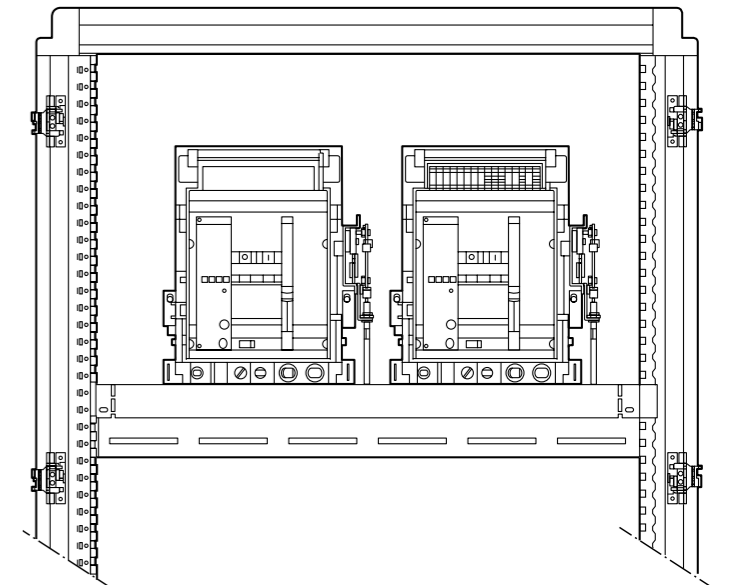
Choice of cable interlock



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.



DPX³ - MCCB's

electrical characteristics

	DPX ³ 160 thermal magnetic				DPX ³ 250 thermal magnetic				DPX ³ 250 electronic release				DPX ³ 630 thermal magnetic				DPX ³ 630 electronic release				DPX ³ 1600 thermal magnetic				DPX ³ 1600 electronic release															
DEVICES	DPX ³ 160 thermal magnetic				DPX ³ 250 thermal magnetic				DPX ³ 250 electronic release				DPX ³ 630 thermal magnetic				DPX ³ 630 electronic release				DPX ³ 1600 thermal magnetic				DPX ³ 1600 electronic release															
Mounting	On rail or on plate				On rail or on plate				On rail or on plate				On plate				On plate				On plate				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	70 kA	25 kA	36 kA	50 kA	70 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~	16	25	36	50	25	36	50	70	25	36	50	70					36	50	70	100	36	50	70	100	36	50	70	100	36	50	70	100								
220/240 V~	25	35	50	65	40	60	100	100	40	60	100	100					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	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.bs)				690 V (500 V with integrated e.l.c.bs)				690 V (500 V with integrated e.l.c.bs)				690 V~				690 V~				690 V~				690 V~															
Category of use	A				A				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				-				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				-				5 to 10 In				-				5 to 10 In				-															
Electronic protection adjustment																																								
S2													Ir = 0.4 - 1 x In				S2		Sg																					
Sg													Ir : 0,4 to 1 In Isd : 1,5 to 10 Ir																											
Ir = 0.4 - 1 x In													•				•		•																					
tr = 3-30 s													•				•		•																					
Isd = 1.5 - 10 Ir													•				•		•																					
tsd (I=K) = 0-500 ms													•				•		•																					
tsd (I²t=K) = 0-500 ms													•				•		•																					
Ig = 0.2 - 1 x In																	•		•																					
Ig = 0.1 - 1 s																	•		•																					
Maximum cable cross-section																																								
Rigid cable	150 mm²				150 mm²				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				120 mm²				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	18 mm				28.5 mm ⁽¹⁾				28.5 mm ⁽¹⁾				32 mm				32 mm				50 mm				50 mm															
Tightening torque	8 Nm				10 Nm				10 Nm				15 Nm				15 Nm				20 Nm				20 Nm															
Nominal current (In) at 40 °C (A)																																								
In (A)	16	25	40	63	80	100	125	160	100	160	200	250	40	100	160	250	250	320	400	500	630	250	320	400	500	630	500	630	800	1000	1250	500	630	800	1000	1250	1600			
Phase	16	25	40	63	80	100	125	160	100	160	200	250	40	100	160	250	250	320	400	500	630	250	320	400	500	630	500	630	800	1000	1250	500	630	800	1000	1250	1600			
N	16	25	40	63	80	100	125	160	100	160	200	250	40	100	160	250	250	320	400	500	630	0 - 50 - 100 % of phase value				500	630	800	1000	1250	0 - 50 - 100 % of phase value									
N/2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	250	250	250	320	-				-	-	-	500	630	-									
Magnetic threshold (Im) (A) ⁽²⁾ of DPX ³ thermal magnetic																																								
In (A)	Fixed				Adjustable				Adjustable				Adjustable																											
Phase	400	400	400	630	800	1000	1250	1600	125-250	200-400	315-630	500-1000	-	-	-	-	1250-2500	1600-3200	2000-4000	2500-5000	3150-6300	-	-	-	-	-	500	630	800	1000	1250	-	-	-	-	-				
N	400	400	400	630	800	1000	1250	1600	125-250	200-400	315-630	500-1000	-	-	-	-	1250-2500	1600-3200	2000-4000	2500-5000	3150-6300	-	-	-	-	-	500	630	800	1000	1250	-	-	-	-	-				
N/2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1000-2000	1250-2500	1600-2500	2000-4000	-	-	-	-	-	-	-	-	2500-5000	3150-6000	-	-	-	-	-				
Endurance (cycles)																																								
Electrical	8000				8000				8000				5000				5000				4000				4000															
Mechanical	25000				20000				20000				10000				20000				10000				10000															
Electronic earth leakage module																																								
Type	without or integrated				without or integrated				without or integrated				downstream e.l.c.bs.				downstream e.l.c.bs.				-				-															

1: Copper bars only
2: Trip current for 50/60 Hz. For direct current, multiply by 1.5

DPX³ 160 thermal magnetic

MCCBs from 16 to 160 A



Can be mounted on rail or on plate in XL³ 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
 Can be fitted with DPX³ 160 and 250 common auxiliaries and accessories
 Conform to AS/NZS 60947-2

Pack	Cat.Nos		MCCBs - 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)
			Breaking capacity Icu 16 kA (400 V_~)
	3P	4P	In (A)
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

Pack	Cat.Nos	MCCBs 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)
		Breaking capacity Icu 16 kA (400 V_~)
		In (A)
	4P	
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 160 equipment and mounting

accessories



Pack	Cat.Nos	Equipment for plug-in version
		A plug-in version DPX ³ is a fixed version DPX ³ mounted on a plug-in base
		Plug-in bases for DPX³ 160
1	4 210 40	Front or rear terminal mounting base
1	4 210 41	For DPX ³ 160 - 3P
		For DPX ³ 160 - 4P with or without earth leakage module
		Connectors for auxiliary contacts
1	4 210 44	Set of connectors
		Padlocks for plug-in base
1	4 210 45	Key barrel and flat key N° ABA90GEL6149
1	4 210 46	Key barrel and star key N° HBA90GPS6149
1	4 210 47	Padlock accessory

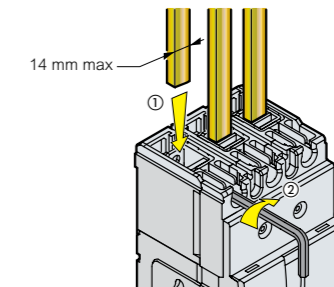
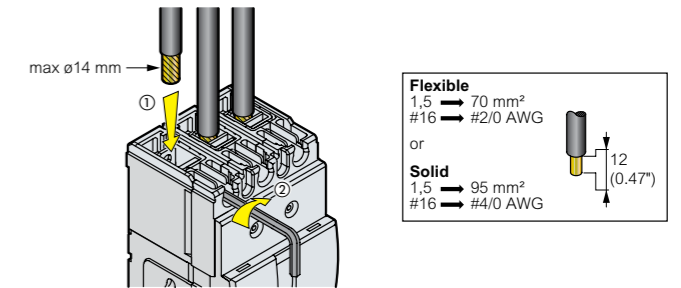
Pack	Cat.Nos	Connection accessories
		High capacity cage terminals
		For Cu/Al cables, 1 x 120 mm ² for flexible cables and 1 x 150 mm ² for rigid cable and 18 mm bars
1	4 210 26	Set of 3 terminals
1	4 210 27	Set of 4 terminals
		Cage terminals
		For Cu/Al cables, 1 x 70 mm ² for flexible cables and 1 x 95 mm ² 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 DPX ³ 160 3P
1	4 210 33	Set of 4 spreaders for DPX ³ 160 4P
		Rear terminals
		Flat swivel terminals Used to convert a fixed version with front terminals to a fixed version with rear terminals
1	4 210 36	Set of 3 rear terminals for DPX ³ 160 3P
1	4 210 37	Set of 4 rear terminals for DPX ³ 160 4P
		Sealable terminal shields
		For front terminals
1	4 210 54	For DPX ³ 160 3P
1	4 210 55	For DPX ³ 160 4P
		For rear terminals
1	4 210 50	For DPX ³ 160 3P
1	4 210 51	For DPX ³ 160 4P
		Fixing plates
		For fixing DPX ³ 160 on rail or on plate
1	4 210 71	For DPX ³ 160 3P/4P without earth leakage module
1	4 210 73	For DPX ³ 160 4P with earth leakage module
1	4 210 68	For DPX ³ 160 3P/4P with side mounting motor operator

DPX³ 160

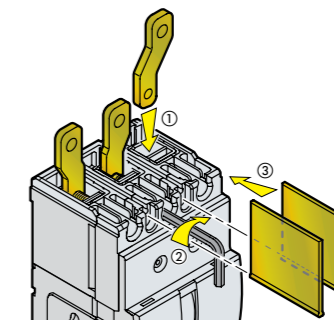
connection

Connection

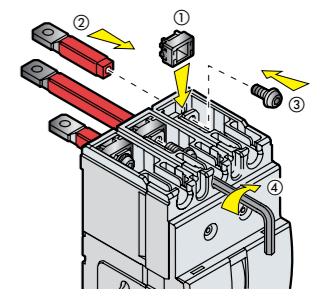
Direct connection



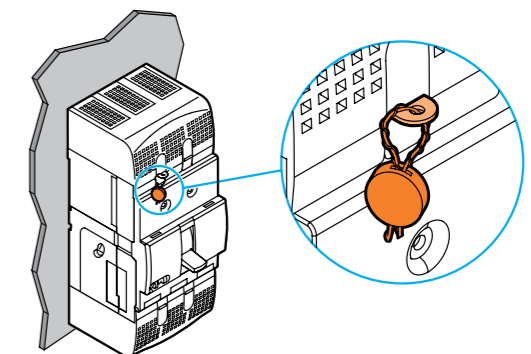
Spreaders



Rear terminals



Sealable terminal shield



For Dimensions
Scan the QR Code



DPX³ 250 thermal magnetic

MCCBs from 100 to 250 A



Can be mounted on rail or on plate in XL³ 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
 and with DPX³ 160 and 250 common auxiliaires and accessories
 Conform to AS/NZS 60947-2

Pack	Cat.Nos		MCCBs - fixed version
			Thermal adjustable from 0,8 to 1 In Magnetic adjustable from 5 to 10 In
			Breaking capacity Icu 25 kA (400 V~)
	3P	4P	In (A)
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
			Breaking capacity Icu 70 kA (400 V~)
1	4 206 05	4 206 15	100
1	4 206 07	4 206 17	160
1	4 206 08	4 206 18	200
1	4 206 09	4 206 19	250

Pack	Cat.Nos	MCCBs 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)
		Breaking capacity Icu 25 kA (400 V~)
		In (A)
	4P	
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
		Breaking capacity Icu 70 kA (400 V~)
1	4 206 25	100
1	4 206 27	160
1	4 206 28	200
1	4 206 29	250

DPX³ 250 electronic release

MCCBs from 40 to 250 A



Can be mounted on rail or on plate in XL³ 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
 and with DPX³ 160 and 250 common auxiliaires and accessories
 Conform to AS/NZS 60947-2

Pack	Cat.Nos		MCCBs - fixed version
			Protection against overloads: I _r adjustable from 0.4 to 1 x I _n t _r adjustable from 3 to 15s Protection against short circuits: I _{sd} adjustable from 1.5 to 10 x I _r t _{sd} adjustable from 0 to 0.5s
			Breaking capacity Icu 25 kA (400 V~)
			In (A)
	3P	4P	
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
			Breaking capacity Icu 70 kA (400 V~)
1	4 206 35	4 206 45	40
1	4 206 37	4 206 47	100
1	4 206 38	4 206 48	160
1	4 206 39	4 206 49	250

Pack	Cat.Nos	MCCBs with electronic earth leakage module - fixed version
		Protection against overloads: I _r adjustable from 0.4 to 1 x I _n t _r adjustable from 3 to 15s Protection against short circuits: I _{sd} adjustable from 1.5 to 10 x I _r t _{sd} 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)
		Breaking capacity Icu 25 kA (400 V~)
		In (A)
	4P	
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
		Breaking capacity Icu 70 kA (400 V~)
1	4 206 55	40
1	4 206 57	100
1	4 206 58	160
1	4 206 59	250

DPX³ 250 electronic release

MCCBs from 40 to 250 A (continued)



4 206 79

4 204 25

Can be mounted on rail or on plate in XL³ 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
 and with DPX³ 160 and 250 common auxiliaires and accessories
 Conform to AS/NZS 60947-2

Pack	Cat.Nos		MCCBs with energy metering central unit - fixed version
			Protection against overloads: I _r adjustable from 0.4 to 1 x I _n t _r adjustable from 3 to 15s Protection against short circuits: I _{sd} adjustable from 1.5 to 10 x I _r t _{sd} adjustable from 0 to 0.5s Integrated energy metering central unit with LCD screen; currents, voltage, frequency, power, energy and harmonics
			Breaking capacity I_{cu} 25 kA (400 V_~)
	3P	4P	In (A)
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 I_{cu} 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 I_{cu} 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
			Breaking capacity I_{cu} 70 kA (400 V_~)
1	4 206 65	4 206 75	40
1	4 206 67	4 206 77	100
1	4 206 68	4 206 78	160
1	4 206 69	4 206 79	250

Pack	Cat.Nos		MCCBs with energy metering central unit and electronic earth leakage module - fixed version
			Protection against overloads: I _r adjustable from 0.4 to 1 x I _n t _r adjustable from 3 to 15s Protection against short circuits: I _{sd} adjustable from 1.5 to 10 x I _r t _{sd} 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
			Breaking capacity I_{cu} 25 kA (400 V_~)
			In (A)
1	4 204 22	4 204 22	40
1	4 204 25	4 204 25	100
1	4 204 27	4 204 27	160
1	4 204 29	4 204 29	250
			Breaking capacity I_{cu} 36 kA (400 V_~)
1	4 204 52	4 204 52	40
1	4 204 55	4 204 55	100
1	4 204 57	4 204 57	160
1	4 204 59	4 204 59	250
			Breaking capacity I_{cu} 50 kA (400 V_~)
1	4 204 82	4 204 82	40
1	4 204 85	4 204 85	100
1	4 204 87	4 204 87	160
1	4 204 89	4 204 89	250
			Breaking capacity I_{cu} 70 kA (400 V_~)
1	4 206 85	4 206 85	40
1	4 206 87	4 206 87	100
1	4 206 88	4 206 88	160
1	4 206 89	4 206 89	250

DPX³ 250 electronic release

MCCBs from 40 to 250 A (continued)



4 205 49

Can be mounted on rail or on plate in XL³ 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 and with DPX³ 160 and 250 common auxiliaires and accessories
 Conform to AS/NZS 60947-2

Pack	Cat.Nos		Electronic release Sg MCCBs - fixed version
			Protection against overloads: I _r adjustable from 0.4 to 1 x I _n t _r adjustable from 3 to 15s Protection against short circuits: I _{sd} adjustable from 1.5 to 10 x I _r t _{sd} adjustable from 0 to 0.5s Protection against earth fault: I _g adjustable: from 0.2 to 1 x I _n and OFF position t _g adjustable from 0.1 to 1s
			Breaking capacity I_{cu} 25 kA (400 V_~)
			In (A)
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 I_{cu} 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 I_{cu} 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
			Breaking capacity I_{cu} 70 kA (400 V_~)
1	4 206 92	4 207 02	40
1	4 206 95	4 207 05	100
1	4 206 97	4 207 07	160
1	4 206 99	4 207 09	250

DPX³ 250 equipment and mounting accessories



4 210 44

4 210 31

Pack	Cat.Nos	Equipment for plug-in version
		A plug-in version DPX ³ is a fixed version DPX ³ mounted on a plug-in base
		Plug-in bases for DPX³ 250
1	4 210 42	Front or rear terminal mounting base
1	4 210 43	For DPX ³ 250 - 3P
		For DPX ³ 250 - 4P with or without earth leakage module
		Connectors for auxiliary contacts
1	4 210 44	Set of connectors
		Padlocks for plug-in base
1	4 210 45	Key barrel and flat key N° ABA90GEL6149
1	4 210 46	Key barrel and star key N° HBA90GPS6149
1	4 210 47	Padlock accessory
		Connection accessories
		Cage terminals
		For Cu/Al cables, 1 x 120 mm ² for flexible cables and 1 x 150 mm ² 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 DPX ³ 250 3P
1	4 210 35	Set of 4 spreaders for DPX ³ 250 4P
		Rear terminals
		Flat swivel terminals
		Used to convert a fixed version with front terminals to a fixed version with rear terminals
1	4 210 38	Set of 3 rear terminals for DPX ³ 250 3P
1	4 210 39	Set of 4 rear terminals for DPX ³ 250 4P
		Sealable terminal shields
		For front terminals
1	4 210 56	For DPX ³ 250 3P
1	4 210 57	For DPX ³ 250 4P
		For rear terminals
1	4 210 52	For DPX ³ 250 3P
1	4 210 53	For DPX ³ 250 4P
		Fixing plates
		For fixing DPX ³ 250 on rail or on plate
1	4 210 72	For DPX ³ 250 3P/4P without earth leakage module
1	4 210 74	For DPX ³ 250 4P with earth leakage module
1	4 210 69	For DPX ³ 250 3P/4P with side mounting motor operator

DPX³ 160 and 250 common auxiliaries and accessories



Pack	Cat.Nos	Supply inverter type
1	4 210 58	Plate for mounting and interlocking of 2 DPX ³ For 2 DPX ³ 160 or 2 DPX ³ 250 or 1 DPX ³ 160 and 1 DPX ³ 250
1	4 210 59	For fixed version For plug-in and draw-out version
Rotary handles		
Direct on DPX		
1	420 160	Standard handle
Vari-depth handles		
For all version of DPX ³		
1	4 201 61	Standard handle
1	4 210 05	Handle for emergency use
Locking accessories		
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
Motor-driven handles		
Motor operators 24 to 230 V~ / =		
1	4 210 60	Side motor operator
1	4 210 61	Front motor operator
Locking accessories		
1	4 210 62	Key barrel and flat key N° ABA90GEL6149 for front motor operator
1	4 210 63	Key barrel and star key N° HBA90GPS6149 for front motor operator
1	4 210 64	Padlock for front motor operator
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

Pack	Cat.Nos	Auxiliaries
Auxiliary contacts		
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
1	4 210 48	Signalling contact plugged-in / drawn-out (for DPX ³ plug-in version)
Shunt releases		
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		
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~
Locking accessory		
1	4 210 49	Padlock for locking in "open" position

DPX³ 630

thermal magnetic release MCCBs from 250 to 630 A



Moulded case MCCBs for switching, control isolation and protection of low voltage electrical lines
 Can be fitted with auxiliaries
 Can be used with earth leakage modules or with residual current relays
 Supplied complete with:
 - fixing screws
 - connection plates for bars
 - insulated shields (phase barriers)
 Conform to AS/NZS 60947-2 - Sealable adjustment
 Can be mounted on plate in XL³ cabinets and enclosures

Pack	Cat.Nos	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~)		
1	3P 4 220 00	4P 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~)		
3P 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

Pack	Cat.Nos	MCCBs thermal magnetic release - fixed version (continued)
Breaking capacity Icu 70 kA (400 V~)		
In (A)		
1	3P 4 220 28	4P 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~)		
In (A)		
1	3P 4 220 42	4P 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 630

S1 electronic release MCCBs from 250 to 630 A



4 225 15

Moulded case MCCBs for switching, control isolation and protection of low voltage electrical lines
 Can be fitted with auxiliaries
 Can be used with earth leakage modules or with residual current relays
 Do not accept DPX³ electronic interface for Modbus Cat.No 4 210 75
 Supplied complete with:
 - fixing screws
 - connection plates for bars
 - insulated shields (phase barriers)
 Conform to AS/NZS 60947-2 - Sealable adjustment
 Can be mounted on plate in XL³ cabinets and enclosures

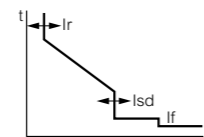
Pack	Cat.Nos	MCCBs electronic release S1 - fixed version
		Adjustment of Ir, Isd (opposite) Instantaneous protection If = 5 kA Green indicator lamp Connector for test unit Dynamic selectivity 4P version: adjustment of neutral on front panel
		Breaking capacity Icu 36 kA (400 V~)
		In (A)
1	4 224 98 4 225 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

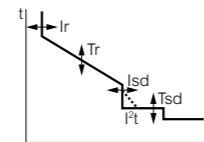
Performance data

S1 - Adjustment of Ir, Isd



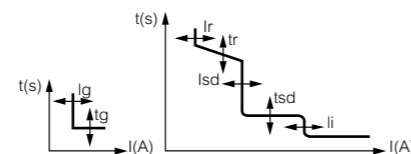
Protection against overloads:
 - Ir adjustable from 0.4 to 1 x In
 Protection against short circuits:
 - Isd adjustable from 1.5 to 10 x Ir
 Instantaneous protection If = 5 kA

S2 - Adjustment of Ir, tr, Isd, tsd



Protection against overloads:
 - Ir adjustable from 0.4 to 1 x In
 - tr adjustable from 3 to 15 s
 Protection against short circuits:
 - Isd adjustable from 1.5 to 10 x Ir
 - tsd adjustable from 0 to 0.5 s

Sg - Adjustment of Ir, tr, Isd, tsd, Ig, tg



Protection against overloads:
 - Ir adjustable from 0.4 to 1 x In
 - tr adjustable from 3 to 15 s
 Protection against short circuits:
 - Isd adjustable from 1.5 to 10 x Ir
 - tsd adjustable from 0 to 0.5 s
 Protection against earth fault:
 - Ig adjustable: from 0.2 to 1 x In and OFF position
 - tg adjustable from 0.1 to 1 s

DPX³ 630

S2 electronic release MCCBs from 250 to 630 A



4 220 60



4 220 65

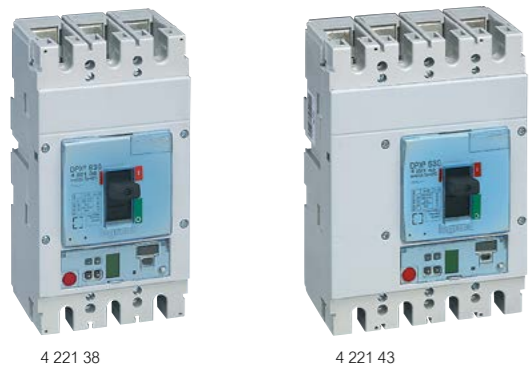
Moulded case MCCBs for switching, control isolation and protection of low voltage electrical lines
 Can be fitted with auxiliaries
 Can be used with earth leakage modules or with residual current relays
 Supplied complete with:
 - fixing screws
 - connection plates for bars
 - insulated shields (phase barriers)
 Conform to AS/NZS 60947-2 - Sealable adjustment
 Can be mounted on plate in XL³ cabinets and enclosures

Pack	Cat.Nos	MCCBs electronic release S2 - fixed version
		Adjustment of Ir, Isd, tr, tsd (p. 137) Instantaneous protection If = 5 kA Green indicator lamp Connector for test unit Logic and dynamic selectivity 4P version: adjustment of neutral on front panel
		Breaking capacity Icu 36 kA (400 V~)
		In (A)
1	4 220 56 4 220 61	250
1	4 220 57 4 220 62	320
1	4 220 58 4 220 63	400
1	4 220 59 4 220 64	500
1	4 220 60 4 220 65	630
		Breaking capacity Icu 50 kA (400 V~)
1	4 220 66 4 220 71	250
1	4 220 67 4 220 72	320
1	4 220 68 4 220 73	400
1	4 220 69 4 220 74	500
1	4 220 70 4 220 75	630
		Breaking capacity Icu 70 kA (400 V~)
1	4 220 76 4 220 81	250
1	4 220 77 4 220 82	320
1	4 220 78 4 220 83	400
1	4 220 79 4 220 84	500
1	4 220 80 4 220 85	630
		Breaking capacity Icu 100 kA (400 V~)
1	4 220 86 4 220 91	250
1	4 220 87 4 220 92	320
1	4 220 88 4 220 93	400
1	4 220 89 4 220 94	500
1	4 220 90 4 220 95	630

Pack	Cat.Nos	MCCBs electronic release S2 with energy metering central unit - fixed version
		Adjustment of Ir, Isd, tr, tsd (p. 137) Instantaneous protection If = 5 kA Green indicator lamp Connector for test unit Logic and dynamic selectivity 4P version: adjustment of neutral on front panel
		Breaking capacity Icu 36 kA (400 V~)
		In (A)
1	4 220 96 4 221 01	250
1	4 220 97 4 221 02	320
1	4 220 98 4 221 03	400
1	4 220 99 4 221 04	500
1	4 221 00 4 221 05	630
		Breaking capacity Icu 50 kA (400 V~)
1	4 221 06 4 221 11	250
1	4 221 07 4 221 12	320
1	4 221 08 4 221 13	400
1	4 221 09 4 221 14	500
1	4 221 10 4 221 15	630
		Breaking capacity Icu 70 kA (400 V~)
1	4 221 16 4 221 21	250
1	4 221 17 4 221 22	320
1	4 221 18 4 221 23	400
1	4 221 19 4 221 24	500
1	4 221 20 4 221 25	630
		Breaking capacity Icu 100 kA (400 V~)
1	4 221 26 4 221 31	250
1	4 221 27 4 221 32	320
1	4 221 28 4 221 33	400
1	4 221 29 4 221 34	500
1	4 221 30 4 221 35	630

DPX³ 630

Sg electronic release MCCBs from 250 to 630 A



Moulded case MCCBs for switching, control isolation and protection of low voltage electrical lines
 Can be fitted with auxiliaries
 Can be used with earth leakage modules or with residual current relays
 Supplied complete with:
 - fixing screws
 - connection plates for bars
 - insulated shields (phase barriers)
 Conform to AS/NZS 60947-2 - Sealable adjustment
 Can be mounted on plate in XL³ cabinets and enclosures

Pack	Cat.Nos		MCCBs electronic release Sg - fixed version
	3P	4P	Adjustment of I _r , I _{sd} , I _g , t _r , t _{sd} , t _g (p. 137) Instantaneous protection I _f = 5 kA Green indicator lamp Connector for test unit Logic and dynamic selectivity 4P version: adjustment of neutral on front panel
			Breaking capacity I_{cu} 36 kA (400 V~)
1	4 221 36	4 221 41	In (A) 250
1	4 221 37	4 221 42	320
1	4 221 38	4 221 43	400
1	4 221 39	4 221 44	500
1	4 221 40	4 221 45	630
			Breaking capacity I_{cu} 50 kA (400 V~)
1	4 221 46	4 221 51	250
1	4 221 47	4 221 52	320
1	4 221 48	4 221 53	400
1	4 221 49	4 221 54	500
1	4 221 50	4 221 55	630
			Breaking capacity I_{cu} 70 kA (400 V~)
1	4 221 56	4 221 61	250
1	4 221 57	4 221 62	320
1	4 221 58	4 221 63	400
1	4 221 59	4 221 64	500
1	4 221 60	4 221 65	630
			Breaking capacity I_{cu} 100 kA (400 V~)
1	4 221 66	4 221 71	250
1	4 221 67	4 221 72	320
1	4 221 68	4 221 73	400
1	4 221 69	4 221 74	500
1	4 221 70	4 221 75	630

Pack	Cat.Nos		MCCBs electronic release Sg with energy metering central unit - fixed version
			Adjustment of I _r , I _{sd} , I _g , t _r , t _{sd} , t _g (p. 137) Instantaneous protection I _f = 5 kA Green indicator lamp Connector for test unit Logic and dynamic selectivity 4P version: adjustment of neutral on front panel
			Breaking capacity I_{cu} 36 kA (400 V~)
1	4 221 76	4 221 81	In (A) 250
1	4 221 77	4 221 82	320
1	4 221 78	4 221 83	400
1	4 221 79	4 221 84	500
1	4 221 80	4 221 85	630
			Breaking capacity I_{cu} 50 kA (400 V~)
1	4 221 86	4 221 91	250
1	4 221 87	4 221 92	320
1	4 221 88	4 221 93	400
1	4 221 89	4 221 94	500
1	4 221 90	4 221 95	630
			Breaking capacity I_{cu} 70 kA (400 V~)
1	4 221 96	4 222 01	250
1	4 221 97	4 222 02	320
1	4 221 98	4 222 03	400
1	4 221 99	4 222 04	500
1	4 222 00	4 222 05	630
			Breaking capacity I_{cu} 100 kA (400 V~)
1	4 222 06	4 222 11	250
1	4 222 07	4 222 12	320
1	4 222 08	4 222 13	400
1	4 222 09	4 222 14	500
1	4 222 10	4 222 15	630

DPX³ 630

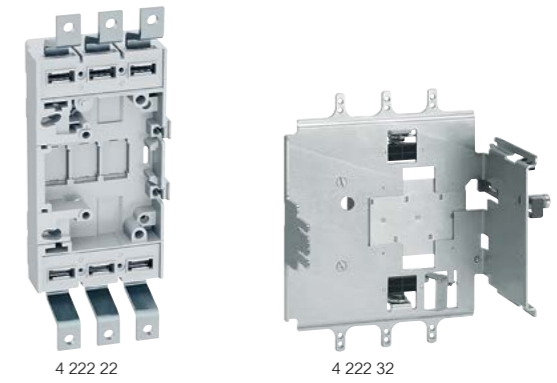
earth leakage modules



Pack	Cat.Nos		Earth leakage modules
			Can be fitted onto DPX ³ /DPX ³ -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
1	3P	4P	In (A) 400
1	0 260 60	0 260 61	400
1	0 260 64	0 260 65	630
			LED version
1		4P	In (A) 400
1		0 260 63	400
1		0 260 67	630

DPX³ 630

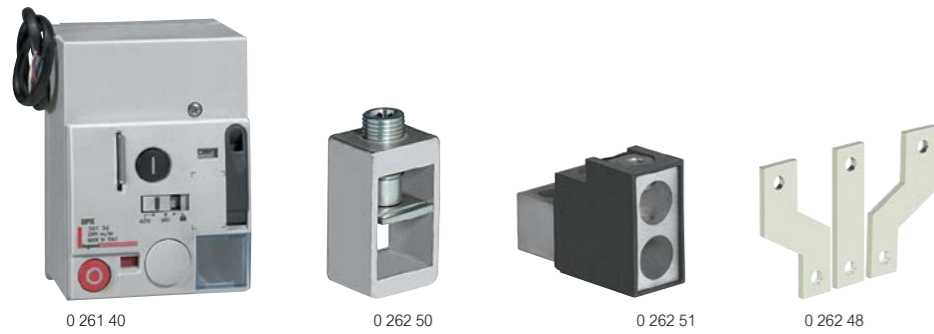
equipment and accessories



Pack	Cat.Nos		Plug-in version
			A plug-in is a DPX ³ fitted with special terminals and mounted on a plug-in base
1	3P	4P	Special terminals for plug-in/draw-out base Set of incoming and outgoing terminals (6 terminals for 3P DPX ³ or 8 terminals for 4P DPX ³)
1	4 222 20	4 222 21	Bases for DPX³ only Accept DPX ³ /DPX ³ -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
			Bases for DPX³ with earth leakage module
1		4P	Front terminal mounting base
1		4 222 26	Flat rear terminal mounting base
			Accessories
1			Set of 2 extractor handle
1			Set of connectors (24-pin)
			Draw-out version
			A DPX ³ draw-out version is a plug-in DPX ³ fitted with a "Debro-lift" mechanism which can be used to withdraw the DPX ³ while keeping it on its base
			"Debro-lift" mechanism
1	3P	4P	Supplied with a rigid slide and handle for drawing-out
1	4 222 31	4 222 32	For DPX ³ base only
1		4 222 33	For DPX ³ base with earth leakage module
			Key-lock for "Debro-lift" mechanism
			Enable locking of DPX ³ in drawn-out position
			Flat key n°HBA90GPS6149
			Star key n°ABA90GEL6149
1	Flat key	Star key	One key for DPX ³ only
1	0 265 76	0 263 48	Two keys (one key supplied) for motorised DPX ³ or with rotary handle
1	0 265 78	0 265 77	
			Accessories for "Debro-lift" mechanism
1			Handle for drawing-out
1			Signalling contact (plugged-in/drawn-out)
			Auxiliary contacts
1			Automatic auxiliary contacts for DPX ³ draw-out version (up to 2 contacts by DPX ³)
			Supply inverter type
			Factory assembled
1			A supply inverter type is composed of one plate with interlock for 2 devices
1			Plate for MCCB or trip-free switch fixed version
1			Plate for MCCB or trip-free switch plug-in and draw-out version

DPX³ 630

equipment and accessories (continued)

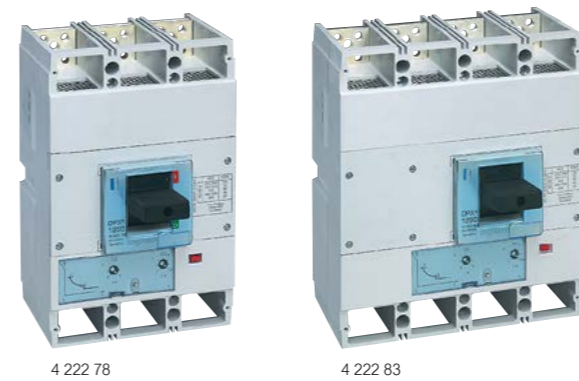


Pack	Cat.Nos	Rotary handles
1	420 162	Direct on DPX³
1	4 222 38	Standard (grey) For emergency use (red/yellow) - can be fitted on Cat.Nos 0 262 22, 0 262 41 or 0 262 81
		Vari-depth handle IP 55 Comprising: connection rod, bracket, self-adhesive drilling template, mounting accessories and door lock mechanism
1	420 163	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 For vary-depth handle
1	0 262 93	Key barrel and flat key N° ABA90GEL6149
1	0 262 94	Key barrel and star key N° HBA90GPS6149
		Motor-driven handles
		Front operated
1	0 261 40	24 V~ / =
1	0 261 41	48 V~ / =
1	0 261 44	230 V~
		Accessories
1	0 261 59	Lock and flat key N° ABA90GEL6149
1	0 261 58	Lock and star key N° HBA90GPS6149

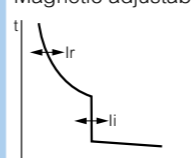
Pack	Cat.Nos	Accessories
1	0 262 30	Insulated shields (phase barriers) Set of 3
1	3P 4P 0 262 44 0 262 45	Sealable terminal shields Set of 2
1	0 262 40	Padlock For locking in "OPEN" position
1	0 262 50	Cage terminals Set of 4 terminals for cable 300 mm ² max. (rigid) or 240 mm ² max. (flexible)
1	0 262 51	Set of 4 high-capacity terminals for cable 2 x 240 mm ² (rigid) or 2 x 185 mm ² (flexible)
1	0 262 46	Adaptor for lug For connecting bare cables with wide lugs Set of 4 adaptors + insulated shields
1	0 262 47	Extended front terminals Set of 4
1	3P 4P 0 262 48 0 262 49	Spreaders 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
1	4 222 34 4 222 35	IP 20 terminal covers Set of 2 terminal covers

DPX³ 1600

thermal magnetic release MCCBs from 630 to 1250 A



Moulded case MCCBs for switching, control isolation and protection of low voltage electrical lines
Can be fitted with auxiliaries
Can be used with residual current relays
Supplied complete with:
- connection plates for bars
- insulated shields (phase barriers)
Conform to AS/NZS 60947-2 - Sealable adjustment
Can be mounted on plate in XL³ cabinets and enclosures

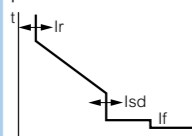
Pack	Cat.Nos	MCCBs thermal magnetic release fixed version
		Thermal adjustable from 0.8 to 1 In Magnetic adjustable from 5 to 10 In
		
		Breaking capacity Icu 36 kA (400 V~)
1	3P 4P 4 222 51 4 222 56	In (A) 630
1	4 222 52 4 222 57	800
1	4 222 53 4 222 58	1000
1	4 222 54 4 222 59	1250
		3P + N/2
1	4 222 60	1000
1	4 222 61	1250
		Breaking capacity Icu 50 kA (400 V~)
		In (A)
1	3P 4P 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~)
		In (A)
1	3P 4P 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~)
		In (A)
1	3P 4P 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



Moulded case MCCBs for switching, control isolation and protection of low voltage electrical lines
Can be fitted with auxiliaries
Can be used with residual current relays
Supplied complete with:
- connection plates for bars
- insulated shields (phase barriers)
Conform to AS/NZS 60947-2 - Sealable adjustment
Can be mounted on plate in XL³ cabinets and enclosures

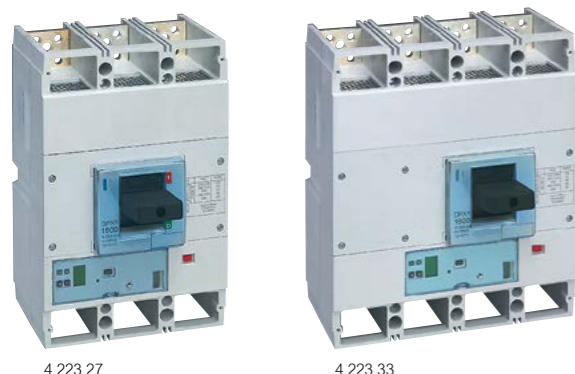
Pack	Cat.Nos	MCCBs electronic release S1 fixed version
		Adjustment of Ir, I _{sd} (p. 137) Instantaneous protection I _f = 20 kA Green indicator lamp Connector for test unit Dynamic selectivity 4P version: adjustment of neutral on front panel
		
		Breaking capacity Icu 36 kA (400 V~)
		In (A)
1	3P 4P 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~)
		In (A)
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~)
		In (A)
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~)
		In (A)
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

For DPX 1600 electronic release S1 please contact Legrand



DPX³ 1600

S2 electronic release MCCBs from 630 to 1600 A



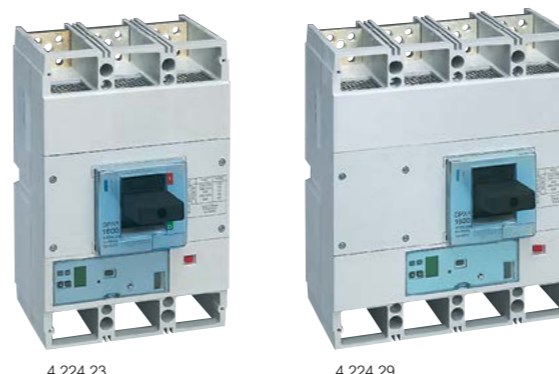
Moulded case MCCBs for switching, control isolation and protection of low voltage electrical lines
 Can be fitted with auxiliaries
 Can be used with residual current relays
 Supplied complete with:
 - connection plates for bars
 - insulated shields (phase barriers)
 Conform to AS/NZS 60947-2 - Sealable adjustment
 Can be mounted on plate in XL³ cabinets and enclosures

Pack	Cat.Nos		MCCBs electronic release S2 fixed version
	3P	4P	Adjustment of I _r , I _{sd} , t _r , t _{sd} (p. 137) Instantaneous protection I _f = 20 kA Green indicator lamp Connector for test unit Logic and dynamic selectivity 4P version: adjustment of neutral on front panel
			Breaking capacity I_{cu} 36 kA (400 V~)
1	4 222 99	4 223 05	In (A) 630
1	4 223 00	4 223 06	800
1	4 223 01	4 223 07	1000
1	4 223 02	4 223 08	1250
1	4 223 03	4 223 09	1600
			Breaking capacity I_{cu} 50 kA (400 V~)
1	4 223 11	4 223 17	630
1	4 223 12	4 223 18	800
1	4 223 13	4 223 19	1000
1	4 223 14	4 223 20	1250
1	4 223 15	4 223 21	1600
			Breaking capacity I_{cu} 70 kA (400 V~)
1	4 223 23	4 223 29	630
1	4 223 24	4 223 30	800
1	4 223 25	4 223 31	1000
1	4 223 26	4 223 32	1250
1	4 223 27	4 223 33	1600
			Breaking capacity I_{cu} 100 kA (400 V~)
1	4 223 35	4 223 41	630
1	4 223 36	4 223 42	800
1	4 223 37	4 223 43	1000
1	4 223 38	4 223 44	1250

Pack	Cat.Nos		MCCBs electronic release S2 with energy metering central unit fixed version
	3P	4P	Adjustment of I _r , I _{sd} , t _r , t _{sd} (p. 137) Instantaneous protection I _f = 20 kA Green indicator lamp Connector for test unit Logic and dynamic selectivity 4P version: adjustment of neutral on front panel
			Breaking capacity I_{cu} 36 kA (400 V~)
1	4 223 47	4 223 53	In (A) 630
1	4 223 48	4 223 54	800
1	4 223 49	4 223 55	1000
1	4 223 50	4 223 56	1250
1	4 223 51	4 223 57	1600
			Breaking capacity I_{cu} 50 kA (400 V~)
1	4 223 59	4 223 65	630
1	4 223 60	4 223 66	800
1	4 223 61	4 223 67	1000
1	4 223 62	4 223 68	1250
1	4 223 63	4 223 69	1600
			Breaking capacity I_{cu} 70 kA (400 V~)
1	4 223 71	4 223 77	630
1	4 223 72	4 223 78	800
1	4 223 73	4 223 79	1000
1	4 223 74	4 223 80	1250
1	4 223 75	4 223 81	1600
			Breaking capacity I_{cu} 100 kA (400 V~)
1	4 223 83	4 223 89	630
1	4 223 84	4 223 90	800
1	4 223 85	4 223 91	1000
1	4 223 86	4 223 92	1250

DPX³ 1600

Sg electronic release MCCBs from 630 to 1600 A



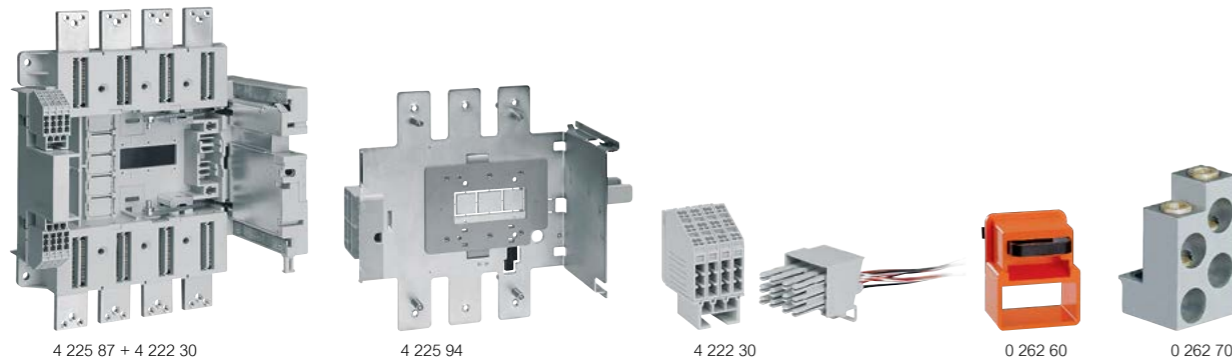
Moulded case MCCBs for switching, control isolation and protection of low voltage electrical lines
 Can be fitted with auxiliaries
 Can be used with residual current relays
 Supplied complete with:
 - connection plates for bars
 - insulated shields (phase barriers)
 Conform to AS/NZS 60947-2 - Sealable adjustment
 Can be mounted on plate in XL³ cabinets and enclosures

Pack	Cat.Nos		MCCBs electronic release Sg fixed version
	3P	4P	Adjustment of I _r , I _{sd} , I _g , t _r , t _{sd} , t _g (p. 137) Instantaneous protection I _f = 20 kA Green indicator lamp Connector for test unit Logic and dynamic selectivity 4P version: adjustment of neutral on front panel
			Breaking capacity I_{cu} 36 kA (400 V~)
1	4 223 95	4 224 01	In (A) 630
1	4 223 96	4 224 02	800
1	4 223 97	4 224 03	1000
1	4 223 98	4 224 04	1250
1	4 223 99	4 224 05	1600
			Breaking capacity I_{cu} 50 kA (400 V~)
1	4 224 07	4 224 13	630
1	4 224 08	4 224 14	800
1	4 224 09	4 224 15	1000
1	4 224 10	4 224 16	1250
1	4 224 11	4 224 17	1600
			Breaking capacity I_{cu} 70 kA (400 V~)
1	4 224 19	4 224 25	630
1	4 224 20	4 224 26	800
1	4 224 21	4 224 27	1000
1	4 224 22	4 224 28	1250
1	4 224 23	4 224 29	1600
			Breaking capacity I_{cu} 100 kA (400 V~)
1	4 224 31	4 224 37	630
1	4 224 32	4 224 38	800
1	4 224 33	4 224 39	1000
1	4 224 34	4 224 40	1250

Pack	Cat.Nos		MCCBs electronic release Sg with energy metering central unit fixed version
	3P	4P	Adjustment of I _r , I _{sd} , I _g , t _r , t _{sd} , t _g (p. 137) Instantaneous protection I _f = 20 kA Green indicator lamp Connector for test unit Logic and dynamic selectivity 4P version: adjustment of neutral on front panel
			Breaking capacity I_{cu} 36 kA (400 V~)
1	4 224 43	4 224 49	In (A) 630
1	4 224 44	4 224 50	800
1	4 224 45	4 224 51	1000
1	4 224 46	4 224 52	1250
1	4 224 47	4 224 53	1600
			Breaking capacity I_{cu} 50 kA (400 V~)
1	4 224 55	4 224 61	630
1	4 224 56	4 224 62	800
1	4 224 57	4 224 63	1000
1	4 224 58	4 224 64	1250
1	4 224 59	4 224 65	1600
			Breaking capacity I_{cu} 70 kA (400 V~)
1	4 224 67	4 224 73	630
1	4 224 68	4 224 74	800
1	4 224 69	4 224 75	1000
1	4 224 70	4 224 76	1250
1	4 224 71	4 224 77	1600
			Breaking capacity I_{cu} 100 kA (400 V~)
1	4 224 79	4 224 85	630
1	4 224 80	4 224 86	800
1	4 224 81	4 224 87	1000
1	4 224 82	4 224 88	1250

DPX³ 1600

equipment and accessories



Pack	Cat.Nos	Draw-out version
		A DPX ³ draw-out version is a DPX ³ fitted with draw-out base and a "Debro-lift" mechanism which can be used to withdraw the DPX ³ while keeping it on its base
		Draw-out base For DPX ³ 1600 equipped with "Debro-lift" mechanism Cat.No 4 225 93 or 4 225 94
1	3P 4 225 86 4 225 87	Front terminals
1	4 225 88 4 225 89	Rear terminals
1	4 225 93 4 225 94	Debro-lift mechanism For DPX ³ 1600 To be fitted on a DPX ³ 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 DPX ³ in drawn-out position Flat key n°HBA90GPS6149 Star key n°ABA90GEL6149
1	Flat key 0 265 76 Star key 0 263 48	One key for DPX ³ only
1	0 265 80 0 265 79	Two key (one key supplied) for motorised DPX ³ or with rotary handle
1	0 265 75	Accessories for "Debro-lift" mechanism Handle for drawing-out
1	0 265 74	Signalling contact (plugged-in/drawn-out)
1	4 222 30	Auxiliary contacts Automatic auxiliary contacts for DPX ³ draw-out version (up to 2 contacts by DPX ³)
		Supply inverter type
1	0 264 10	A supply inverter type is composed of one plate with interlock for 2 devices
1	0 264 05	Plate for MCCBs or trip-free switch fixed version Plate for MCCBs or trip-free switch plug-in and draw-out version
		Rotary handles
1	0 262 61	Direct on DPX³ Standard (black)
		Vari-depth handle IP 55 Comprising: connection rod, bracket, self-adhesive drilling template, mounting accessories and door lock mechanism Standard (black)
1	0 262 83	For emergency use (red/yellow)
1	0 262 84	
1	0 262 93	Locking accessories Key barrel and flat key N° ABA90GEL6149
1	0 262 94	Key barrel and star key N° HBA90GPS6149

Pack	Cat.Nos	Motor-driven handles
		Factory assembled Front operated 230 V~
1	0 261 54	
		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 Key and flat key N° ABA90GEL6149 Key and star key N° HBA90GPS6149
1	0 261 59	
1	0 261 58	
		Accessories
		Insulated shields (phase barriers) Used to isolate the connections between each pole Set of 3
1	0 262 66	
		Sealable terminal shields Set of 2
1	3P 0 262 64 4P 0 262 65	
		Padlock For locking in "open" position
1	0 262 60	
		Cage terminals Set of 1 terminal for cables without lug 2 x 240 mm ² for rigid cable or 2 x 185 mm ² for flexible cable Set of 1 high-capacity terminal for cables without lug 4 x 240 mm ² for rigid cable 4 x 185 mm ² for flexible cable
1	0 262 69	
1	0 262 70	
		Extended front terminals Set of 4 Short terminals for 630 - 1250 A (2 bars max. per pole) Long terminals for 1600 A (3 bars max. per pole)
1	0 262 67	
1	0 262 68	
		Spreaders Set of incoming or outgoing spreaders
1	3P 0 262 73 4P 0 262 74	
		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 Short terminals
1	0 263 80 0 263 82	
1	0 263 81 0 263 83	
		IP 20 terminal covers Set of 2 terminal covers
1	4 225 90 4 225 91	
		External neutral External neutral
1	4 225 92	

For the old range of accessories for DPX 1600 draw-out version please contact Legrand

DPX³ 630 and 1600

common auxiliaries



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 DPX ³ /DPX ³ -I Changeover switch 3 A - 240 V~
		Shunt releases Allow remote tripping of a DPX ³ or DPX ³ -I 630 and DPX ³ 1600 Shunt inrush power 300 VA Consumption: 5 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 DPX ³ or DPX ³ -I 630 and 1600 Consumption: 5 VA
1	4 222 44	Coil voltage 24 V=
1	4 222 45	Coil voltage 24 V~
1	4 222 46	Coil voltage 48 V~/=
1	4 222 47	Coil voltage 110 V~/=
1	4 222 48	Coil voltage 230 V~/=
1	4 222 49	Coil voltage 400 V~/=
		Time-lag (800 ms) undervoltage release Allow remote tripping of a DPX ³ /DPX ³ -I 630 or 1600 Prevents false tripping in the event of power supply microbreaks
		Time-lag modules
1	0 261 90	230 V~ Number of modules: 3
1	0 261 91	400 V~ Number of modules: 3
		Release To be equipped with a time-lag module Cat.Nos 0 261 90/91 For DPX ³ /DPX ³ -I 630 and 1600
1	4 226 23	

DPX³ 160, 250, 630 and 1600

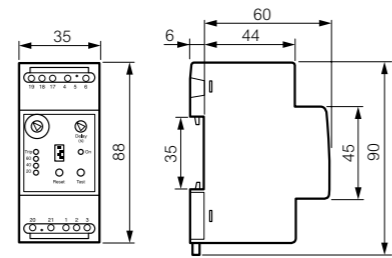
power supervision system



Pack	Cat.Nos	Auxiliary power supply for DPX ³
1	4 210 83	For supplying DPX ³ 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: - Thermal-magnetic DPX ³ with residual current protection: 42 mA - Electronic DPX ³ : 30 mA - Electronic DPX ³ with measurement: 54 mA - Electronic DPX ³ with residual current protection: 54 mA - Electronic DPX ³ with residual current protection and measurement: 54 mA
		RS485 Modbus communication interface
		DPX³ electronic interface For connecting electronic DPX ³ 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~/=
1	4 210 75	RS 485 link (2-wire) Address, speed and coding can be modified with configurator kit
		Modular power supply
		230 V~ - 27 V= - 0.6 A
		2 modules
		Remote communication and supervision
		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 (DX ³ add-on modules with integrated measurement control unit, DPX ³ and DMX ³), EMDX ³ electricity meters and multi-function measuring units and CX ³ energy management system
1	0 261 78	For 32 Modbus addresses or 32 pulse modules
1	0 261 79	For 255 Modbus addresses or 32 pulse modules
		Legrand Software dedicated to measurement For displaying the values collected from electricity meters or multi-function measuring units on a PC connected to the network
1	0 261 88	For 32 metering devices (supplied on CD)
1	0 261 89	For 255 metering devices (supplied on CD)
		Door mounting touch screen
1	0 261 56	Optional touch screen allowing to: - visualize information coming from DX ³ , DPX ³ and DMX ³ protection devices and EMDX ³ multi-function measuring units and - control protection devices equipped with the universal control module Cat.No 4 149 32 (p. 92) Can manage up to 9 devices Power supply: 18-30 V = IP connection For mounting on door or solid faceplate Door cut: 92 x 92 mm

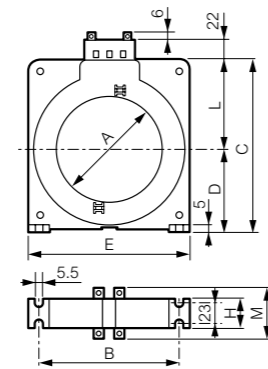


Residual current relay
Cat.No 0 260 88



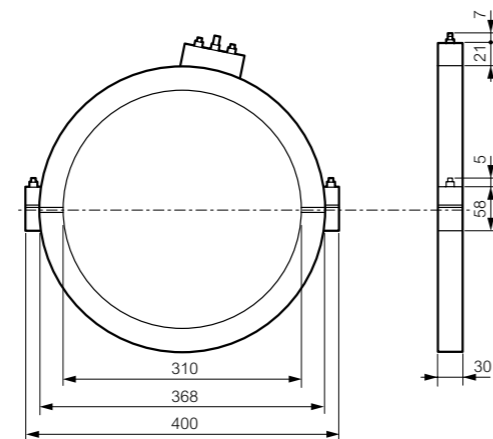
Coils

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



Add residual current protection to DPX³ trip-free switches and DPX³ MCCBs equipped with release

Pack	Cat.Nos	Residual current relay	Coils
1	0 260 88	Residual current relay to clip on rail	1 coil per DPX ³ 1 coil per DPX ³
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



For switching, control, isolation and protection of low-voltage electrical lines
Can be fitted with auxiliaries
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

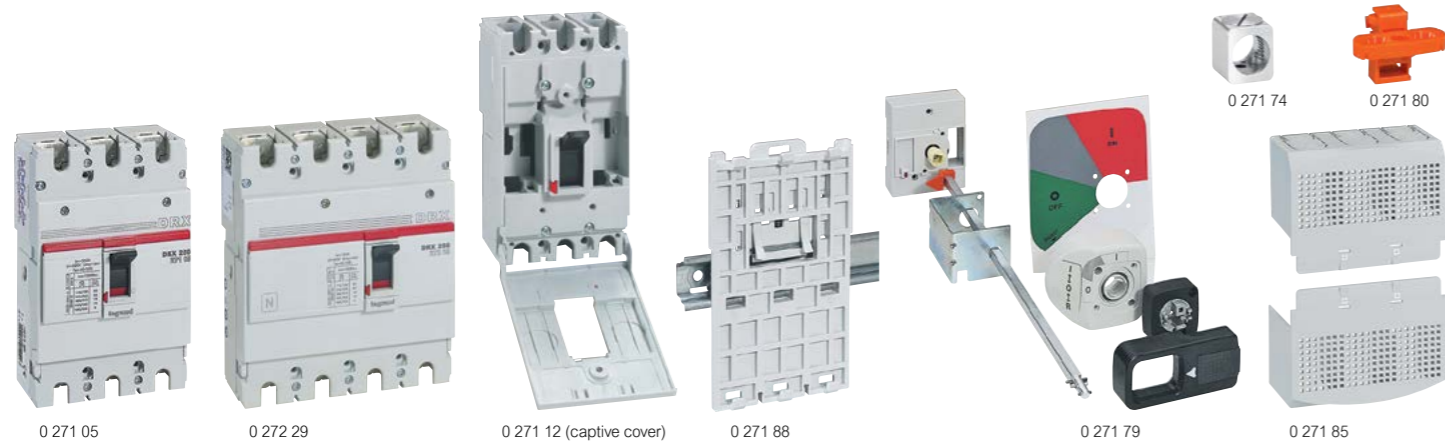
Pack	Cat.Nos	DRX 125
1	3P 4P	Breaking capacity Icu 10 kA (415 V~)
1	0 270 00 0 270 10	In 15 A
1	0 270 01 0 270 11	20 A
1	0 270 02 0 270 12	25 A
1	0 270 03 0 270 13	30 A
1	0 270 04 0 270 14	40 A
1	0 270 05 0 270 15	50 A
1	0 270 06 0 270 16	60 A
1	0 270 07 0 270 17	75 A
1	0 270 08 0 270 18	100 A
1	0 270 09 0 270 19	125 A
1	0 270 20 0 270 30	Breaking capacity Icu 20 kA (415 V~)
1	0 270 21 0 270 31	In 15 A
1	0 270 22 0 270 32	20 A
1	0 270 23 0 270 33	25 A
1	0 270 24 0 270 34	30 A
1	0 270 25 0 270 35	40 A
1	0 270 26 0 270 36	50 A
1	0 270 27 0 270 37	60 A
1	0 270 28 0 270 38	75 A
1	0 270 29 0 270 39	100 A
1	0 270 30 0 270 40	125 A
1	0 272 20 0 272 22	Breaking capacity Icu 36 kA (230 V~)
1	0 272 21 0 272 23	In 15 A
1	0 270 40* 0 270 50	20 A
1	0 270 41* 0 270 51	25 A
1	0 270 42* 0 270 52	30 A
1	0 270 43* 0 270 53	40 A
1	0 270 44* 0 270 54	50 A
1	0 270 45* 0 270 55	60 A
1	0 270 46* 0 270 56	75 A
1	0 270 47* 0 270 57	100 A
1	0 270 48* 0 270 58	125 A

Pack	Cat.Nos	DRX-I 125
1	6 671 39 6 671 59	Trip-free switches for on-load circuit breaking and isolation of low voltage electrical circuits 125 A
20 12 6	0 271 89 0 271 90 0 271 87	Mounting on rail Plates for fixing DRX 125 on DIN rail For 1P For 2P For 3P and 4P
1	0 271 76	Rotary handles Direct on DRX Standard (grey)
1	0 271 77	Vari-depth handle Comprising: connecting rod, bracket, drilling template, mounting accessories, door locking mechanism Standard (grey)
1	0 271 81 0 271 82	Connection accessories Insulating shields Used to isolate the connection between each pole Set of 2 Set of 3
1	0 271 91	Sealable terminal shields Set of 2
1	0 271 83 0 271 84	Cage terminals Up to 50 A (inclusive) From 60 to 100 A For 125 A
1	0 271 92 0 271 93 0 272 54	Set of 60 pieces up to 50 A (inclusive) Set of 60 pieces from 60 to 100 A Set of 60 pieces 125 A
1	0 271 80	Padlock for DRX 125 and 250 For locking on "OFF" position (up to 3 locks)

1: Icu 25 kA (240 V~) for 1P

DRX™ 250

thermal magnetic MCCBs from 125 to 250 A



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	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
		DRX-I 250
1	6 672 09 6 672 19	Trip-free switches for on-load circuit breaking and isolation of low voltage electrical circuits 250 A
		Mounting on rail
1	0 271 88	Plate for fixing DRX 250 on DIN rail
		Rotary handles
		Direct on DRX
1	0 271 78	Standard (grey)
		Vari-depth handle
1	0 271 79	Comprising: connecting rod, bracket, drilling template, mounting accessories, door locking mechanism Standard (grey)

Pack	Cat.Nos	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
		Padlock for DRX 125 and 250
1	0 271 80	For locking on "OFF" position (up to 3 locks)
		Control and signalling auxiliaries for DRX 125 and 250
		Auxiliary contact blocks
		For left-hand side mounting
1	0 271 40	Up to 250 V~ and =
1	0 271 41	Block with 1 auxiliary
1	0 271 42	Block with 1 alarm
		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 adjustable

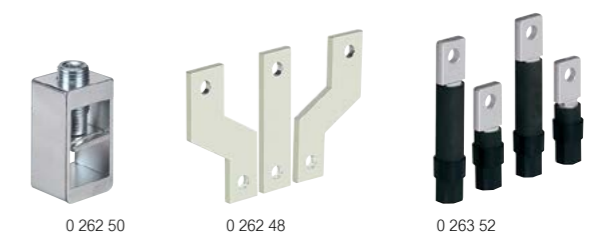
thermal magnetic MCCBs from 320 to 630 A



For switching, control, isolation and protection of low-voltage electrical lines
 Can be fitted with auxiliaries
 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~)
		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

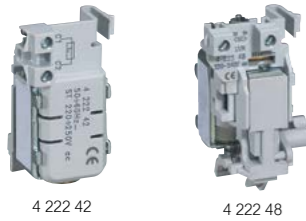
DRX™ 630 adjustable accessories



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

DRX™ 630 adjustable accessories (continued)

DRX™ 630 adjustable technical characteristics



Pack	Cat.Nos	Padlock for DRX 630
1	0 262 40	For locking on "OFF" position (up to 3 locks)
1	4 210 11	Control and signalling auxiliaries for DRX 630 For DPX ³ , DPX ³ -I and DRX Auxiliary contact or fault signal For signalling the state of the contacts or opening of the MCCB on a fault Changeover switch 3 A - 240 V~ Shunt releases Shunt inrush power 300 V~ Coil voltage 4 222 39 24 V~ and = 4 222 40 48 V~ and = 4 222 41 110 V~ and = 4 222 42 230 V~ and = 4 222 43 400 V~ and = Undervoltage releases Undervoltage power consumption 5 V~ Coil voltage 4 222 44 24 = 4 222 45 24 V~ 4 222 46 48 V= 4 222 47 110-125 V~ 4 222 48 220-240 V~ 4 222 49 380-415 V~

Technical characteristics

	DRX 630 - 36 kA	DRX 630 - 50 kA	
Number of poles	3P - 4P	3P - 4P	
Releases type	thermal-magnetic		
Rated current I _n (A)	320, 400, 500, 630		
Rated insulation voltage (50/60Hz) U _i (V)	800		
Rated operational voltage (50/60 Hz) U _e (V)	690		
Rated impulse withstand voltage U _{imp} (kV)	8		
Rated frequency (Hz)	50 - 60		
Reference ambient temperature T _{amb} (°C)	40 - 50		
Operating temperature (°C)	-25 to 70		
Rated ultimate short-circuit breaking capacity I _{cu} (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
Rated service short-circuit breaking capacity I _{cs} (%I _{cu})	690 V~	14	18
		100	100
Rated short-circuit making capacity I _{cm} (at 415 V~)	75.6		
Neutral protection for 4P version (%I _{th})	110/130 V~	18	25
	220/240 V~	18	25
Rated short-circuit breaking capacity on IT system I _{su,IT} (kA) IEC 60947-2 (Annexes C - H)	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 I _{cu} (kA) NEMA AB-1	220/240 V~	70	100
	480/500 V~	25	30
	690 V~	14	18
Category of use	A		
Suitable for isolation	Yes		
Thermal adjustment I _r (A)	0.8 ÷ 0.9 ÷ 1 x I _n		
Magnetic adjustment I _i (A)	5 ÷ 10 x I _n		
Endurance (cycles)	mechanical	6000	6000
	electrical at I _n	2000	2000
	electrical at 0.5 I _n	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	

Isolating switches

Selection chart

VISTOP VISIBLE LOAD BREAK SWITCHES											
Rating (A)	Black handle										
	Front handle			Side handle							
	2 P	3 P	4 P	2 P	3 P	4 P					
32	022 498	225 00	022 502	022 503	022 505	022 507					
63		225 12	225 15		225 16	225 18					
100		225 20	225 22		225 25	225 27					
125		225 34	225 39		225 44	225 46					
160		225 51	225 53		225 54	225 56					

DPX-IS VISIBLE LOAD BREAK SWITCHES												
Rating (A)	Without release						With release					
	Front handle		Right-hand side handle		Left-hand side handle		Front handle		Right-hand side handle		Left-hand side handle	
	3 P	4 P	3 P	4 P	3 P	4 P	3 P	4 P	3 P	4 P	3 P	4 P
160	266 02		266 12		266 22	266 27	026 602	026 606	026 612	026 616	026 622	026 626
250	266 03	266 07	266 13	266 17	266 23	266 27	026 603	026 607	026 613	026 617	026 623	026 627
400	266 60	266 62	266 64	266 66	266 68	266 70	026 660	026 662	026 664	026 XXX	026 668	026 670
630	266 61	266 63	266 65	266 67	266 69	266 71	026 661	026 663	026 665	026 667	026 669	026 671
800							265 91	265 95				
1 000							265 92	265 96				
1 250							265 93	265 97				
1 600							265 94	265 98				

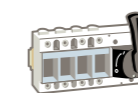
DPX ³ -I TRIP-FREE SWITCHES				
Rating (A)	Devices	3 P	4 P	
160	DPX ³ -I 160	420 198	420 199	
250	DPX ³ -I 250 ER	420 299	420 300	
400	DPX ³ -I 630	422 216	422 218	
630	DPX ³ -I 630 / DPX ³ -I 1600	422 217 / 422 490	422 219 / 422 494	
800	DPX ³ -I 1 600	422 491	422 495	
1 250	DPX ³ -I 1 600	422 492	422 496	
1 600	DPX ³ -I 1 600	422 493	422 497	

DX-IS ISOLATING SWITCHES					
Rating (A)	Grey Handle				
	1 P	2 P	3 P	4 P	
16	406 400	406 431			
20	406 401	406 432	406 457	406 477	
32	406 403	406 434	406 459	406 479	
40	406 411	406 440	406 460	406 480	
63	406 412	406 441	406 461	406 481	
100	406 423	406 449	406 469	406 489	
125		406 450	406 470	406 490	



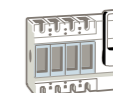
DX-IS

- Isolation with positive contact indication from 16 to 125 A
- Tripping version
- Fixing on rail



VISTOP

- Isolation with visible contact indication from 63 to 160 A
- Fixing on rail or on plate
- External reversible side handle or front handle



DPX-IS

- Isolation with visible contact indication from 160 to 1 600 A
- Fixing on rail or on plate up to 250 A. Above 250 A, fix on plate

Vistop™ isolating switches

32 to 160 A



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 or screw fixing (only on rail for Vistop 63 A)
 Padlockable handle in open position: 1 to 3 padlocks Cat.No 0 227 97
 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)

Pack	Cat.Nos		32 A	63 A	100 A	125 A	160 A
1	Front handle	Side handle	2P	3P	3P	3P	3P
1	0 224 98	0 225 03	2P	3P	3P	3P	3P
1	0 225 00	0 225 05	3P	3P	3P	3P	3P
1	0 225 02	0 225 07	4P	4P	4P	4P	4P
			Connection	No of 17.5 mm modules			
			16 mm ²	4 + 3.5			
			cage terminals	4 + 3.5			
				5 + 4.5			
63 to 160 A							
Possibility to add auxiliary contact Cat.No 0 227 07							
63 A							
1	Front handle	Side handle	3P	3P	3P	3P	3P
1	0 225 12	0 225 16	3P	3P	3P	3P	3P
1	0 225 15	0 225 18	4P	4P	4P	4P	4P
			Connection	No of 17.5 mm modules			
			cage terminals	7			
				7			
100 A							
1	0 225 20	0 225 25	3P	3P	3P	3P	3P
1	0 225 22	0 225 27	4P	4P	4P	4P	4P
			key	7,5			
			6 sides	9			
125 A							
1	0 225 34	0 225 44	3P	3P	3P	3P	3P
1	0 225 39	0 225 46	4P	4P	4P	4P	4P
			key	7,5			
			6 sides	9			
160 A							
1	0 225 51	0 225 54	3P	3P	3P	3P	3P
1	0 225 53	0 225 56	4P	4P	4P	4P	4P
			key	7,5			
			6 sides	9			

Accessories

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

Auxiliary signalling contacts

IP 2X - 5 A - 250 V
 To be fitted inside Vistop isolating switches
 Main contact NO + NC
 Additional contact NO + NC
 To be fitted on main contact
 Cat.No 0 227 04 in order to obtain 2 NO + 2 NC

Connection (mm ²)
lug 2.58
lug 2.58

Vistop™ isolating switches

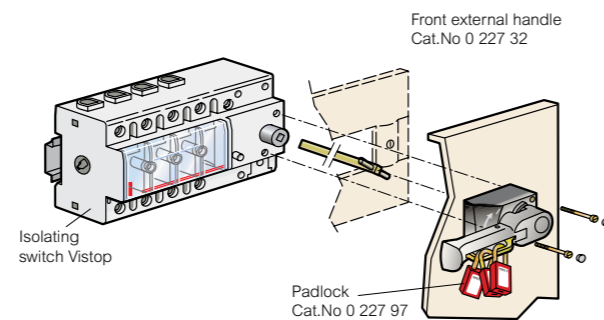
32 to 160 A

Conform to standards EN / IEC 60947-3, BS EN 60947-3, VDE 0660, NBN EN 60947-3, CNOMO E03 - 15-611 R, Veritas approved
 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 35 ²		4 to 35 ²		
	Cu (rigid) 4 to 50 ²		4 to 70 ²		
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)
	500 V	32 A (20 kW) ⁽²⁾ 20 A (14 kW)	63 A (44 kW)	100 A (69 kW)	125 A (87 kW)
AC 23 A ⁽¹⁾	690 V	-	40 A (38 kW)	100 A (96 kW)	125 A (120 kW)
	690 V	-	40 A (38 kW)	100 A (96 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 (Ics) (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 (Icu) (kA)	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 (Icm) (kA prospective peak)	0.75	7	12	12	12
Mechanical endurance (No of operations)	> 10000	> 30000	> 30000	> 30000	> 30000
Index of protection	IP 2X (16 mm ² IP 3X under front plat)		IP 2X B (IP 3X C under front plates) from 6 mm ²		IP 2X B (IP 3X C under front plate) from 10 mm ²

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

DPX™ -IS 250 isolating switches

63 to 250 A



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 AS/NZS 60947-3
 Category of use AC 23 A
 Accept electrical auxiliaries
 Can be mounted on rail or on plate in XL³ enclosures

Pack	Cat.Nos		DPX-IS with release
1	3P	4P	Can be associated with a residual current relay with separate coils (p. 147), supplied without shunt trip
1	0 266 30	0 266 34	Front handle
1	0 266 31	0 266 35	63 A
1	0 266 32	0 266 36	100 A
1	0 266 33	0 266 37	160 A
1	0 266 40	0 266 44	250 A
1	0 266 41	0 266 45	Right-hand side handle
1	0 266 42	0 266 46	63 A
1	0 266 43	0 266 47	100 A
1	0 266 50	0 266 54	160 A
1	0 266 51	0 266 55	250 A
1	0 266 52	0 266 56	Left-hand side handle
1	0 266 53	0 266 57	63 A
1	0 266 02	0 266 06	100 A
1	0 266 03	0 266 07	250 A
1	0 266 12	0 266 16	Right-hand side handle
1	0 266 13	0 266 17	160 A
1	0 266 22	0 266 26	250 A
1	0 266 23	0 266 27	Left-hand side handle
1	0 262 39		Mounting on rail
1	0 262 39		Rail fixing plate
1	0 262 39		For DPX-IS 250
1	0 266 89		Rotary handles
1	0 266 90		Direct for emergency use
1	0 266 89		For mounting instead of standard handle
1	0 266 90		Front and right-hand side handle
1	0 266 86		Left-hand side handle
1	0 266 87		Vari-depth handle IP 55
1	0 266 86		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 87		For front and side handle device
1	0 266 86		For front and side handle device for emergency use
1	0 266 87		To be ordered with Cat.Nos 0 266 89 or 0 266 90

Pack	Cat.Nos		Accessories
1	0 262 88 ¹		Cage terminals
1	0 273 22		Set of 4
1	0 273 22		Spreaders
1	0 273 22		Set of upstream and downstream spreaders
1	0 273 22		Rear terminals
1	0 273 22		Used to convert the fixed version with front terminals to the fixed version with rear terminals
1	3P	4P	Terminal shields
1	0 265 10	0 265 11	Set of upstream and downstream rear terminals
1	0 262 87		Terminal shields
1	0 262 87		Set of 2
1	0 266 92		Padlock
1	0 266 92		For locking mechanism in open position (factory assembled)
1	0 266 94		Padlock with flat key N° ABA90GEL6149
1	0 266 94		Interlock
1	0 266 94		Provides closing of 2 devices at the same time (factory assembled)

1: Can not be mounted on side by side mounted earth leakage modules 160 A

DPX™ -IS 630 isolating switches

400 to 630 A



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 AS/NZS 60947-3
 Category of use AC 23 A
 Accept electrical auxiliaries
 Can be mounted on plate in XL³ enclosures

Pack	Cat.Nos	DPX-IS with release
1	3P 4P 0 266 72 0 266 74	Can be associated with a residual current relay with separate coil (p. 147), supplied without shunt trip
1	0 266 73 0 266 75	Front handle 400 A 630 A
1	0 266 76 0 266 78	Right-hand side handle 400 A
1	0 266 77 0 266 79	630 A
1	0 266 80 0 266 82	Left-hand side handle 400 A
1	0 266 81 0 266 83	630 A
DPX-IS without release		
1	3P 4P 0 266 60 0 266 62	Front handle 400 A
1	0 266 61 0 266 63	630 A
1	0 266 64 0 266 66	Right-hand side handle 400 A
1	0 266 65 0 266 67	630 A
1	0 266 68 0 266 70	Left-hand side handle 400 A
1	0 266 69 0 266 71	630 A
Rotary handles		
1	0 266 89	Direct for emergency use For mounting instead of standard handle Front and right-hand side handle
1	0 266 90	Left-hand side handle
1	0 266 86	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 87	For front and side handle device 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
1	0 262 50	Cage terminals 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)
1	3P 4P 0 262 48 0 262 49	Spreaders Set of incoming or outgoing spreaders
1	0 263 52 0 263 53	Rear terminals Used to convert the fixed version with front terminals to the fixed version with rear Set of incoming and outgoing flat rear terminals
1	0 262 45	Sealable terminal shields Set of 2
1	0 266 97	Padlock For locking mechanism in open position Padlock with flat key N° ABA90GEL6149

DPX™ -IS 1600 isolating switches

800 to 1600 A



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 AS/NZS 60947-3
 Category of use AC 23 A
 Accept electrical auxiliaries (opposite)
 Can be mounted on plate in XL³ enclosures

Pack	Cat.Nos	DPX-IS with release
1	3P 4P 0 265 91 0 265 95	Can be associated with a residual current relay with separate coil (p. 147), supplied without shunt release
1	0 265 92 0 265 96	Front handle 800 A
1	0 265 93 0 265 97	1000 A
1	0 265 94 0 265 98	1250 A 1600 A
1	0 265 89	Vari-depth handle Standard For emergency use
1	0 265 90	
1	0 262 93	Locking accessories Key barrel and flat key N° ABA90GEL6149
1	0 262 94	Key barrel and star key N° HBA90GPS6149
Accessories		
1	0 262 69	Cage terminals Set of 1 terminal for cables without lug 2 x 240 mm ² for rigid cable or 2 x 185 mm ² for flexible cable
1	0 262 70	Set of 1 high-capacity terminal for cables without lug 4 x 240 mm ² for rigid cable 2 x 185 mm ² for flexible cable
1	3P 4P 0 262 73 0 262 74	Spreaders Set of incoming or outgoing spreaders
1	0 263 80 0 263 82	Rear terminals Used to convert the fixed version with front terminals to the fixed version with rear terminals
1	0 263 81 0 263 83	Set of incoming and outgoing rear terminals Short terminals Long terminals
1	0 262 67	Extended front terminals 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)
1	3P 4P 0 262 64 0 262 65	Sealable terminal shields Set of 2
1	0 262 66	Insulation shields Used to isolate the connections between each pole Set of 3

DPX™ -IS auxiliaries



Pack	Cat.Nos	Auxiliary contact or fault signal
1	0 261 60	For signalling the state of the contacts or opening of the MCCB on a fault For DPX Changeover switch 3 A - 240 V~
Shunt releases		
1	0 261 64	Allow remote tripping of a DPX-IS Shunt inrush power 300 VA 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		
1	0 261 90	230 V~
1	0 261 91	400 V~
Undervoltage releases		
To be equipped with time-lag module Cat.No 0 261 90/91		
1	0 261 75	For DPX-IS 250, 630
1	0 261 85	For DPX-IS 1600

DPX³-I trip-free switches

160 to 1600 A



4 202 99

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 AS/NZS 60947-3

Category of use AC 23 A

Connection identical to corresponding DPX³

Pack	Cat.Nos	DPX ³ -I 160
1	3P 4P 4 201 98 4 201 99	In (A) 160 Mounting on rail with plate Cat.No 4 210 71 (p. 129)
1	4P with earth leakage module 4 201 97	160 Mounting on rail with plate Cat.No 4 210 73 (p. 129)
1	3P 4P 4 202 99 4 203 00	In (A) 250 Mounting on rail with plate Cat.No 4 210 72 (p. 133)
1	4P with earth leakage module 4 202 98	250 Mounting on rail with plate Cat.No 4 210 74 (p. 133)
1	3P 4P 4 222 16 4 222 18	In (A) 400
1	4 222 17 4 222 19	630
1	3P 4P 4 224 90 4 224 94	In (A) 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-I trip-free switches

160 to 1600 A

Electrical characteristics

	DPX ³ -I 160	DPX ³ -I 250	DPX ³ -I 630	DPX ³ -I 1600
Rated operating voltage U _e (V)	50/60 Hz	690 ⁽¹⁾	690 ⁽¹⁾	690
	direct	250	250	250
Rated insulation voltage U _i (V~)	800	800	690	690
Rated impulse withstand voltage U _{imp} (kV)	8	8	8	8
Rated closing capacity on 400 V short circuit I _{cm} (kA)	3	3	6.5 ⁽³⁾ / 13 ⁽⁴⁾	40
Short-time resistive current t = 1 s I _{cs} (kA)	1.7	1.7	4 ⁽³⁾ / 7.6 ⁽⁴⁾	10 ⁽⁶⁾ / 15 ⁽⁶⁾ / 20 ⁽⁷⁾
Endurance (o.c. cycle)	mechanical	25000	25000	15000
	electrical	8000	8000	5000
Conventional thermal current (A)	160	250	630	1600
Nominal current of use (A) AC 23 A (690 V~)	160 (160 V)	250 (250 V)	630	1600
DC 23 A (250 V~)	160	160	630	-

1: 500 V for DPX³-I with earth leakage module

2: Up to 1250 A

3: I_n = 400 A

4: I_n = 630 A

5: I_n = 800 A

6: I_n = 1250 A

7: I_n = 1600 A

Dimensions

Dimensions of DPX³-I identical to corresponding DPX³

DPX ³ -I	Dimensions
DPX ³ -I 160	DPX ³ 160 (see e-catalogue)
DPX ³ -I 250	DPX ³ 250 (see e-catalogue)
DPX ³ -I 630	DPX ³ 630 (see e-catalogue)
DPX ³ -I 1600	DPX ³ 1600 (see e-catalogue)

Choice of faceplates and distribution equipment

Equipment of DPX³-I identical to corresponding DPX³

Devices	XL ³ 400	XL ³ 800	XL ³ 4000
DPX ³ /DPX ³ -I 160	(p. 222)	(p. 234)	(p. 244)
DPX ³ /DPX ³ -I 250	(p. 222)	(p. 234)	(p. 244)
DPX ³ /DPX ³ -I 630	(p. 223)	(p. 234)	(p. 244)
DPX ³ /DPX ³ -I 1600	-	(p. 234)	(p. 244)



DPX³

PRECISE PROTECTION
AND MEASUREMENT
UP TO 1600 A

The DPX³ 630 and 1600 circuit breakers extend the benefits of the DPX³ range up to 1600 A. Not only do DPX³ circuit breakers provide precise, reliable protection, they also include numerous benefits for your low voltage distribution boards. The wide range of characteristics and versions cover the requirements of all installations. Integrated measurement enables you to monitor the parameters and consumption of the installation with no need for any additional device or accessory. The various selectivity techniques available ensure optimum continuity of service. The comprehensive range of electrical auxiliaries makes operation and maintenance easy. The circuit breakers are fully compatible with Legrand XL³ enclosures, making installation easy. The numerous accessories available make them easy to adapt to suit all panel configurations. **Discover the details of the whole DPX³ range and all its benefits in this document.**

Automatic transfer switches

DPX³ MCCBs

HOW TO ORDER

1 BASIC TRANSFER SWITCH

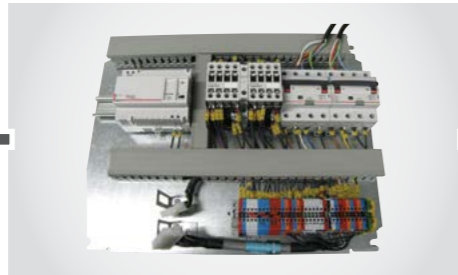
Mechanical interlock between two MCCBs (BTS)



1

1 CONTROL PANEL

Prewired and mounted on metal plate



2

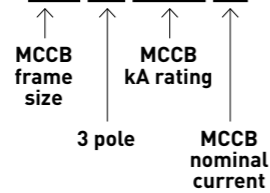
1 CONTROLLER



3

Catalogue No.

ATS 160 3P 25kA 25 = 1+2+3



Pack	Cat. No.	ATS for DPX ³ 160 3P TM MCCBs
1	ATS1603P25kA25	ATS for DPX ³ 160 3P/3P 25 kA 25A
1	ATS1603P25kA40	ATS for DPX ³ 160 3P/3P 25 kA 40A
1	ATS1603P25kA63	ATS for DPX ³ 160 3P/3P 25 kA 63A
1	ATS1603P25kA80	ATS for DPX ³ 160 3P/3P 25 kA 80A
1	ATS1603P25kA100	ATS for DPX ³ 160 3P/3P 25 kA 100A
1	ATS1603P25kA125	ATS for DPX ³ 160 3P/3P 25 kA 125A
1	ATS1603P25kA160	ATS for DPX ³ 160 3P/3P 25 kA 160A
		with DPX³ 160 36 kA breaking capacity
1	ATS1603P36kA63	ATS for DPX ³ 160 3P/3P 36 kA 63A
1	ATS1603P36kA80	ATS for DPX ³ 160 3P/3P 36 kA 80A
1	ATS1603P36kA100	ATS for DPX ³ 160 3P/3P 36 kA 100A
1	ATS1603P36kA125	ATS for DPX ³ 160 3P/3P 36 kA 125A
1	ATS1603P36kA160	ATS for DPX ³ 160 3P/3P 36 kA 160A
		with DPX³ 160 50 kA breaking capacity
1	ATS1603P50kA63	ATS for DPX ³ 160 3P/3P 50 kA 63A
1	ATS1603P50kA80	ATS for DPX ³ 160 3P/3P 50 kA 80A
1	ATS1603P50kA100	ATS for DPX ³ 160 3P/3P 50 kA 100A
1	ATS1603P50kA125	ATS for DPX ³ 160 3P/3P 50 kA 125A
1	ATS1603P50kA160	ATS for DPX ³ 160 3P/3P 50 kA 160A

Pack	Cat. No.	ATS for DPX ³ 250 3P TM MCCBs
1	ATS2503P36kA100	ATS for DPX ³ 250 3P/3P 36 kA 100A
1	ATS2503P36kA160	ATS for DPX ³ 250 3P/3P 36 kA 160A
1	ATS2503P36kA200	ATS for DPX ³ 250 3P/3P 36 kA 200A
1	ATS2503P36kA250	ATS for DPX ³ 250 3P/3P 36 kA 250A
		with DPX³ 250 50 kA breaking capacity
1	ATS2503P50kA100	ATS for DPX ³ 250 3P/3P 50 kA 100A
1	ATS2503P50kA160	ATS for DPX ³ 250 3P/3P 50 kA 160A
1	ATS2503P50kA200	ATS for DPX ³ 250 3P/3P 50 kA 200A
1	ATS2503P50kA250	ATS for DPX ³ 250 3P/3P 50 kA 250A
		with DPX³ 250 70 kA breaking capacity
1	ATS2503P70kA100	ATS for DPX ³ 250 3P/3P 70 kA 100A
1	ATS2503P70kA160	ATS for DPX ³ 250 3P/3P 70 kA 160A
1	ATS2503P70kA200	ATS for DPX ³ 250 3P/3P 70 kA 200A
1	ATS2503P70kA250	ATS for DPX ³ 250 3P/3P 70 kA 250A

Pack	Cat. No.	ATS for DPX ⁶ 3P MCCBs
		with DPX⁶ 36 kA breaking capacity (TM)
1	ATS6303P36kA400	ATS for DPX ⁶ 3P/3P 36 kA 400A
1	ATS6303P36kA630	ATS for DPX ⁶ 3P/3P 36 kA 630A
		with DPX⁶ 70 kA breaking capacity (TM)
1	ATS6303P70kA400	ATS for DPX ⁶ 3P/3P 70 kA 400A
1	ATS6303P70kA630	ATS for DPX ⁶ 3P/3P 70 kA 630A
		with DPX⁶ Electronic 36 kA breaking capacity
1	ATS6303P36K400E	ATS for DPX ⁶ 3P/3P 36 kA 400A Electronic
1	ATS6303P36K630E	ATS for DPX ⁶ 3P/3P 36 kA 630A Electronic
		with DPX⁶ Electronic 70 kA breaking capacity
1	ATS6303P70K400E	ATS for DPX ⁶ 3P/3P 70 kA 400A Electronic
1	ATS6303P70K630E	ATS for DPX ⁶ 3P/3P 70 kA 630A Electronic

TM = Thermal Magnetic
 Note: 1. MCCBs fitted with 230V AC/DC Shunt release
 2. Control Panel supplied with wire looms for quick plug-in connections with controller & BTS
 3. Common loadside busbar available on request

Automatic Transfer Switches

DPX³ MCCBs

Pack	Cat No.	ATS for DPX ³ 1600 3P
1	ATS8003P70KTM	ATS for DPX ³ 1600 3P/3P 70kA 800A TM
1	ATS8003P100KTM	ATS for DPX ³ 1600 3P/3P 100kA 800A TM
1	ATS8003P70KE	ATS for DPX ³ 1600 3P/3P 70kA 800A Elec
1	ATS8003P100KE	ATS for DPX ³ 1600 3P/3P 100kA 800A Elec
1	ATS12503P70KTM	ATS for DPX ³ 1600 3P/3P 70kA 1250A TM
1	ATS12503P100KTM	ATS for DPX ³ 1600 3P/3P 100kA 1250A TM
1	ATS12503P70KAE	ATS for DPX ³ 1600 3P/3P 70kA 1250A Elec
1	ATS12503P100KAE	ATS for DPX ³ 1600 3P/3P 100kA 1250A Elec
1	ATS16003P70KTM	ATS for DPX ³ 1600 3P/3P 70kA 1600A TM
1	ATS16003P100KTM	ATS for DPX ³ 1600 3P/3P 100kA 1600A TM
1	ATS16003P70KE	ATS for DPX ³ 1600 3P/3P 70kA 1600A Elec
1	ATS16003P100KE	ATS for DPX ³ 1600 3P/3P 100kA 1600A Elec

*Rating up to 4000A

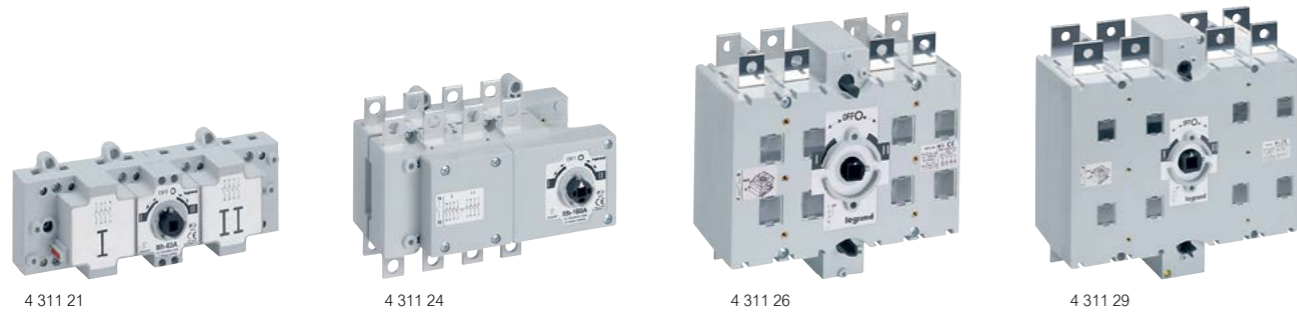
*Contact your local Legrand Representative for more information

DCX-M handles and accessories selection chart

A	Size	Connection	Changeover switch I-O-II		Direct handle	External handle			Auxiliary contacts		Bridging links	Shaft extensions			Rear protective plate	Safety lock device	
			3P	4P		Cat.Nos	L (mm)	D (mm)	1 NO + 1 NC	2 NO + 2 NC		Cat.Nos	L (mm)	D (mm)		Simple	Double
40	1	cage terminals	4 311 00	4 311 20	4 311 45	4 311 40	137	90 - 180	4 311 55	4 311 56	4 311 60	4 311 50	187	90 - 240	-	4 311 70	4 311 75
63	1	cage terminals	4 311 01	4 311 21	4 311 45	4 311 40	137	90 - 180	4 311 55	4 311 56	4 311 60	4 311 50	187	90 - 240	-	4 311 70	4 311 75
100	2	lugs	4 311 02	4 311 22	4 311 45	4 311 40	137	161 - 250	4 311 55	4 311 56	4 311 61	4 311 50	187	161 - 306	-	4 311 70	4 311 75
125	2	lugs	4 311 03	4 311 23	4 311 45	4 311 40	137	161 - 250	4 311 55	4 311 56	4 311 61	4 311 50	187	161 - 306	-	4 311 70	4 311 75
160	2	lugs	4 311 04	4 311 24	4 311 45	4 311 40	137	161 - 250	4 311 55	4 311 56	-	4 311 50	187	161 - 306	-	4 311 70	4 311 75
200	3	lugs	4 311 05	4 311 25	4 311 46	4 311 41	161	158 - 254	4 311 55	4 311 56	-	4 311 51	305	158 - 414	4 311 65	4 311 71	4 311 76
250	3	lugs	4 311 06	4 311 26	4 311 46	4 311 41	161	158 - 254	4 311 55	4 311 56	-	4 311 51	305	158 - 414	4 311 65	4 311 71	4 311 76
315	3	lugs	4 311 07	4 311 27	4 311 46	4 311 41	161	158 - 254	4 311 55	4 311 56	-	4 311 51	305	158 - 414	4 311 65	4 311 71	4 311 76
400	3	lugs	4 311 08	4 311 28	4 311 46	4 311 41	161	158 - 254	4 311 55	4 311 56	-	4 311 51	305	158 - 414	4 311 65	4 311 71	4 311 76
630	4	lugs	4 311 09	4 311 29	4 311 47	4 311 42	151	187 - 255	4 311 55	4 311 56	-	4 311 52	290	187 - 405	4 311 66	4 311 72	4 311 77
800	4	lugs	4 311 10	4 311 30	4 311 47	4 311 42	151	187 - 255	4 311 55	4 311 56	-	4 311 52	290	187 - 405	4 311 66	4 311 72	4 311 77
1000	5	lugs	4 311 11	4 311 31	4 311 48	4 311 43	125	215 - 264	4 311 55	4 311 56	-	4 311 53	275	215 - 414	4 311 67	4 311 73	4 311 78
1250	5	lugs	4 311 12	4 311 32	4 311 48	4 311 43	125	215 - 264	4 311 55	4 311 56	-	4 311 53	275	215 - 414	4 311 67	4 311 73	4 311 78
1600	6	lugs	4 311 13	4 311 33	4 311 49	4 311 44	204	413 - 573	4 311 57	4 311 58	4 311 62	consult us	consult us	consult us	-	4 311 74	4 311 79

DCX-M changeover switches

from 40 to 1600 A



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	Changeover switches
1	3P 3P+N 4 311 00 4 311 20	Size 1 Cage terminals Intensity Handle position Connection 40 A I - O - II
	4 311 01 4 311 21	
1	4 311 02 4 311 22	Size 2 Connection with lugs Intensity Handle position Connection 100 A I - O - II
	4 311 03 4 311 23	
	4 311 04 4 311 24	
1	4 311 05 4 311 25	Size 3 Connection with lugs Intensity Handle position Connection 200 A I - O - II
	4 311 06 4 311 26	
	4 311 07 4 311 27	
	4 311 08 4 311 28	
1	4 311 09 4 311 29	Size 4 Connection with lugs Intensity Handle position Connection 630 A I - O - II
	4 311 10 4 311 30	

Pack	Cat.Nos	Changeover switches (continued)
1	3P 3P+N 4 311 11 4 311 31	Size 5 Connection with lugs Intensity Handle position Connection 1000 A I - O - II
	4 311 12 4 311 32	
1	4 311 13 4 311 33	Size 6 Connection with lugs Intensity Handle position Connection 1600 A I - O - II

DCX-M changeover switches

auxiliaries and accessories



Pack	Cat.Nos	Direct handles
1	4 311 45	Black rotary handles For DCX-M between 40 A and 160 A
20	4 311 46	For DCX-M between 200 A and 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
1	4 311 40	Black rotary handles Supplied with standard rod For DCX-M between 40 A and 160 A
1	4 311 41	For DCX-M between 200 A and 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
1	4 311 50	Replace the standard rods supplied with the external handles, when required by the door distance For DCX-M between 40 A and 160 A
10	4 311 51	For DCX-M between 200 A and 400 A
10	4 311 52	For DCX-M 630 A and 800 A
10	4 311 53	For DCX-M 1000 A and 1250 A

Pack	Cat.Nos	Safety key lock devices
2	4 311 70	Simple lock devices For DCX-M between 40 A and 160 A For DCX-M between 200 A and 400 A For DCX-M 630 A and 800 A For DCX-M 1000 A and 1250 A For DCX-M 1600 A
	4 311 71	
	4 311 72	
	4 311 73	
2	4 311 74	Double lock devices For DCX-M between 40 A and 160 A For DCX-M between 200 A and 400 A For DCX-M 630 A and 800 A For DCX-M 1000 A and 1250 A For DCX-M 1600 A
	4 311 75	
	4 311 76	
	4 311 77	
	4 311 78	

Pack	Cat.Nos	Auxiliary contacts
10	4 311 55	For DCX-M between 40 and 1250 A 1 NO + 1 NC 2 NO + 2 NC
	4 311 56	
10	4 311 57	For DCX-M 1600 A 1 NO + 1 NC 2 NO + 2 NC
	4 311 58	

Pack	Cat.Nos	Bridging links
5	4 311 60	For DCX-M 40 A and 63 A
5	4 311 61	For DCX-M 100 A and 125 A
3	4 311 62	For DCX-M 1600 A

Pack	Cat.Nos	Rear protective plates
5	4 311 65	For DCX-M between 200 A and 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
Kit comprising plate and faceplate for fixing DCX-M		
For vertical mounting in XL³ 800 and XL³ 4000 enclosures		
1	0 211 20	For DCX-M 40 A and 63 A
1	0 211 21	For DCX-M 100 A and 160 A
1	0 211 22	For DCX-M 200 A and 400 A
For horizontal mounting in XL³ 800 and XL³ 4000 enclosures		
1	0 211 27	For DCX-M 100 A and 160 A
1	0 211 28	For DCX-M 200 A and 400 A
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

MPCBs MPX³

technical characteristics



MPCB	MPX ³ 32S	MPX ³ 32H	MPX ³ 32MA	MPX ³ 63H	MPX ³ 100H
Size	1	2	2	3	4
Type	Thermal magnetic	Thermal magnetic	Magnetic only	Thermal magnetic	Thermal magnetic
Breaking capacity	Standard	High	High	High	High
Handle type	Toggle	Rotary	Rotary	Rotary	Rotary
Number of poles	3	3	3	3	3

Characteristics of use					
Rated operational voltage (Ue)	Up to 690 V		Up to 690 V		Up to 690 V
Rated frequency	50/60 Hz		50/60 Hz		50/60 Hz
Rated insulation voltage (Ui)	690 V		690 V		1000 V
Rated impulse voltage (Uimp)	6 kV		6 kV		8 kV
Utilisation category	IEC 60947-2 (breaker)		Cat. A		Cat. A
	IEC 60947-4 (Motor starter)		AC3		AC3
Mechanical endurance (Operating)	100000		100000		50000
Electric endurance (Cycles)	100000		100000		25000
Max operating frequency per hour (Ope./h)	25		25		25
Temperature compensation	-20 to +60°C		-20 to +60°C		-20 to +60°C
Instantaneous short circuit release	13 x Ie max.		13 x Ie max.		13 x Ie max.
Trip class	10		10		0
Overload protection	•		•		•
Phase failure protection	•		•		•
Trip indicating function	with alarm contact 4 174 06/07		with alarm contact 4 174 06/07		with alarm contact 4 174 06/07
Test function	•		•		•
Weight (g)	320		360		1000

Rated breaking capacity (kA)	Rated operational current Ie (A)	Thermal release adjustment range (A)	240V 230V 220V					415V 400V					460V 440V					525V 500V					690V 600V						
			Icu	Ics	Icu	Ics	Icu	Ics	Icu	Ics	Icu	Ics	Icu	Ics	Icu	Ics	Icu	Ics	Icu	Ics	Icu	Ics	Icu	Ics	Icu	Ics	Icu	Ics	Icu
0.16	0.1 to 0.16	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
0.25	0.16 to 0.25	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
0.4	0.25 to 0.4	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
0.63	0.4 to 0.63	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
1	0.63 to 1	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
1.6	1 to 1.6	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
2.5	1.6 to 2.5	100	100	100	100	100	100	100	100	50	38	3	3	100	100	100	100	100	100	100	100	8	8	100	100	100	100	100	100
4	2.5 to 4	100	100	100	100	50	38	15	11	3	3	100	100	100	100	100	100	100	100	100	8	8	100	100	100	100	100	100	100
6	4 to 6	100	100	100	100	15	11	10	8	3	3	100	100	100	100	100	100	100	100	100	6	6	100	100	100	100	100	100	100
8	5 to 8	100	100	100	100	15	11	10	8	3	3	100	100	100	100	50	38	50	38	6	6	100	100	100	100	50	38	6	6
10	6 to 10	100	100	50	38	15	11	6	5	3	3	100	100	100	100	50	38	50	38	6	6	100	100	100	100	50	38	6	6
13	9 to 13	100	100	50	38	10	8	6	5	3	3	100	100	100	100	50	38	42	32	6	6	100	100	100	100	50	38	42	32
17	11 to 17	50	38	20	15	10	8	6	5	3	3	100	100	50	38	20	15	10	8	4	4	100	100	50	38	20	15	10	8
22	14 to 22	40	30	15	11	8	6	6	5	3	3	100	100	50	38	20	15	10	8	4	4	100	100	50	38	20	15	10	8
26	18 to 26	40	30	15	11	8	6	5	4	3	3	100	100	50	38	20	15	10	8	4	4	100	100	50	38	20	15	10	8
32	22 to 32	30	22	15	11	6	4	5	4	3	3	100	100	50	38	20	15	10	8	4	4	100	100	50	38	20	15	10	8
40	28 to 40	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	100	100	50	38	20	15	10	8
50	34 to 50	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	100	100	50	38	20	15	10	8
63	45 to 63	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	100	100	50	38	20	15	10	8
75	55 to 75	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	100	100	75	50	50	38	12	9
90	70 to 90	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	100	100	75	50	50	38	12	9
100	80 to 100	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	100	100	75	50	50	38	12	9

MPCBs MPX³

motor protection circuit breakers from 0.16 A to 100 A



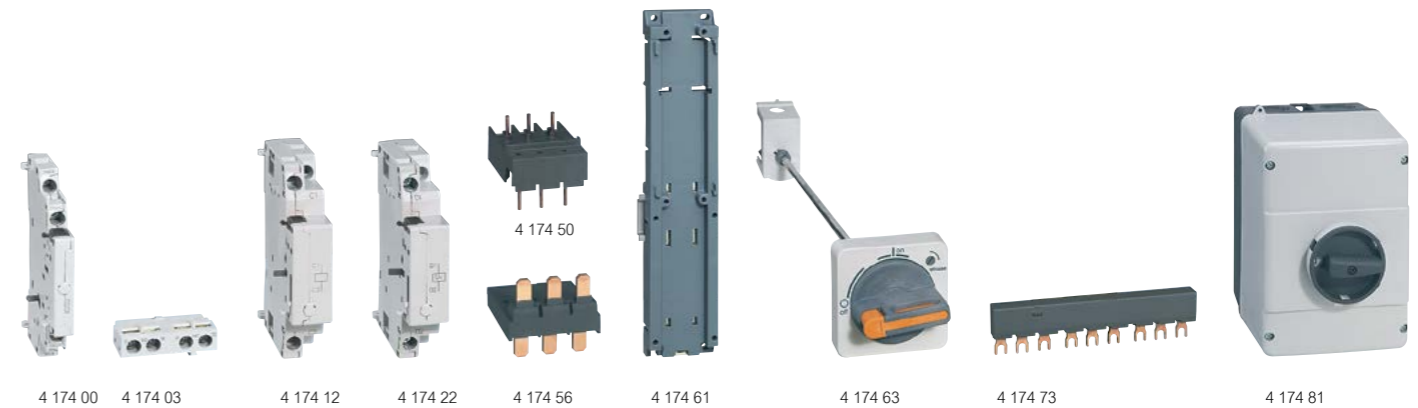
Conform to AS/NZS 60947-1, AS/NZS 60947-2, AS/NZS 60947-4 ; class 10

Pack	Cat. Nos	Thermal magnetic MPCBs			
		Adjustable thermal release Magnetic release 13 le max.			
		MPX³ 32S Standard breaking capacity With toggle handle Fixing on rail			
		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			
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			
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

Pack	Cat. Nos	Thermal magnetic MPCBs (continued)			
		MPX³ 100H High breaking capacity With rotary handle Fixing on rail or by screw			
		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 le max.			
		MPX³ 32MA High breaking capacity With rotary handle Fixing on rail			
		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


















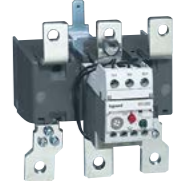


Pack	Cat. Nos	Auxiliary contacts	
		2-pole	
		Side mounting Mounting on the left side of MPCBs One module per MPCB	
2	4 174 00	1 NO + 1 NC	
2	4 174 01	2 NO	
2	4 174 02	2 NC	
		Front mounting One module per MPCB	
10	4 174 03	1 NO + 1 NC	
10	4 174 04	2 NO	
10	4 174 05	2 NC	
		Alarm contacts 1 NO + 1 NC	
		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 (MPX ³ 63H can not accept auxiliary contact and alarm contact together)	
1	4 174 06	For MPX ³ 32	
1	4 174 08	For MPX ³ 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 MPX ³ 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 For all types of MPX ³	
400	4 174 79		

Pack	Cat. Nos	Direct adaptor and mounting unit	
		For mounting CTX ³ contactors under MPX ³ MPCBs	
		Direct adaptors Used to connect MPX ³ directly with the contactor	
2	4 174 48	For MPX ³ 32S with CTX ³ 22 AC (p. 176)	
2	4 174 49	For MPX ³ 32S with CTX ³ 22 DC (p. 176)	
2	4 174 50	For MPX ³ 32H/32MA with CTX ³ 22 AC (p. 176)	
2	4 174 51	For MPX ³ 32H/32MA with CTX ³ 22 DC (p. 176)	
2	4 174 52	For MPX ³ 32S with CTX ³ 40 AC (p. 176)	
2	4 174 53	For MPX ³ 32S with CTX ³ 40 DC (p. 176)	
2	4 174 54	For MPX ³ 32H/32MA with CTX ³ 40 AC (p. 176)	
2	4 174 55	For MPX ³ 32H/32MA with CTX ³ 40 DC (p. 176)	
2	4 174 56	For MPX ³ 63H with CTX ³ 65 AC with lug type terminals (p. 176)	
2	4 174 57	For MPX ³ 63H with CTX ³ 65 DC with cage type terminals (p. 176)	
1	4 174 58	For MPX ³ 100H with CTX ³ 100 AC with cage type terminals (p. 176)	
1	4 174 59	For MPX ³ 100H with CTX ³ 100 DC with cage type terminals (p. 176)	
		Mounting unit This device is used for joining together MPX ³ MPCBs and CTX ³ contactors Screws not supplied	
1	4 174 60	For MPX ³ 32S/32H/32MA	
1	4 174 61	For MPX ³ 63H	
1	4 174 62	For MPX ³ 100H	
		Rotary handle Mounting on panel's door to control the MPX ³	
1	4 174 63	For MPX ³ 32H and 32 MA	
1	4 174 64	For MPX ³ 63H	
1	4 174 65	For MPX ³ 100H	
		Phase busbar For parallel connection of MPX ³	
		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 Yellow/red rotary handle With black rotary handle	
1	4 174 80		
1	4 174 81		

3-pole contactors CTX³ and thermal overload relays RTX³

technical characteristics

																														
Contactor		CTX ³ mini				CTX ³ 22				CTX ³ 40		CTX ³ 65		CTX ³ 100			CTX ³ 150		CTX ³ 225		CTX ³ 400			CTX ³ 800						
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, U _e		690 V				690 V				690 V		690 V		690 V			690 V		690 V		690 V			690 V						
Rated insulation voltage, U _i		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, U _{imp}		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		12			5		5		5			2.5						
		Electrical		1		2.5		2		2		2			1		1		1			0.5								
Current and power		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		
		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)		(A)		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)		(A)		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)		(A)		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)		(A)		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)		(A)		-	-	-	-	-	-	-	-	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 x 58 x 57		45 x 73.5 x 87.4		45 x 83 x 90		55 x 106 x 119		70 x 140 x 135.8			95 x 158 x 130.3		138 x 203 x 185.1		163 x 243 x 204.4			285 x 312 x 245.3								
DC control		Weight (kg)		0.23		0.41		0.6		1.2		2.6			4		5.4		9.2			22.4								
		Size (W x H x D) (mm)		45 x 58 x 69		45 x 73.5 x 103.6		45 x 83 x 117.1		55 x 106 x 146.4		70 x 140 x 172.3			95 x 158 x 130.3		138 x 203 x 185.1		163 x 243 x 204.4			285 x 312 x 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			Yes						
		Front mounting		Yes		Yes		Yes		Yes		Yes		Yes			Yes		No		No			No						
Thermal overload relay		RTX ³ mini				RTX ³ 40				RTX ³ 40		RTX ³ 65		RTX ³ 100			RTX ³ 150		RTX ³ 225		RTX ³ 400			RTX ³ 800						
																														
Terminals type		Standard RTX ³				-				screw		screw		screw			screw		-		-			-						
		Differential RTX ³				screw				screw		screw		cage			cage		screw		screw			screw						
Rated operational voltage, U _e		690 V				690 V				690 V		690 V		690 V			690 V		690 V		690 V			690 V						
Rated insulation voltage, U _i		690 V				690 V				690 V		690 V		690 V			690 V		690 V		690 V			690 V						
Rated impulse withstand voltage, U _{imp}		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 x 73 x 63		45 x 75 x 90		45 x 75 x 90		55 x 81 x 100		70 x 97 x 110			95 x 109 x 113		147 x 141 x 184		151 x 171 x 198			360 x 530 x 212								

Mini contactors CTX³

6 to 16 A industrial contactors



4 170 00 4 170 01

Thermal relays and accessories

for CTX³ mini contactors



4 170 88 4 171 55

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

Conform to AS/NZS 60947-1, AS/NZS 60947-4-1
Can be equipped with RTX³ thermal relays add-on auxiliary contact blocks, time delay blocks, capacitor switching units and CTX³ interlocking

Pack	Cat. Nos	3-pole mini contactors		
		With integrated auxiliary contact Power terminals: screw terminals		
		6 A (AC3)		
		1 NO	1 NC	
		3-phase motor 400/415 V		
				Control Voltage
1	4 170 00	4 170 10		2.2 kW
1	4 170 01	4 170 11		2.2 kW
1	4 170 04	4 170 14		2.2 kW
1	4 170 06	4 170 16		2.2 kW
1	4 170 09	4 170 19		2.2 kW
		9 A (AC3)		
1	4 170 20	4 170 30		4 kW
1	4 170 21	4 170 31		4 kW
1	4 170 24	4 170 34		4 kW
1	4 170 26	4 170 36		4 kW
1	4 170 29	4 170 39		4 kW
		12 A (AC3)		
1	4 170 40	4 170 50		5.5 kW
1	4 170 41	4 170 51		5.5 kW
1	4 170 44	4 170 54		5.5 kW
1	4 170 46	4 170 56		5.5 kW
1	4 170 49	4 170 59		5.5 kW
		16 A (AC3)		
1	4 170 60	4 170 70		7.5 kW
1	4 170 61	4 170 71		7.5 kW
1	4 170 64	4 170 74		7.5 kW
1	4 170 66	4 170 76		7.5 kW
1	4 170 69	4 170 79		7.5 kW
		4-pole mini contactors		
		Without integrated auxiliary contact Power terminals: screw terminals		
		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~

Pack	Cat. Nos	Thermal overload relays for 3-pole mini contactors	
		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	
		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	
5	4 171 60	Mechanical interlock for mini contactors	

Pack	Cat.Nos	CTX ³ 22		
		With integrated auxiliary contacts Power terminals: screw terminals		
		9 A (AC3) - 25 A (AC1)		
		Screw terminals	3-phase motor 400/415 V	Control Voltage
				Integrated auxiliary contacts
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		
		32 A (AC3) - 50 A (AC1)		
		Screw terminals	3-phase motor 400/415 V	Control Voltage
				Integrated auxiliary contacts
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

Pack	Cat.Nos	CTX ³ 65		
		With integrated auxiliary contacts		
		50 A (AC3) - 70 A (AC1)		
		Screw terminals	Cage terminals	3-phase motor 400/415 V
				Control Voltage
				Integrated auxiliary contacts
1	4 161 40	4 161 50	22 kW	24 V~
1	4 161 41	4 161 51	22 kW	24 V=
1	4 161 44	4 161 54	22 kW	110 V~
1	4 161 46	4 161 56	22 kW	230 V~
1	4 161 49	4 161 59	22 kW	415 V~
		65 A (AC3) - 100 A (AC1)		
1	4 161 60	4 161 70	30 kW	24 V~
1	4 161 61	4 161 71	30 kW	24 V=
1	4 161 64	4 161 74	30 kW	110 V~
1	4 161 66	4 161 76	30 kW	230 V~
1	4 161 69	4 161 79	30 kW	415 V~
		CTX³ 100		
		With integrated auxiliary contacts		
		75 A (AC3) - 110 A (AC1)		
		Screw terminals	Cage terminals	3-phase motor 400/415 V
				Control Voltage
				Integrated auxiliary contacts
1	4 161 80	4 161 90	37 kW	24 V~
1	4 161 81	4 161 91	37 kW	24 V=
1	4 161 84	4 161 94	37 kW	110 V~
1	4 161 86	4 161 96	37 kW	230 V~
1	4 161 89	4 161 99	37 kW	415 V~
		85 A (AC3) - 135 A (AC1)		
1	4 162 00	4 162 10	45 kW	24 V~
1	4 162 01	4 162 11	45 kW	24 V=
1	4 162 04	4 162 14	45 kW	110 V~
1	4 162 06	4 162 16	45 kW	230 V~
1	4 162 09	4 162 19	45 kW	415 V~
		100 A (AC3) - 160 A (AC1)		
1	4 162 20	4 162 30	55 kW	24 V~
1	4 162 21	4 162 31	55 kW	24 V=
1	4 162 24	4 162 34	55 kW	110 V~
1	4 162 26	4 162 36	55 kW	230 V~
1	4 162 29	4 162 39	55 kW	415 V~

3-pole contactors CTX³

130 A to 800 A industrial contactors



Conform to AS/NZS 60947-1, AS/NZS 60947-4-1
Can be equipped with RTX³ thermal relays add-on auxiliary contact blocks, time delay blocks (except CTX³ 225/400/800) and CTX³ interlocking

Pack	Cat.Nos		CTX ³ 150		
			With integrated auxiliary contacts		
			130 A (AC3) - 160 A (AC1)		
	Screw terminals	Cage terminals	3-phase motor 400/415 V	Control Voltage	Integrated auxiliary contacts
1	4 162 40	4 162 50	60 kW	24 V \sim	2 NO + 2 NC
1	4 162 41	4 162 51	60 kW	24 V \equiv	2 NO + 2 NC
1	4 162 46	4 162 56	60 kW	100-240 V \sim/\equiv	2 NO + 2 NC
1	4 162 49	4 162 59	60 kW	400-440 V \sim	2 NO + 2 NC
			150 A (AC3) - 210 A (AC1)		
1	4 162 60	4 162 70	75 kW	24 V \sim	2 NO + 2 NC
1	4 162 61	4 162 71	75 kW	24 V \equiv	2 NO + 2 NC
1	4 162 66	4 162 76	75 kW	100-240 V \sim/\equiv	2 NO + 2 NC
1	4 162 69	4 162 79	75 kW	400-440 V \sim	2 NO + 2 NC
			CTX³ 225		
			With integrated auxiliary contacts		
			185 A (AC3) - 230 A (AC1)		
	Screw terminals		3-phase motor 400/415 V	Control Voltage	Integrated auxiliary contacts
1	4 162 80		90 kW	24 V \sim/\equiv	2 NO + 2 NC
1	4 162 86		90 kW	100-240 V \sim/\equiv	2 NO + 2 NC
1	4 162 89		90 kW	380-450 V \sim	2 NO + 2 NC
			225 A (AC3) - 275 A (AC1)		
1	4 162 90		132 kW	24 V \sim/\equiv	2 NO + 2 NC
1	4 162 96		132 kW	100-240 V \sim/\equiv	2 NO + 2 NC
1	4 162 99		132 kW	380-450 V \sim	2 NO + 2 NC
			CTX³ 400		
			With integrated auxiliary contacts		
			265 A (AC3) - 300 A (AC1)		
	Screw terminals		3-phase motor 400/415 V	Control Voltage	Integrated auxiliary contacts
1	4 163 06		147 kW	100-240 V \sim/\equiv	2 NO + 2 NC
1	4 163 09		147 kW	380-450 V \sim	2 NO + 2 NC
			330 A (AC3) - 350 A (AC1)		
1	4 163 16		160 kW	100-240 V \sim/\equiv	2 NO + 2 NC
1	4 163 19		160 kW	380-450 V \sim	2 NO + 2 NC
			400 A (AC3) - 450 A (AC1)		
1	4 163 26		200 kW	100-240 V \sim/\equiv	2 NO + 2 NC
1	4 163 29		200 kW	380-450 V \sim	2 NO + 2 NC

Thermal relays RTX³

for CTX³ 3-pole industrial contactors

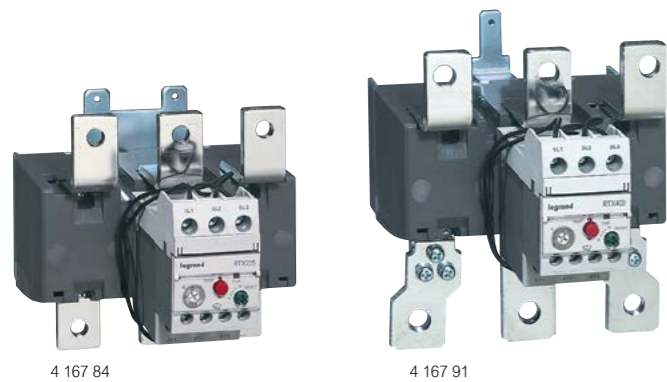


Thermal protection against overloads, long starting times and lasting stalling of the motor
Differential type ensures a better protection in case of one phase failure thanks to faster tripping
Conform to AS/NZS 60 947-1, AS/NZS 60 947-4-1

Pack	Cat.Nos		Thermal overload relays	
			Class 10A Integrated auxiliary contacts 1 NO + 1 NC	
			RTX³ 40 For CTX ³ 22 and 40 With screw terminals	
			Adjustment range	
	Type		I min. (A)	I max. (A)
	standard	diff.		
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 CTX ³ 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

Pack	Cat. Nos		Thermal overload relays (continued)	
			Class 10A Integrated auxiliary contacts 1 NO + 1 NC	
			RTX³ 100 For CTX ³ 100 Standard type with screw terminals Differential type with cage terminals	
	Type		I min. (A)	I max. (A)
	standard	diff.		
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 CTX ³ 150 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	
1	4 165 91		For RTX ³ 40 up to 32 A	
1	4 165 92		For RTX ³ 40 40 A	
1	4 165 93		For RTX ³ 65 with screw terminals	
1	4 165 94		For RTX ³ 65 with cage terminals	
1	4 165 95		For RTX ³ 100 with screw terminals	
1	4 165 96		For RTX ³ 100 with cage terminals	
1	4 165 97		For RTX ³ 150 with screw terminals	
1	4 165 98		For RTX ³ 150 with cage terminals	

Thermal relays RTX³
for CTX³ 3-pole industrial contactors



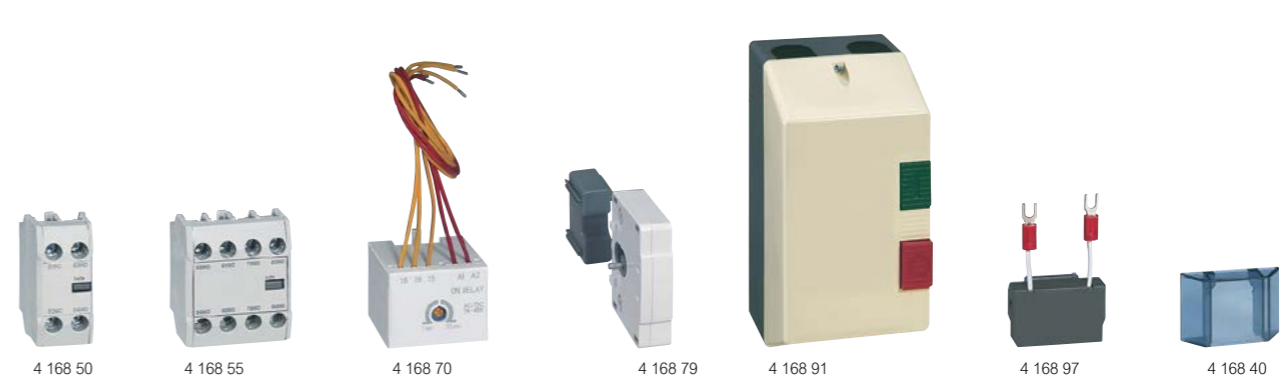
4 167 84 4 167 91

4-pole contactors CTX³
40 A to 900 A industrial contactors



4 164 36 4 164 56 4 164 86

CTX³ accessories



4 168 50 4 168 55 4 168 70 4 168 79 4 168 91 4 168 97 4 168 40

Conform to AS/NZS 60 947-1, AS/NZS 60 947-4-1

Conform to AS/NZS 60 947-1, AS/NZS 60 947-4-1

Pack	Cat. Nos	Thermal overload relays
		Class 10A Integrated auxiliary contacts 1 NO + 1 NC
		RTX³ 225 For CTX ³ 225 With screw terminals
		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 CTX ³ 400 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 CTX ³ 800 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 RTX ³ 40/65/100
1	4 168 92	Length 400 mm
1	4 168 93	Length 500 mm
1	4 168 94	Length 600 mm

Pack	Cat. Nos	Contactors CTX ³
		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 120 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~/=

Pack	Cat. Nos	CTX ³ add-on auxiliary contact blocks
		Front mounting For CTX ³ 3P from 9 A to 150 A (AC-3) and CTX ³ 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 CTX ³ 3P from 9 A to 150 A (AC-3) 1 NO + 1 NC - Ith: 16 A
1	4 168 59	For CTX ³ 3P from 185 A to 800 A (AC-3) and CTX ³ 4P from 165 A to 900 A (AC-1) 1 NO + 1 NC - Ith: 16 A
1	4 168 49	For CTX ³ 4P from 40 A to 135 A (AC-1) 1 NO + 1 NC - Ith: 16 A
		CTX³ time delay blocks For CTX ³ 3P from 9 A to 150 A (AC-3) Time delay: 1 to 30 s Front mounting
1	4 168 70	On delay 24-48 V~/=
1	4 168 71	110-230 V~
1	4 168 72	Off delay 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 CTX ³ 3P from 9 to 40 A
1	4 168 75	For contactors CTX ³ 3P 50 and 65 A with screw terminals
1	4 168 76	For contactors CTX ³ 3P 50 to 100 A with cage terminals
1	4 168 77	For contactors CTX ³ 3P 75 to 100 A with screw terminals

Pack	Cat. Nos	CTX ³ interlocking
		Component parts for assembling by customer Horizontal mounting
		Interlock units
1	4 168 79	Mechanical interlocks for CTX ³ 4P from 40 to 135 A (AC-1) (p. 185)
1	4 168 80	Mechanical interlocks for CTX ³ 3P from 9 to 150 A (p. 182-183)
1	4 168 87	Provides 2 NC contacts for use in electrical interlocking Mechanical interlocks for CTX ³ 3P from 185 to 400 A and CTX ³ 4P from 165 to 500 A (p. 183)
1	4 168 88	Mechanical interlocks for CTX ³ 3P from 500 to 800 A (p. 183)
1	4 168 89	Mechanical interlocks for CTX ³ 4P from 750 to 900 A (p. 185)
		Wire kits Used for making reversing between two 3P contactors (varistors)
4	4 168 82	For CTX ³ 22
6	4 168 83	For CTX ³ 40
2	4 168 84	For CTX ³ 65
1	4 168 85	For CTX ³ 100
		Boxes for motor starter For CTX ³ 22 equipped with RTX ³ 40 (0.1 - 22 A) Without pushbuttons
1	4 168 90	
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 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 CTX ³ 3P from 185 to 225 A (AC-3)
1	4 168 43	For CTX ³ 3P from 265 to 400 A (AC-3)
1	4 168 44	For CTX ³ 3P from 500 to 800 A (AC-3)
1	4 168 45	For CTX ³ 4P from 165 to 330 A (AC-1)
1	4 168 46	For CTX ³ 4P from 420 to 500 A (AC-1)
1	4 168 47	For CTX ³ 4P from 750 to 900 A (AC-1)
		CTX³ safety front cover
150	4 168 40	For CTX ³ 3P from 9 to 150 A (AC-3) and CTX ³ 4P from 40 to 135 A (AC-1)
150	4 168 41	For CTX ³ 3P from 85 to 800 A (AC-3) and CTX ³ 4P from 165 to 900 A (AC-1)
		Distant reset flexible cables for thermal relays
1	4 168 92	400 mm
1	4 168 93	500 mm
1	4 168 94	600 mm

Control relays CTX³

Contactors CTX³

technical characteristics



4 168 10

Pack	Cat. Nos	CTX ³ control relays
		4-pole Conform to IEC 60 947 I _{th} = 10 A Low consumption 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~

Accessory

Interlock unit, Cat.No 4 168 80

The mechanical interlock unit provides 2NC contacts for use in electrical interlocking of two contactors

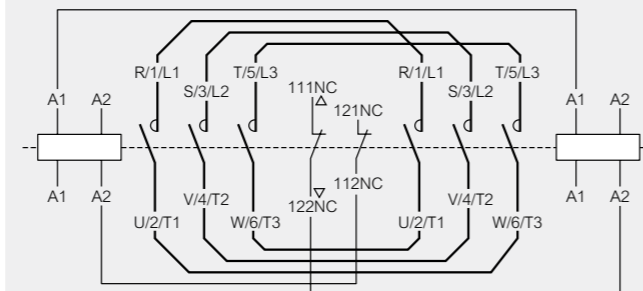
Wire kits

Used for making reversing circuit between two contactors

Contactor	Wire kit		Interlock unit	
	Cat.No	Weight	Cat.No	Weight
CTX ³ 22	4 168 82	0.04 kg	4 168 80	0.06 kg
CTX ³ 40	4 168 83	0.05 kg		
CTX ³ 65	4 168 84	0.12 kg		
CTX ³ 100	4 168 85	0.33 kg		
CTX ³ 150	-	-		

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.No 4 168 70/71/72/73

Applying contactors	Cat.No	Rated voltage	Performance
CTX ³ 22 to CTX ³ 150	On delay	4 168 70	AC/DC 24 to 48 V • Mounting: Head on • Contact: 1 NC
		4 168 71	AC 110 to 230 V • Time delay: 1s to 30s On delay, Off delay
	Off delay	4 168 72	AC/DC 24 to 48 V • Frequency: AC 50/60 hz • Operation: Min. voltage 85% Max. voltage 110%
		4 168 73	AC 110 to 230 V • Accuracy of setting time: ± 20 %

CTX³: CONTROL OF CIRCUITS UP TO 800⁽¹⁾ A

With a comprehensive selection of ratings, control voltages, auxiliaries and accessories, and total complementarity with MPX³ circuit breakers and RTX³ thermal relays, CTX³ power contactors provide an ideal solution for motor switching and controlling circuits for the most demanding applications.

⁽¹⁾ 900 A for 4P contactors



CTX³ 225/400/800: MOUNTING on plate up to 800 A

- 1 Connection plates for bars or lugs
- 2 Pre-mounted auxiliary contact blocks (2 per contactor). Additional auxiliary contact blocks can be mounted on the right or left of the contactors.



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	Pack	Cat.Nos	Universal control module	Number of modules
1	4 149 19 ¹	Single-phase measuring module and closed Rogowski coil up to 63 A Consumption: 0.409 W - 34.1 mA (12 V =)	1	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 (DPX ³ 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
1	4 149 20 ¹	3-phase measuring module and closed Rogowski coil up to 63 A Consumption: 0.418 W - 34.8 mA (12 V =)	1	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 CX ³ latching relays and contactors Consumption: 0.372 W - 31 mA (12 V =)	1
1	4 149 23	5 A measuring module connected via current transformers (CT) Consumption: 0.391 W - 32.6 mA (12 V =)	1	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 CX ³ latching relays and contactors Consumption: 0.372 W - 31 mA (12 V =)	1
1	4 149 26 ¹	Pulse concentrator 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	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 CX ³ latching relays and contactors Consumption: 0.372 W - 31 mA (12 V =)	1
1	4 149 29 ¹	State reporting modules Auxiliary + fault signalling contact Indicates the position of the contacts and the fault tripping of its associated device. To fit on the left-hand side of DX ³ MCBs, RCCBs, RCBOs and isolating switches Consumption: 0.236 W - 19.7 mA (12 V =)	0.5	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 CX ³ latching relays and contactors Consumption: 0.372 W - 31 mA (12 V =)	1
1	4 149 30 ¹	Universal signalling module 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 (DMX ³ and DPX ³) Consumption: 0.377 W - 31.4 mA (12 V =)	1	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 CX ³ latching relays and contactors Consumption: 0.372 W - 31 mA (12 V =)	1



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)

Pack	Cat.Nos	Stand alone configuration module	Number of modules	Pack	Cat.Nos	Communication interfaces	Number of modules
1	4 149 36 ¹	Optional module for "stand alone" supervision need Enables to configure, test and control CX ³ energy management system and to visualize supervision data No computer or IP connection required Consumption: 0.438 W - 36.5 mA (12 V =)	4	1	4 149 40	RS485 / CX ³ energy management system conversion Consumption: 0.344 W - 28.7 mA (12 V =)	1
1	0 261 56	Door mounting touch screen Optional touch screen allowing to: - visualize information coming from DX ³ , DPX ³ and DMX ³ protection devices and EMDX ³ multi-function measuring units and - control protection devices equipped with the universal control module Cat.No 4 149 32 (p. 100) Can manage up to 9 devices Power supply: 18-30 V = IP connection For mounting on door or solid faceplate Door cut: 92 x 92 mm	1	1	0 046 89	RS485 / Ethernet RS485 / Ethernet conversion (for connection to an IP network)	3
1	4 149 38	Software licence agreement (user key) for 32 Modbus addresses or 32 pulse modules	1	1	4 149 45	Power supply module 500 mA 12 V = stabilized power supply module for CX ³ energy management system	1
1	4 149 39	Software licence agreement (user key) 255 Modbus addresses or 255 pulse modules	1	1	4 149 01 ²	Communication rails To be fitted on rail or spacer Allows data transmission between the different modules of CX ³ energy supervision system 18 modules	1
1	4 149 47	For 10 Modbus addresses or 10 pulse modules	4	1	4 149 02 ²	24 modules	1
1	4 149 48	For 32 Modbus addresses or 32 pulse modules	4	1	4 149 03 ²	36 modules	1
1	4 149 49	For 255 Modbus addresses or 255 pulse modules Supplied with external power supply and fixing brackets	4	1	4 149 07	Length 250 mm (10 patch cords)	1
1	4 149 49	For 255 Modbus addresses or 255 pulse modules Supplied with external power supply and fixing brackets	4	1	4 149 08	Length 500 mm (10 patch cords)	1
1	4 149 49	For 255 Modbus addresses or 255 pulse modules Supplied with external power supply and fixing brackets	4	1	4 149 09	Length 1000 mm (5 patch cords)	1
1	4 149 49	For 255 Modbus addresses or 255 pulse modules Supplied with external power supply and fixing brackets	4	1	4 149 10	Communication patch cords Allows data transmission between the different modules of CX ³ energy supervision system Can be used instead of communication rails or to create a link between two rows (individually connected with communication rails) Length 250 mm (10 patch cords)	1
1	4 149 49	For 255 Modbus addresses or 255 pulse modules Supplied with external power supply and fixing brackets	4	1	4 149 10	Communication patch cord connector Enables to extend communication patch cords length by clipping them together Max. length: 3 m	1
1	4 149 49	For 255 Modbus addresses or 255 pulse modules Supplied with external power supply and fixing brackets	4	1	4 149 14	Plastic cover for communication rail 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

Current transformers (CT)
 p. 81



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

EMDX³ electrical energy meters

rail mounting



Technical characteristics p. 80

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 62053-21/23, IEC 62052-11 and IEC 61010-1. MID compliance ensures accuracy of the metering with a view to recharging for the electricity used.

Pack	Cat.Nos	Single-phase meters
1	0 046 70	Direct connection 32 A - 1 module - Pulse output
1	0 046 81	36 A - 2 modules - Pulse output
1	4 120 69	45 A - 1 module - Pulse output
1	0 046 72	63 A - 2 modules - Pulse output
1	0 046 77	63 A - 2 modules - RS 485 output
Three-phase meters		
1	0 046 73 ¹	Direct connection 63 A - 4 modules Pulse output
1	0 046 80	63 A - 4 modules RS 485 output
1	4 120 74	125 A - 6 modules RS 485 and pulse outputs
1	0 046 74	Connection with CT 5 A - 4 modules pulse output
1	0 046 84	5 A - 4 modules RS 485 and pulse output
1	4 120 65	Pulse concentrator 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	4 120 00	Measurement concentrator Full or partial electricity metering for 5 uses: heating, cooling, domestic hot water, and power sockets + "other" 5 inputs for current transformers (up to 2 current transformers per input) 2 pulse inputs for water and gas metering LCD screen and 6-button keypad RJ45 IP output Power supply 110/230 VAC - 50/60 Hz 6 modules
1	4 120 02	Split core current transformer 90 A max. for the measurement concentrator Cat.No 4 120 00 Accepts : 10 x 1.5 mm ² cables, or 7 x 2.5 mm ² cables, or 2 x 6 mm ² cables, or 1 x 10 or 16 mm ² cable
1	4 120 04	Solid core current transformer 60 A, for the measurement concentrator Cat.No 4 120 00

1: Double tariff metering

EMDX³ multi-function measuring units

rail mounting



Technical characteristics p. 81

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

Pack	Cat.Nos	EMDX ³ modular
1	4 120 45	Multi-function measuring unit 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
1	4 120 51	Multi-function measuring unit with active digital inputs and programmable alarms 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

EMDX³ multi-function measuring units

for mounting on door or solid faceplate



Technical characteristics p. 81

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	EMDX ³ - Access multi-function measuring units
1	4 120 47	Precision class: 1 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
1	4 120 52	Precision class: 0.5 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
1	4 120 53	EMDX³ - Premium multi-function measuring unit 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 EMDX ³ optional modules
EMDX³ modules		
1	4 120 55	Modules for EMDX³ - Premium multi-function measuring units R485 communication module with Modbus link
1	4 120 59	Pulse output 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

EMDX³ Supervision system



Technical characteristics p. 81

Pack	Cat.Nos	Energy management software for 1 computer (user licence key)	Number of modules
1	4 149 38	Allows remote configuration, test, control and visualization of data collected from EMDX ³ electrical energy meters and multi-function measuring units and CX ³ energy management system on one computer connected to the network 30-day free trial version available for download via E-Catalogue	4
1	4 149 39	Software licence agreement (user key) for 32 Modbus addresses or 32 pulse modules Software licence agreement (user key) 255 Modbus addresses or 255 pulse modules	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 (DX ³ add-on modules with integrated measurement control unit, DPX ³ and DMX ³), EMDX ³ electricity meters and multi-function measuring units, CX ³ energy management system and Green'up charging stations for electric vehicles.			
rail mounting			
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 (p. 97) to be ordered separately			
1	4 149 47	For 10 Modbus addresses or 10 pulse modules	4
1	4 149 48	For 32 Modbus addresses or 32 pulse modules	4
Fixing on plate			
1	4 149 49	For 255 Modbus addresses or 255 pulse modules Supplied with external power supply and fixing brackets	
Communication interface			
RS485 / Ethernet			
1	0 046 89	For RS 485 / Ethernet conversion (for connection to an IP network)	3

Current transformers (CT) p. 81



Power supervision system

remote control, monitoring and measurement



With the Legrand Power supervision system, circuit breakers are integrated in a supervision system. You can therefore check the status of the circuit breakers, measure the electrical values and control the circuit breakers remotely MODBUS protocol

RS485 Modbus communication interfaces

Pack	Cat.Nos	Description
1	0 261 37	DPX electronic interface For reading information from an electronic DPX : phase 1, 2 and 3 currents, the currents in the neutral, the temperature (electronic card), the nominal current and the DPX settings Dimension: 2 modules Power supply: 24 V~ / = . RS 485 link (2-wire) Address, speed and coding can be modified with configurator kit
1	4 210 75	DPX3 electronic interface For connecting electronic DPX3 (except DPX3 630 and 1600 S1 electronic releases) 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: 1 module Power supply: 24 V~ / = . RS 485 link (2-wire) Address, speed and coding can be modified with configurator kit
1	0 288 05*	RS 485 Modbus communication option for DMX3 Option making the DMX3 capable of communicating for supervision
1	0 035 67	Modular power supply 230 V~ - 27 V= - 0.6 A 2 modules
1	0 261 36	DPX and DX3 signalling and control interface Signalling and control interface between the power supervision system and the thermal magnetic and electronic circuit breakers. Equipped with analogue / digital inputs and relay outputs. Can handle multiple circuit breakers. - 24 inputs for collecting information from the signalling auxiliaries on the DPX and DX3 circuit breakers: auxiliary contact NO position (1 input) or NO+NC position (2 inputs), fault signal (1 input) - 6 outputs for: the remote control of the motor driven circuit breakers (2 outputs) and for tripping the circuit breakers for testing purposes (1 output) Dimension: 6 modules Power supply: 24 V~ / = RS 485 link (2-wire) Address, speed and coding can be modified with configuration kit.

1: Factory fitted

Accessories

Pack	Cat.Nos	Description								
1	0 261 45	Configurator kit For configuring the DPX and DPX3 I/O card and interface Kit with configurators 0 to 9 (10 configurators for each digit)								
1	1 466 23	Single phase stabilised power supply For supplying communication devices Primary 115-230 V 24 V= <table border="1"> <thead> <tr> <th>Power (W)</th> <th>Current (A)</th> <th>Flexible cable terminal capacity Input (mm²)</th> <th>Output (mm²)</th> </tr> </thead> <tbody> <tr> <td>120</td> <td>5</td> <td>6</td> <td>2 x 6</td> </tr> </tbody> </table>	Power (W)	Current (A)	Flexible cable terminal capacity Input (mm²)	Output (mm²)	120	5	6	2 x 6
Power (W)	Current (A)	Flexible cable terminal capacity Input (mm²)	Output (mm²)							
120	5	6	2 x 6							
1	0 046 89	IP converter For RS 485/Ethernet conversion for connecting electricity meters and measurement control units to an IP network Supply voltage 90-260 V~ 80/60 HZ Dimension: 2 modules								
1	4 149 38	Energy management software for 1 computer (user licence key) Allows remote configuration, test, control and visualization of data collected from EMDX3 electrical energy meters and multi-function measuring units and CX3 energy management system on one computer connected to the network 30-day free trial version available for download via E-Catalogue								
1	4 149 39	Software licence agreement (user key) for 32 Modbus addresses or 32 pulse modules								
1	4 149 39	Software licence agreement (user key) 255 Modbus addresses or 255 pulse modules								
1	4 149 47	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.								
1	4 149 48	rail mounting 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 (p. 97) to be ordered separately								
1	4 149 49	Fixing on plate For 255 Modbus addresses or 255 pulse modules Supplied with external power supply and fixing brackets								

Current transformers (CT)



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)
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 16 x 12,5 mm bar or Ø21 mm cable

Pack	Cat.Nos	Transformation ratio	Output (VA)
1	4 121 12	400/5	10
1	4 121 14	600/5	12

For 32,5 x 10,5 and 25,5 x 15,5 mm bars or Ø27 mm cable

Pack	Cat.Nos	Transformation ratio	Output (VA)
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 12,5 and 32,5 x 15,5 mm bars or Ø26 mm cable

Pack	Cat.Nos	Transformation ratio	Output (VA)
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 40,5 x 10,5, 32,5 x 20,5 and 25,5 x 25,5 mm bars or Ø32 mm cable

Pack	Cat.Nos	Transformation ratio	Output (VA)
1	4 121 31	700/5	8
1	4 121 32	800/5	8
1	4 121 33	1000/5	10

For 50,5 x 12,5 and 40,5 x 20,5 mm bars or Ø40 mm cable

Pack	Cat.Nos	Transformation ratio	Output (VA)
1	4 121 36	600/5	8
1	4 121 38	800/5	12
1	4 121 39	1000/5	15

For 65 x 32 mm bar

Pack	Cat.Nos	Transformation ratio	Output (VA)
1	4 121 42	1250/5	12

For 84 x 34 mm bar

Pack	Cat.Nos	Transformation ratio	Output (VA)
1	4 121 46	1600/5	10
1	4 121 47	2000/5	15
1	4 121 49	3200/5	25

For 127 x 38 mm bar

Pack	Cat.Nos	Transformation ratio	Output (VA)
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

For 127 x 54 mm bar

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)
1	4 121 57	250/5	3
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)
1	4 121 62	400/5	1,5
1	4 121 63	750/5	3
1	4 121 64	1000/5	5
1	4 121 65	1500/5	8
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 disconnecter 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 (mm²)	Capacity		Pitch (mm²)
				Rigid wire (mm²)	Flexible wire (mm²)	
25	0 371 92	Grey	4	0.25 to 4	0.25 to 4	8

EMDX³ electrical energy meters

Technical characteristics

Single-phase meters Cat.Nos 0 046 70/72/77/78/79/81 and 4 120 69

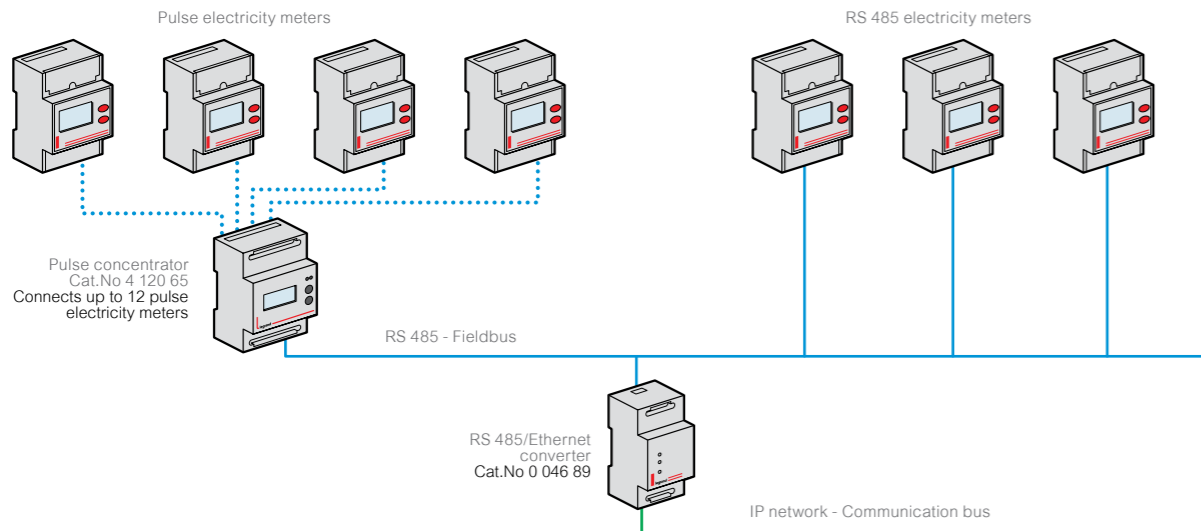
LCD display: 7 digits
 Resolution: 0.1 kWh
 Maximum indication: 99999.9 kWh
 Metrological LED: 1 Wh/pulse (Cat.No 0 046 70 : 0.5 Wh/pulse)
 Accuracy (EN 62053-21): class 1
 Reference voltage Un: 230 V-240 V
 Reference frequency: 50-60 Hz

Three-phase meters Cat.Nos 0 046 73/74/80/82/83/84/85/86 and 4 120 74/75

LCD display: 8 digits ; Resolution: 0.01 kWh⁽¹⁾
 Maximum indication: 99999.99 kWh⁽¹⁾
 Metrological LED: 0.1 Wh/pulse or 1 Wh/pulse
 Active energy accuracy (EN 62053-21): class 1
 Reactive energy accuracy (EN 62053-23): class 2
 Reference voltage Un:
 - Single-phase: 230-240 V / Three-phase: 230 (400) - 240 (415) V
 Operating limit range (EN 62053-21, EN 62053-23):
 - Single-phase: 110 to 254 V / Three-phase: 110 (190) to 254 (440) V
 Pulse output: 1 pulse/10 Wh

Cat.Nos	0 046 70	4 120 69	0 046 81	0 046 72	0 046 77	0 046 78	0 046 79	0 046 73	0 046 80	0 046 82	0 046 83	4 120 74	4 120 75	0 046 74	0 046 84	0 046 85	0 046 86		
Number of modules	1	1	2	2	2	2	2	4	4	4	4	6	6	4	4	4	4		
Connection	Direct	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•		
	Via a current transformer													•	•	•	•		
	Single-phase	•	•	•	•	•	•							•	•	•	•		
Max. current	32 A	45 A	36 A	63 A	63 A	63 A	63 A	63 A	63 A	63 A	63 A	125 A	125 A	5 A (CT)	5 A (CT)	5 A (CT)	5 A (CT)		
	Three-phase																		
Metering and measurement	Total active energy	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•		
	Total reactive energy																		
	Partial active energy (reset)			•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	
	Partial reactive energy (reset)																		
	Active power				•	•	•	•	•	•	•	•	•	•	•	•	•	•	
	Reactive power																		
	Apparent power																		
	Current																		
	Voltage				•	•	•	•	•	•	•	•	•	•	•	•	•	•	
	Frequency				•	•	•	•	•	•	•	•	•	•	•	•	•	•	
	Power factor				•	•	•	•	•	•	•	•	•	•	•	•	•	•	
	Time-of-use				•	•													
	Average active power																		
	Max. average active power value																		
Dual tariff																			
Communication	Pulse output	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•		
	RS 485 interface					•	•	•	•	•	•	•	•	•	•	•	•		
MID compliant		•																	
Operating conditions	Reference temperature	23 °C ± 2 °C																	
	Operating temperature	-20 to +55 °C	-5 to +55 °C	-10 to +45 °C														-5 to +55 °C	
	Storage temperature	-40 to +70 °C	-25 to +70 °C	-25 to +70 °C														-25 to +70 °C	
	Consumption			≤ 8 VA				≤ 4 VA per phase				≤ 2 VA per phase				≤ 1 VA per phase			
	Heat dissipation			≤ 6.5 W				≤ 6 W				≤ 4 W							

Interfacing with IP communication network



1: 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

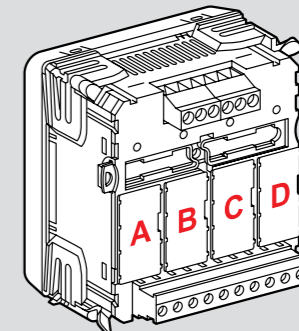
Technical characteristics

Cat.Nos			4 120 45	4 120 47	4 120 51	4 120 52	4 120 53
Connection	Current measurement terminals	Flexible cable	4 mm ²	4 mm ²	4 mm ²	4 mm ²	4 mm ²
		Rigid cable	6 mm ²	6 mm ²	6 mm ²	6 mm ²	6 mm ²
	Other terminals	Flexible cable	2.5 mm ²	2.5 mm ²	2.5 mm ²	2.5 mm ²	2.5 mm ²
Protection index	Front cover		4 mm ²	4.5 mm ²	4 mm ²	4 mm ²	4 mm ²
	Casing	IP 54	IP 54	IP 54	IP 54	IP 54	IP 54
Weight		IP 20	IP 20	IP 20	IP 20	IP 20	IP 20
Display	Type		250 g	285 g	250 g	285 g	285 g
	Refresh time		Backlit LCD	Backlit LCD	Backlit LCD	Backlit LCD	Backlit LCD
Measurements			1.1 s	1.1 s	1 s	1 s	1 s
			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
	From PT	Phase/Neutral	50 - 290 V	86 - 260 V	50 - 290 V	50 - 290 V	50 - 400 V
	Update period	Primary	-	-	max. 1200 V	max. 1200 V	max. 150 kV
Current measurement		Secondary	-	-	-	-	-
	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)
	Minimum measurement	Secondary	5 A	5 A	1 A or 5 A	1 A or 5 A	1 A or 5 A
Power measurement	Input consumption		10 mA	10 mA	5 mA	5 mA	5 mA
	Permanent overload		≤ 1 VA	≤ 1 VA	≤ 1 VA	≤ 1 VA	≤ 0.2 VA
	Intermittent overload		1.2 In	1.2 In	1.2 In	1.2 In	1.2 In
	Update period		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
	Max. CT x PT ratio		0.2s	0.2s	0.2s	0.2s	0.2s
Frequency measurement	Total		9999	9999	99990	99990	1000000 (x/1 A) 2000000 (x/5 A)
	Update period		0 - 9999 kW/ kVA / kVA	0 - 9999 kW/ kVA / kVA	0 - 9999 kW/ kVA / kVA / kVA / MVA	0 - 9999 kW/ kVA / kVA / MVA / MVA	0 - 9999 kW/ kVA / kVA / MVA / MVA
Auxiliary power supply	Measurement range		0.2 s	0.2 s	0.2 s	0.2 s	0.2 s
	Update period		45/65 Hz	45/65 Hz	45/65 Hz - 360/440 Hz	45/65 Hz - 360/440 Hz	45/65 Hz
Operating temperature	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%
Storage temperature	Consumption		≤ 2.5 VA	≤ 2.5 VA	≤ 2.5 VA	≤ 2.5 VA	≤ 2.5 VA
			-	-	≤ 2.5 W	≤ 3.5 W	≤ 3.5 W

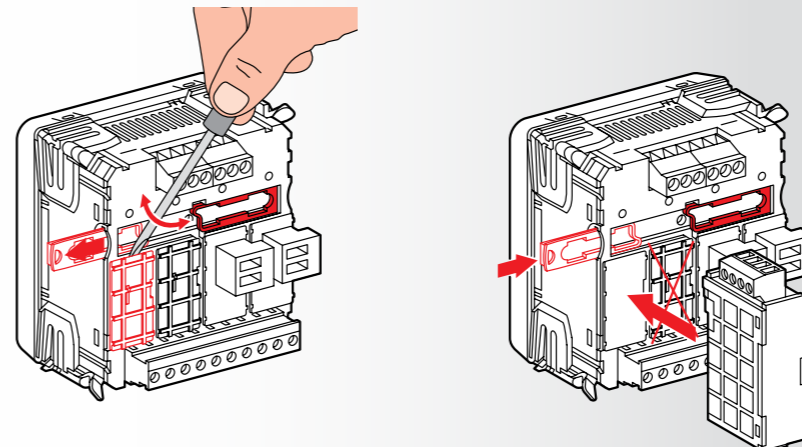
1: except for Cat.No 4 120 53 - 50 Hz only

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

Cat.Nos	Designation	Max. number	EMDX ³ -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

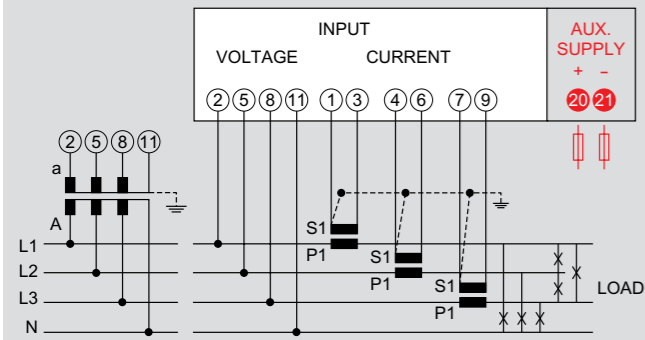


Fitting modules Cat.Nos 4 120 52/53

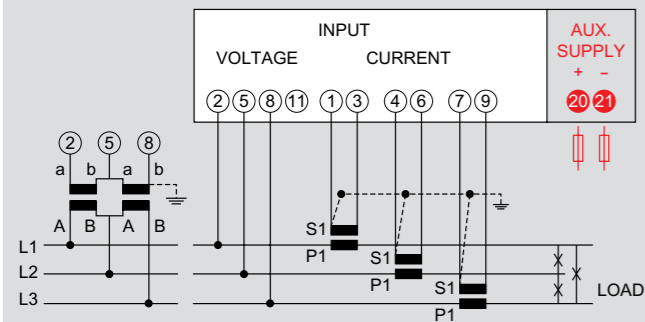


Connection solutions

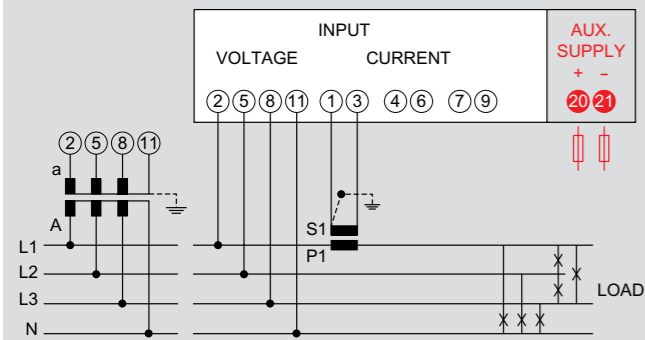
Unbalanced three-phase network (4-wire)



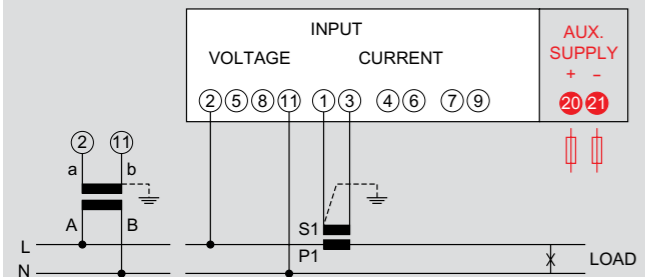
(3-wire)



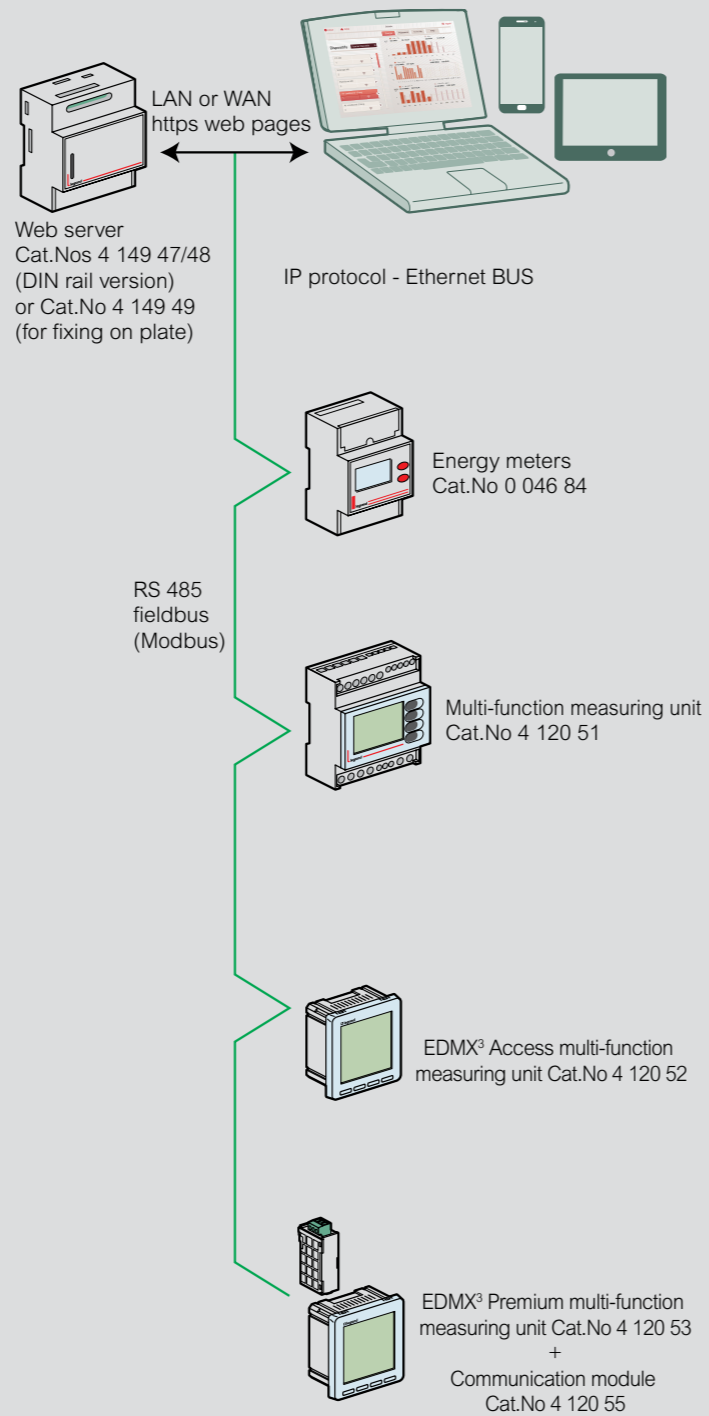
Balanced three-phase network (3-wire)



Single-phase network (2-wire)



Wiring example of communication network



Alpican capacitors



Compact design in cylindrical aluminium can
Biodegradable soft resin impregnant
Dual safety with self healing and overpressure disconnector
Conforming to standard IEC 60831-1 and 2

Three-phase 400 V - 50 Hz

Pack	Cat.Nos	Nominal power (kVA)	
		50 Hz	60 Hz
1	4 151 60	2.5	3
1	4 151 61	5	6
1	4 151 62	6.3	7.6
1	4 151 63	7.5	9
1	4 151 64	10	12
1	4 151 65	12.5	15
1	4 151 66	15	18
1	4 151 67	20	24
1	4 151 68	25	30

Three-phase 415 V - 50 Hz

Pack	Cat.Nos	Nominal power (kVA)	
		50 Hz	60 Hz
1	4 151 69	2.5	3
1	4 151 70	5	6
1	4 151 71	6.3	7.6
1	4 151 72	7.5	9
1	4 151 73	10	12
1	4 151 74	12.5	15
1	4 151 75	15	18
1	4 151 76	20	24
1	4 151 77	25	30

Three-phase 440 V - 50 Hz

Pack	Cat.Nos	Nominal power (kVA)	
		50 Hz	60 Hz
1	4 151 78	2.5	3
1	4 151 79	5	6
1	4 151 80	6.3	7.6
1	4 151 81	7.5	9
1	4 151 82	10	12
1	4 151 83	12.5	15
1	4 151 84	15	18
1	4 151 85	20	24
1	4 151 86	25	30
1	4 151 87	30	36

Three-phase 480 V - 50 Hz

Pack	Cat.Nos	Nominal power (kVA)	
		50 Hz	60 Hz
1	4 151 88	5	6
1	4 151 89	10.4	12.5
1	4 151 90	12.5	15
1	4 151 91	15	18
1	4 151 92	20.8	25
1	4 151 93	25	30
1	4 151 94	30	36

Dry type exist up to 900k VA
Contact your local Legrand Representative for more info

Alpican capacitors

technical characteristics

Technical specifications

Discharge resistors:
Fitted inside, they discharge the unit in accordance with current standards (discharge time, 3 minutes)

Loss factor:
Alpican capacitors have a loss factor of less than 0.2×10^{-3} . This value leads to a power consumption of less than 0.45 W per kVAr, excluding the discharge resistors

Rated frequency: 50/60 Hz

Capacitance: tolerance on the capacitance value: - 5 % / 10 %

Max. permissible voltage:
1.1 Un up to 8 hours daily (according to IEC 60831-1 and 2)

Max. permissible current:
Up to 1.5 Ir including combined effects of harmonics (according to IEC 60831-1 and 2)

Inrush current: up to 200 Ir

Insulation class: 3/15 kV

Standards:
Alpican capacitors comply with:
• International standard: IEC 60831-1 and 2

Temperature class:
Alpican capacitors are designed for a standard -25D temperature class

- Maximum temperature: 55 °C
- Average over 24 hours: 45 °C
- Annual average: 35 °C
- Lowest temperature class: - 25 °C

Cooling: natural or forced

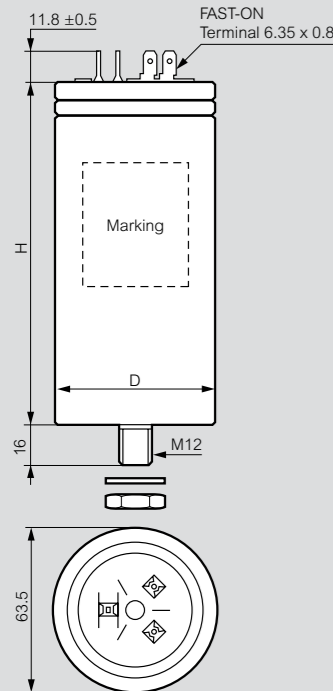
Humidity: max. 95 %

Altitude: max. 4000 m above the sea level

Mounting position: vertical

Dimensions

For capacitors from 2.5 to 5 kVAr - 400 V, 415 V and 440 V



Creepage distance:
• $\varnothing 63.5$: 10.0 mm

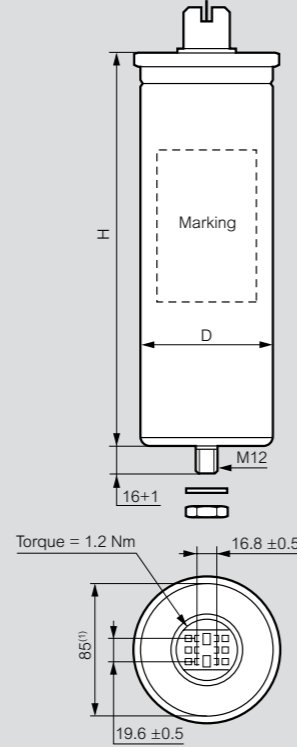
Clearance:
• $\varnothing 63.5$: 16.5 mm

Mounting:
• $\varnothing 63.5$:
M 12, torque 10 Nm
To theed washer J 12.5 DIN 6797
Hex nut BM 12 DIN 439

Cat.No	Nominal power at 50 Hz (kVAr)	Dimensions (mm)			Weight (kg)
		D	H	max. A	
4 151 60	2.5	63.5	129	12	0.4
4 151 61	5	63.5	129	12	0.4
4 151 69	2.5	63.5	129	13	0.4
4 151 70	5	63.5	129	12	0.4
4 151 78	2.5	63.5	129	12	0.3
4 151 79	5	63.5	154	12	0.5

Dimensions (continued)

For capacitors from 6.3 to 30 kVAr - 400 V, 415 V, 440 V and full range of 480 V capacitors



Creepage distance:
• $\varnothing 75 / \varnothing 85$: 9.6 mm

Clearance:
• $\varnothing 75 / \varnothing 85$: 12.7 mm

Mounting:
• $\varnothing 75 / \varnothing 85$:
M 12, torque 10 Nm
To theed washer J 12.5 DIN 6797
Hex nut BM 12 DIN 439

(1) Seaming adds 4 mm in diameter

Cat.No	Nominal power at 50 Hz (kVAr)	Dimensions (mm)			Weight (kg)
		D	H	max. A	
4 151 62	6.3	75	160	13	0.5
4 151 63	7.5	75	160	13	0.5
4 151 64	10	75	198	13	0.6
4 151 65	12.5	85	198	13	0.8
4 151 66	15	85	198	13	0.8
4 151 67	20	85	273	13	1.1
4 151 68	25	85	273	13	1.5
4 151 71	6.3	75	160	13	0.5
4 151 72	7.5	75	198	13	0.6
4 151 73	10	75	198	13	0.6
4 151 74	12.5	85	198	13	0.8
4 151 75	15	85	273	13	1.2
4 151 76	20	85	273	13	1.2
4 151 77	25	85	348	13	1.5
4 151 80	6.3	75	160	13	0.5
4 151 81	7.5	75	160	13	0.5
4 151 82	10	75	198	13	0.6
4 151 83	12.5	85	198	13	0.8
4 151 84	15	85	273	13	1.2
4 151 85	20	85	273	13	1.2
4 151 86	25	85	348	13	1.5
4 151 87	30	85	348	13	1.6
4 151 88	5	75	160	13	0.5
4 151 89	10.4	85	198	13	0.8
4 151 90	12.5	85	198	13	0.8
4 151 91	15	85	273	13	1.2
4 151 92	20.8	85	273	13	1.2
4 151 93	25	85	348	13	1.5
4 151 94	30	90	348	13	1.5

Detuned reactors for Alpican Capacitors

Detuned reactors for Alpican Capacitors

technical characteristics



The detuned reactors are designed to protect the capacitors against harmonics and avoid parallel resonance and amplification of harmonics flowing on the network

The connection of these reactors in series with capacitors causes a shift of the resonance frequency of the circuit composed by feeding transformer-reactors- capacitors so that the resulting self-resonance frequency is well below the line harmonics

The blocking factor p% is expressed by the ratio between inductive reactance and capacitive reactance it corresponds to the increase of voltage applied to capacitors, with respect to line voltage, due to circulation of capacitive current in the reactor
Conforming to standards IEC 60076-6

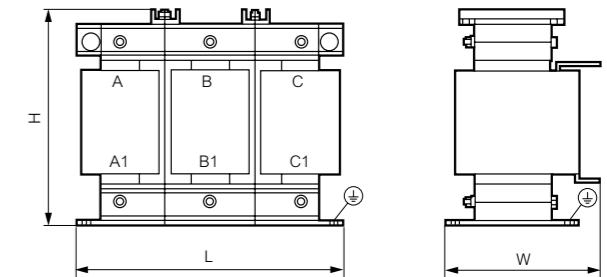
Technical specifications

- Rated line voltage: 400 V / 440 V
- Rated frequency: 50 Hz
- Tolerance on inductance: 0 / + 6 %
- Dielectric test 50 Hz, 3 kV, 60 s, protection class: IP 00
- Cooling method: natural air (AN)
- Ambient temperature: - 5 to + 40 °C
- Elevation above sea level: 1000 m a.s.l.
- Insulation class H
- Insulation level 1.1 kV
- Blocking factor p% = 7 - Tuning order = 3.78 / p% = 13.7 - Tuning order = 2.7
- Thermal protection switch (250 V, 2.5 A) wired on terminal block

Installation and requirements

- Operation and storage temperature: - 25 to + 70 °C
- Selection of the right type according to harmonic pollution
- In operation an adequate air circulation must be guaranteed
- Windings must be installed vertically for better heat dissipation
- The reactor must be protected against overloads and short-circuits by fuses and/or circuit breakers
- Suitable protection against undesired contacts (IP00) must be provided by means of enclosures or boxes protecting the power system where the reactor is installed
- It is imperative that the thermal N.C dry contact be connected in series with the contactor coil, in order to disconnect the step in case of overheating

Dimensions



Aluminium bars

Detuned reactors three-phase 50 Hz tuning frequency 189 Hz

$P\% = 7 / n = 3.78$
To be associated with 440 V / 480 V capacitors

Pack	Cat.Nos	Ln (mH)	IRMS (A)
1	SAH4.31-16.2A	4.31	16.2
1	SAH3.45-20.2A	3.45	20.2
1	SAH2.85-21.0A	2.85	21
1	SAH1.78-38.0A	1.78	38
1	SAH1.73-40.4A	1.73	40.4
1	SAH1.45-42.0A	1.45	42
1	SAH0.90-75.0A	0.90	75
1	SAH0.86-80.8A	0.86	80.8
1	SAH0.72-83.0A	0.72	83
1	SAH0.58-121.2A	0.58	121.2
1	SAH0.48-123.0A	0.48	123
1	SAH0.45-150.0A	0.45	150
1	SAH0.43-161.6A	0.43	161.6

For 3 single-phase capacitors

Pack	Cat.Nos	Ln (mH)	IRMS (A)
1	SAH10.70-12.0A	10.70	12
1	SAH8.55-12.6A	8.55	12.6
1	SAH5.36-23.9A	5.36	23.9
1	SAH4.30-25.1A	4.30	25.1
1	SAH2.68-44.0A	2.68	44
1	SAH2.15-50.0A	2.15	50
1	SAH1.44-74.4A	1.44	74.4
1	SAH1.34-87.0A	1.34	87

Detuned reactors three-phase 50 Hz tuning frequency 135 Hz

$P\% = 14 / n = 2.7$
To be associated with 480 V capacitors

Pack	Cat.Nos	Ln (mH)	IRMS (A)
1	SAH8.10-15.7A	8.1	15.7
1	SAH4.05-31.4A	4.05	28.9
1	SAH2.02-62.8A	2.02	62.8
1	SAH1.35-94.2A	1.35	94.2
1	SAH1.00-125.6A	1	125.6

For 3 single-phase capacitors

Pack	Cat.Nos	Ln (mH)	IRMS (A)
1	SAH14.10-16.0A	14.1	16
1	SAH7.05-31.0A	7.05	31
1	SAH3.52-62.0A	3.52	62

Cat.Nos	Ln (mH)	IRMS (A)	Ptot (W)	Dimensions (mm)			Weight (kg)
				L	W	H	
Tuning frequency 189 Hz							
SAH4.31-16.2A	4.31	16.2	85	180	140	190	11
SAH3.45-20.2A	3.45	20.2	105	180	140	190	11
SAH2.85-21.0A	2.85	21	100	180	115	180	8.5
SAH1.78-38.0A	1.78	38	165	240	140	215	16
SAH1.73-40.4A	1.73	40.4	210	240	140	255	17
SAH1.45-42.0A	1.45	42	160	240	120	225	12
SAH0.90-75.0A	0.9	75	280	240	165	260	26.5
SAH0.86-80.8A	0.86	80.8	270	240	165	280	28
SAH0.72-83.0A	0.72	83	230	240	160	225	22
SAH0.58-121.2A	0.58	121.2	400	300	190	315	40
SAH0.48-123.0A	0.48	123	400	240	172	260	28.5
SAH0.45-150.0A	0.45	150	480	310	200	310	40
SAH0.43-161.6A	0.43	161.6	425	320	210	315	50
SAH10.70-12.0A	10.7	12	170	180	160	185	15
SAH8.55-12.6A	8.55	12.6	100	180	120	190	9.5
SAH5.36-23.9A	5.36	23.9	160	240	185	215	26.5
SAH4.30-25.1A	4.3	25.1	130	240	130	235	13.5
SAH2.68-44.0A	2.68	44	215	240	175	205	25.5
SAH2.15-50.0A	2.15	50	195	240	160	245	23
SAH1.44-74.4A	1.44	74.4	305	240	167	265	29
SAH1.34-87.0A	1.34	87	550	205	200	280	35
Tuning frequency 135 Hz							
SAH8.10-15.7A	8.1	15.7	130	240	140	220	14.5
SAH4.05-31.4A	4.05	28.9	225	240	160	240	22
SAH2.02-62.8A	2.02	62.8	395	300	180	315	38
SAH1.35-94.2A	1.35	94.2	475	320	210	325	51
SAH1.00-125.6A	1	125.6	615	360	210	375	65
SAH14.10-16.0A	14.1	16	170	240	140	205	18
SAH7.05-31.0A	7.05	31	240	240	160	240	27.5
SAH3.52-62.0A	3.52	62	475	340	213	300	53

Automatic power factor controllers Alptec 3.2 / 5.2 / 8.2 and Alptec 8



ALPTEC3.2



ALPTEC5.2



ALPTEC8

Technical characteristics p. 94

Pack	Cat.Nos	Power factor controllers Alptec 3.2 / 5.2 / 8.2
1	ALPTEC3.2 ¹	3 steps expandable to 6 steps Accepts 1 expansion module
1	ALPTEC5.2 ¹	5 steps expandable to 8 steps Accepts 1 expansion module
1	ALPTEC8.2 ¹	8 steps expandable to 14 steps Accepts up to 2 expansion modules

Pack	Cat.Nos	Power factor controller Alptec 8
1	ALPTEC8 ¹	8 steps expandable to a maximum of 18 steps. Controls the connection and disconnection of the steps, in order to maintain the target power factor Detects critical operating conditions (also in systems having high harmonic content) and protects the power factor correction system Connection to single and three-phase lines, three-phase lines with neutral control and co-generation systems with 4-quadrant operation Can be used for medium-voltage applications • Main functions: - regulation adjustment on power factor or tangent phi - automatic identification of sense of CT current flow - extreme reduction of the number of switching operations - balanced use of steps with same power rating - reactive power measurement per installed step - recording of the number of connections per step - capacitor over-current protection - over-temperature protection by internal sensor - accurate no-voltage release protection function - current and voltage harmonic analysis - quick CT programming function • Equipped with: - USB frontal optic for controller programming, diagnostics and data downloads - LCD backlight display for excellent data reading even with bad lighting conditions (6 languages available) - USB and WiFi communication interface for PC, smartphone and tablet connection Can be equipped with specific expansion modules to extend its own functionality Conforming to standard IEC 61010-1, IEC/EN 61000-6-2, IEC/EN 61000-6-3, UL508, CSA C22.2 n°14

¹: Programming software available for download via E-catalogue; App for smartphone & tablet available on Apple Store and Google Play

Expansion modules for Alptec automatic power factor controllers



EXT2GR

Pack	Cat.Nos	Expansion modules
1	EXT2GR	To be mounted at the rear of Alptec power factor controllers Output expansion modules for Alptec 8 and Alptec 3.2 / 5.2 / 8.2 2 relay output For increasing the number of steps
1	EXT3GR	3 relay output For increasing the number of steps
1	EXT4GRS	Output expansion modules for Alptec 8 4 static output - opto-isolated For solid state contactors application
1	EXTHARM	Harmonic protection
1	EXTRS485	Communication expansion ports for Alptec 8 and Alptec 3.2 / 5.2 / 8.2 RS 485 opto-isolated communication interface
1	EXTETH	Communication expansion ports for Alptec 8 Ethernet opto-isolated communication interface
1	EXTPROFI	Opto isolated Profibus - DP interface

Communication accessories for Alptec automatic power factor controllers



4 226 87

Pack	Cat.Nos	Communication accessories
1	4 226 87 ¹	These communication devices can be used to connect Alptec 8 and Alptec 3.2/5.2/8.2 power factor controllers and automatic transfer switch controllers (p. 165) to a computer; smartphone or tablet For programming, downloading data, diagnostics and upgrading the firmware USB front connector 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
1	4 226 88 ¹	Wi-Fi front connector Wi-Fi connection device compatible with computers, smartphones and tablets There is no need to switch off the controller power supply

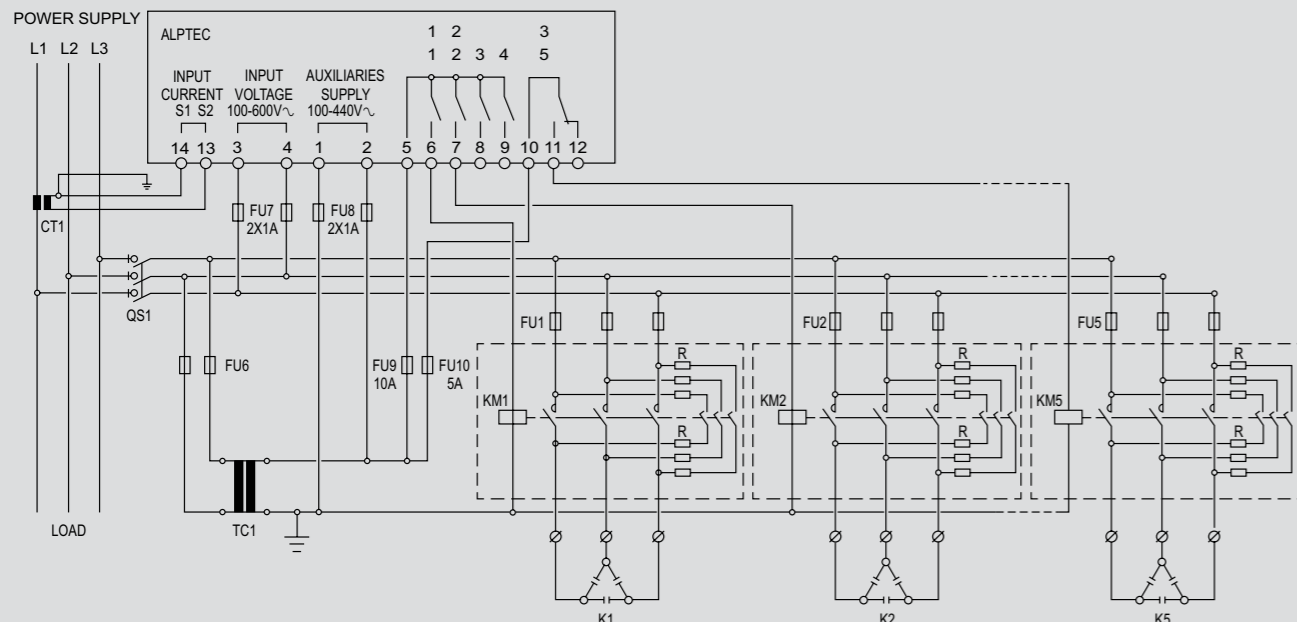
¹: Configuration software available for download via E-catalogue



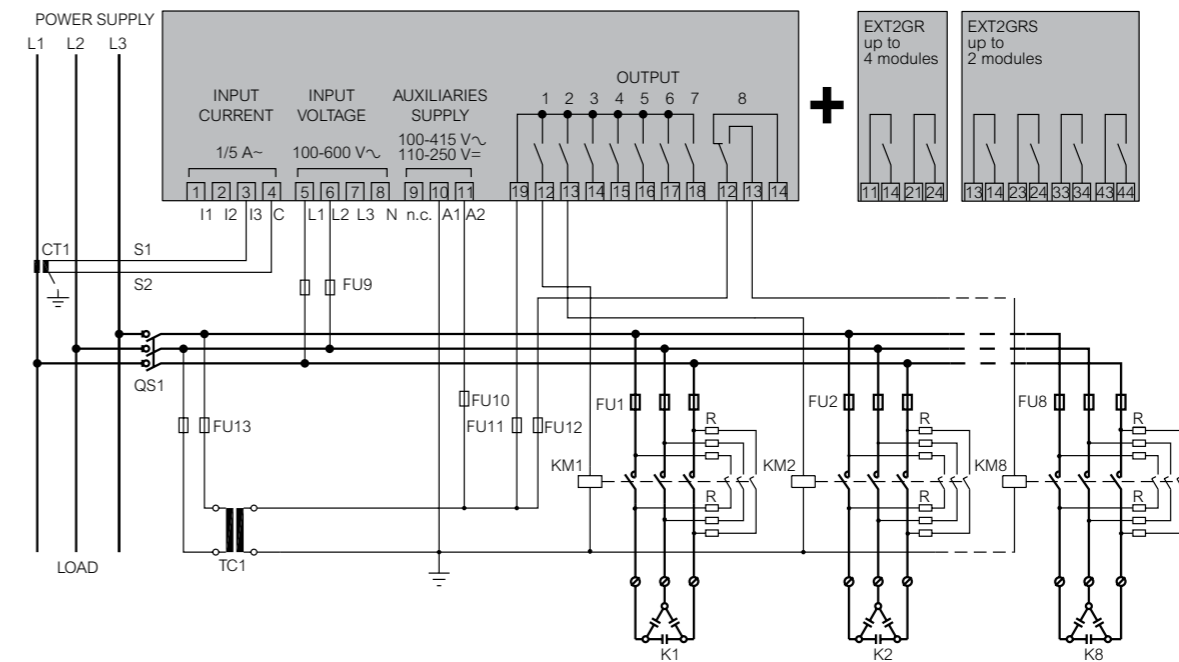
Technical specifications

AUXILIARY SUPPLY CIRCUIT	ALPTEC 3.2 / 5.2 / 8.2	ALPTEC 8
Rated auxiliary voltage Us	100-440 Vac	100-415 VAC
Operation range	- 10 à + 10 %	- 10 to + 10 %
Rated frequency	50 Hz or 60 Hz ± 10 %	50 Hz or 60 Hz ± 10 %
Maximum power consumption	12 VA	12 VA
Maximum power dissipation (output contacts excluded)	4.5 W	4.5 W
VOLTAGE CIRCUIT		
Control voltage	100-600 Vac	100-600 VAC
Operating range	50-720 Vac	50-720 VAC
Rated frequency	50 or 60 Hz ± 10 % - 360-440 Hz	50 or 60 Hz ± 10 % - 360-440 Hz
Immunity time for microbreakings	35 ms (110 Vac) - 80 ms (220-415 Vac)	35 ms (110 VAC) - 80 ms (220-415 VAC)
CURRENT CIRCUIT		
Rated current Ie	Programmable 5 A / 1 A	Programmable 5 A / 1 A
Operating range	0.025-6 A / 0.025-1.2 A	0.025-6 A / 0.025-1.2 A
Constant overload	1.2 Ie	1.2 Ie
Short time withstand current	50 Ie for 1 s	50 Ie for 1 s
Current consumption	0.6 VA	0.6 VA
MEASUREMENT DATA		
Type of voltage-current measurement	TRMS	TRMS
Power factor adjustment	0.5 inductive to 0.5 capacitive	0.5 inductive to 0.5 capacitive
RELAY OUTPUTS		
Numer of outputs	3, 5 or 8 (with EXT2GR / EXT3GR)	8 (up to 14 with EXT3GR / EXT4GRS)
Contact arrangement		7 NO (SPST) + 1 changeover (SPDT) contacts
IEC rated capacity	5 A 250 V (AC1)	5 A 250 V (AC1)
Maximum capacity of common terminal of contacts	10 A	10 A
Maximum switching voltage	415 VAC	415 VAC
UL/CSA and IEC/EN 60947-5-1 designation	B300	B300
Electical life (at rated load)	10 ⁵ cycles	10 ⁵ cycles
Mechanical life	30 x 10 ⁶ cycles	30 x 10 ⁶ cycles
STATIC OUTPUTS		
Number of outputs	-	4 or 8 with EXP4GRS
CONNECTIONS		
Type of terminal	Removable/plug-in	Removable/plug-in
Conductor section min-max	0.2 - 2.5 mm ² (24 - 12 AWG)	0.2 - 2.5 mm ² (24 - 12 AWG)
AMBIENT CONDITIONS		
Operating temperature	- 30... + 70 °C	- 30... + 70 °C
Storage temperature	- 30... + 80 °C	- 30... + 80 °C
HOUSING		
IEC degree of protection	IP 54	IP 54

3-phase, standard wiring diagram: ALPTEC 3.2 / 5.2

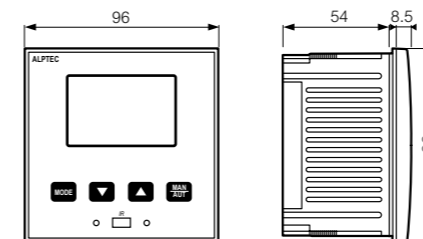


3-phase, standard wiring diagram: ALPTEC 8

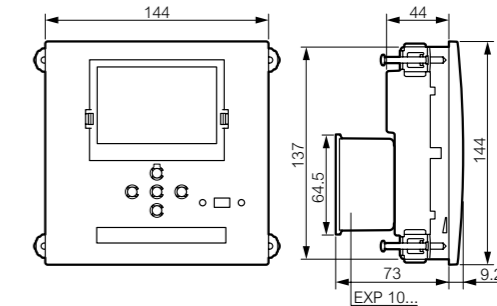


Dimensions

Alptec 3.2 / 5.2

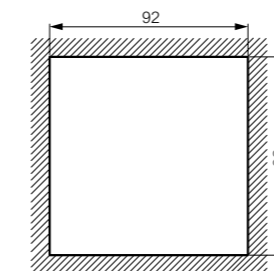


Alptec 8.2 and 8

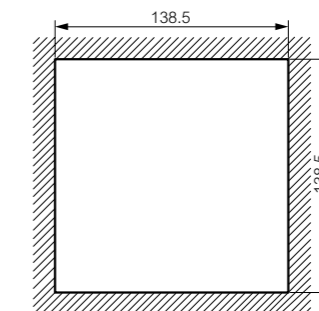


Cut-out

Alptec 3.2 / 5.2



Alptec 8.2 and 8





MCB'S RCDS & DIN RAIL EQUIPMENT



P. 98
MCBs TX³ 6000



P. 98
MCBs DX³ 6000



P. 101
RCBOs



P. 102
RCCBs



P. 103
Isolating and
Changeover
Switches



P. 105
Class I+II Low
Voltage SPDs



P. 107
Digital Time
Switches



P. 108
Programmable Time
Switches



P. 109
Delay Timers



RCBOs
(p. 101)



Digital Time
Switches
(p. 107)



Delay Timers
(p. 109)

MCBs TX³ 6000

thermal magnetic MCBs from 2 A to 63 A - B & C curve



4 034 34 4 035 32 4 035 51

MCBs DX³ 6000 - 10 kA

thermal magnetic circuit breakers from 1 A to 63 A - D curve



4 079 67 4 080 33

MCBs DX³ 10000 - 16 kA

thermal magnetic circuit breakers from 1 A to 125 A - C curve



4 091 11 4 092 03 4 092 82

Conform to AS/NZS 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 - AS/NZS 60898-1 - 230/400 V~
6 kA - AS/NZS 60947-2 - 230/400 V~
Can be equipped with DX³ signalling and remote tripping auxiliaries and motorised controls
Can be equipped with DX³ auxiliaries and accessories

Conform to AS/NZS 60898-1
Breaking capacity
6000 - AS/NZS 60898-1 - 400 V~
10 kA - AS/NZS 60947-2 - 400 V~
Can be equipped with DX³ auxiliaries and accessories

Conform to IEC 60898-1
Breaking capacity
10000 - AS/NZS 60898-1 - 400 V~
16 kA - AS/NZS 60947-2 - 400 V~
Can be equipped with DX³ auxiliaries and accessories

Pack	Cat.No.	Single pole 230/400 V~	Nominal rating In (A)	Number of modules
		C curve		
10	4 034 30	6	1	
10	4 034 32	10	1	
10	4 034 33	13	1	
10	4 034 34	16	1	
10	4 034 35	20	1	
10	4 034 36	25	1	
10	4 034 37	32	1	
10	4 034 38	40	1	
10	4 034 39	50	1	
10	4 034 40	63	1	
		2-pole 230/400 V~		
		C curve		
5	4 035 21	6	2	
5	4 035 24	10	2	
5	4 035 26	13	2	
5	4 035 27	16	2	
5	4 035 28	20	2	
5	4 035 29	25	2	
5	4 035 30	32	2	
5	4 035 31	40	2	
5	4 035 32	50	2	
5	4 035 33	63	2	
		3-pole 400 V~		
		C curve		
1	4 035 38	6	3	
1	4 035 41	10	3	
1	4 035 43	13	3	
1	4 035 44	16	3	
1	4 035 45	20	3	
1	4 035 46	25	3	
1	4 035 47	32	3	
1	4 035 48	40	3	
1	4 035 49	50	3	
1	4 035 50	63	3	

Pack	Cat.No.	MCBs DX ³ 6000 - 10 kA - D curve	Nominal rating In (A)	Number of modules
		Single pole 230/400 V~		
		D curve		
1	4 079 67	6	1	
1	4 079 69	10	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~		
1	4 080 27	6	2	
1	4 080 29	10	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~		
1	4 080 85	6	3	
1	4 080 87	10	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~		
1	4 081 43	6	4	
1	4 081 45	10	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	

Pack	Cat.No.	MCBs DX ³ 10000 - 16 kA - C curve	Nominal rating In (A)	Number of modules
		Single pole 230/400 V~		
		C curve		
1	4 091 07	1	1	
1	4 091 08	2	1	
1	4 091 09	3	1	
1	4 091 11	6	1	
1	4 091 12	10	1	
1	4 091 13	13	1	
1	4 091 14	16	1	
1	4 091 15	20	1	
1	4 091 16	25	1	
1	4 091 17	32	1	
1	4 091 18	40	1	
1	4 091 19	50	1	
1	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~		
1	4 091 95	1	2	
1	4 091 96	2	2	
1	4 091 97	3	2	
1	4 091 99	6	2	
1	4 092 00	10	2	
1	4 092 01	13	2	
1	4 092 02	16	2	
1	4 092 03	20	2	
1	4 092 04	25	2	
1	4 092 05	32	2	
1	4 092 06	40	2	
1	4 092 07	50	2	
1	4 092 08	63	2	
		3-pole 400 V~		
1	4 092 47	1	3	
1	4 092 48	2	3	
1	4 092 49	3	3	
1	4 092 51	6	3	
1	4 092 52	10	3	
1	4 092 53	13	3	
1	4 092 54	16	3	
1	4 092 55	20	3	
1	4 092 56	25	3	
1	4 092 57	32	3	
1	4 092 58	40	3	
1	4 092 59	50	3	
1	4 092 60	63	3	
1	4 092 80	80	4.5	
1	4 092 81	100	4.5	
1	4 092 82	125	4.5	

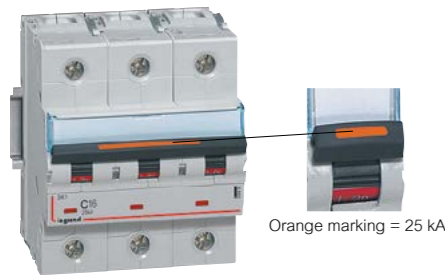
Pack	Cat.No.	MCBs DX ³ 10000 - 16 kA - C curve (continued)	Nominal rating In (A)	Number of modules
		4-pole 400 V~		
		C curve		
1	4 093 29	1	4	
1	4 093 30	2	4	
1	4 093 31	3	4	
1	4 093 33	6	4	
1	4 093 34	10	4	
1	4 093 35	13	4	
1	4 093 36	16	4	
1	4 093 37	20	4	
1	4 093 38	25	4	
1	4 093 39	32	4	
1	4 093 40	40	4	
1	4 093 41	50	4	
1	4 093 42	63	4	

MCBs

thermal magnetic MCBs from 6 A to 125 A

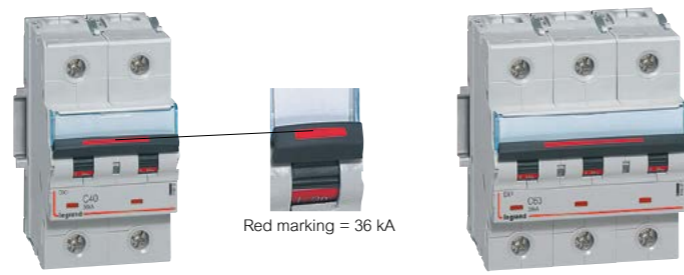
MCBs DX³ - 36 kA – 50 kA

thermal magnetic MCBs from 6 A to 63 A



4 097 81

Orange marking = 25 kA



4 100 12

Red marking = 36 kA

4 100 27

Breaking capacity:
25 kA - AS/NZS 60947-2 - 400 V~
Can be equipped with DX³ auxiliaries and accessories

Breaking capacity:
36 kA - AS/NZS 60947-2 - 400 V~
Can be equipped with DX³ auxiliaries and accessories

Pack	Cat.No.	MCBs DX ³ - 25 kA - C curve	Nominal rating In (A)	Number of modules
		Single pole 230/400 V~		
		C curve		
1	4 097 53		6	1
1	4 097 54		10	1
1	4 097 55		16	1
1	4 097 56		20	1
1	4 097 57		25	1
1	4 097 58		32	1.5
1	4 097 59		40	1.5
1	4 097 60		50	1.5
1	4 097 61		63	1.5
1	4 097 62		80	1.5
1	4 097 63		100	1.5
1	4 097 64		125	1.5
		3-pole - 400 V~		
1	4 097 79		6	3
1	4 097 80		10	3
1	4 097 81		16	3
1	4 097 82		20	3
1	4 097 83		25	3
1	4 097 84		32	4.5
1	4 097 85		40	4.5
1	4 097 86		50	4.5
1	4 097 87		63	4.5
1	4 097 88		80	4.5
1	4 097 89		100	4.5
1	4 097 90		125	4.5

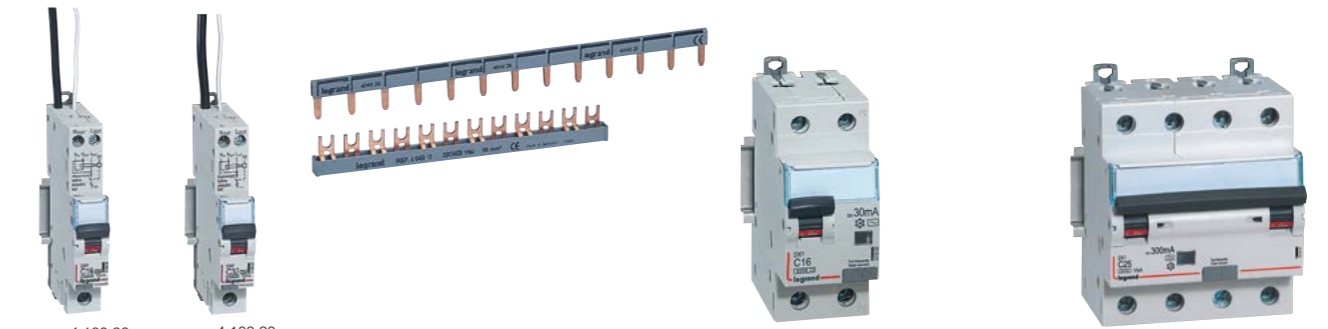
Pack	Cat.No.	MCBs DX ³ - 36 kA - C curve	Nominal rating In (A)	Number of modules
		2-pole 230 V~		
		C curve		
1	4 100 07		6	1.5
1	4 100 08		10	1.5
1	4 100 09		16	1.5
1	4 100 10		20	1.5
1	4 100 11		25	1.5
1	4 100 12		32	1.5
1	4 100 13		40	1.5
1	4 100 14		50	1.5
1	4 100 15		63	1.5
		3-pole - 400 V~		
1	4 100 20		6	4.5
1	4 100 21		10	4.5
1	4 100 22		16	4.5
1	4 100 23		20	4.5
1	4 100 24		25	4.5
1	4 100 25		32	4.5
1	4 100 26		40	4.5
1	4 100 27		50	4.5
1	4 100 28		63	4.5

Breaking capacity:
50 kA - AS/NZS 60947-2 - 400 V~
Can be equipped with DX³ auxiliaries and accessories

Pack	Cat.No.	MCBs DX ³ - 50 kA - C curve	Nominal rating In (A)	Number of modules
		Single pole 230/400 V~		
		C curve		
1	4 101 34		10	1.5
1	4 101 35		16	1.5
1	4 101 36		20	1.5
1	4 101 37		25	1.5
1	4 101 38		32	1.5
1	4 101 39		40	1.5
1	4 101 40		50	1.5
1	4 101 41		63	1.5
		3-pole - 400 V~		
1	4 101 60		10	4.5
1	4 101 61		16	4.5
1	4 101 62		20	4.5
1	4 101 63		25	4.5
1	4 101 64		32	4.5
1	4 101 65		40	4.5
1	4 101 66		50	4.5
1	4 101 67		63	4.5

RCBOs

residual current circuit breakers from 6 A to 63 A – AC and A types



4 189 26

4 189 29

4 110 02

4 112 41

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

Conform to AS/NZS 61009-1
Breaking capacity:
[6000] - AS/NZS 61009-1 - 10 kA / AS/NZS 60947-2 for single pole + neutral,
2 and 4-pole
• AC type : detect AC component faults
• A type : detect AC and DC component faults
Can be equipped with DX³ auxiliaries and accessories

Pack	Cat.Nos	Single pole with neutral tail - 230 V~	Nominal rating In (A)	Number of modules
		A Type 10 mA		
		C curve		
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

Pack	Cat.No.	Single pole + neutral - 230 V~	Nominal rating In (A)	Number of modules
		AC Type 10 mA		
		C curve		
1	4 109 93		16	2
		AC Type 30 mA		
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
		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

Conform to AS/NZS 61009-1
Compatible with prong-type supply busbars
Breaking capacity:
• A type : detect AC and DC component faults
Can be equipped with DX³ auxiliaries and accessories

Pack	Cat.Nos	Single pole + neutral - 230 V~	Nominal rating In (A)	Number of modules
		A Type 10 mA		
		Neutral on left-hand side		
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

Pack	Cat.No.	4-pole - 400 - 230 V~	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
		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

RCCBs TX³
residual current circuit breakers from 16 A to 80 A - AC and A types

RCCBs
residual current devices 16 A to 80 A - AC and A types



Conform to AS/NZS 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

Conform to AS/NZS 61008 - 1
• AC type : detect AC component faults
• A type : detect AC and DC component faults
Can be equipped with DX³ auxiliaries and accessories

Pack	Cat.Nos	2-pole - 230 V~		
		AC type		
		Sensitivity (mA)	In (A)	Number of modules
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

Pack	Cat.No.	2-pole - 230 V~		
		AC Type 30 mA		
		Nominal rating In (A)	Number of modules	
1	4 115 04	25	2	
1	4 115 05	40	2	
1	4 115 06	63	2	
1	4 115 07	80	2	
		AC Type 100 mA		
1	4 115 14	25	2	
1	4 115 15	40	2	
		AC Type 300 mA		
1	4 115 25	40	2	
1	4 115 26	63	2	
		A Type 30 mA		
1	4 115 54	25	2	
1	4 115 55	40	2	
1	4 115 56	63	2	
1	4 115 57	80	2	
		A Type 300 mA		
1	4 115 70	40	2	
1	4 115 71	53	2	

Pack	Cat.No.	4-pole - 400 V~ - neutral on right-hand side		
		AC Type 30 mA		
		Nominal rating In (A)	Number of modules	
1	4 117 02	25	4	
1	4 117 03	40	4	
1	4 117 04	63	4	
1	4 117 05	80	4	
		AC Type 300 mA		
1	4 117 23	40	4	
1	4 117 24	63	4	
1	4 117 25	80	4	
		A Type 30 mA		
1	4 117 59	25	4	
1	4 117 60	40	4	
1	4 117 61	63	4	
1	4 117 62	80	4	
		A Type 300 mA		
1	4 117 80	40	4	

Pack	Cat.Nos	4-pole 400 V~		
		Neutral on right-hand side		
		AC type		
		Sensitivity (mA)	In (A)	Number of modules
1	4 117 07	30	25	2
1	4 117 08	30	40	2
1	4 117 09	30	63	2
1	4 117 10	30	80	2
1	4 117 17	100	25	2
1	4 117 18	100	40	2
1	4 117 19	100	63	2
1	4 117 20	100	80	2
1	4 117 27	300	25	2
1	4 117 28	300	40	2
1	4 117 29	300	63	2
1	4 117 30	300	80	2
		A type		
1	4 117 64	30	25	2
1	4 117 65	30	40	2
1	4 117 66	30	63	2
1	4 117 67	30	80	2
1	4 117 74	100	25	2
1	4 117 75	100	40	2
1	4 117 76	100	63	2
1	4 117 77	100	80	2
1	4 117 84	300	25	2
1	4 117 85	300	40	2
1	4 117 86	300	63	2
1	4 117 87	300	80	2

Isolating and changeover switches

Add-on modules DX³
for 1.5 module/pole DX³ MCBs



Pack	Cat.Nos	Changeover switches	
		Conform to IEC 60669-1 Nominal rating 32 A Compatible with fluorescent lamps (20 AX)	
		Two-way - 250 V~	
		Connection	Number of modules
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

Conform to AS/NZS 61009-1
• AC type : detect AC components faults
• Hpi type : detect faults with AC and DC components, increased immunity to false tripping
For mounting on the right-hand side of 1.5 module per pole DX³ MCBs

Pack	Cat.Nos	2-pole - 230 V~		
		Hpi Type		
		Sensitivity (mA)	Nominal rating In (A)	Number of modules
1	4 105 76	30	63	2
1	4 105 77	30	125	4
		Hpi 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~		
		Hpi Type		
		Sensitivity (mA)	Nominal rating In (A)	Number of modules
1	4 106 05	30	63	3
1	4 106 06	30	125	3
1	4 106 08	300	63	3
		Hpi 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		
		Sensitivity (mA)	Nominal rating In (A)	Number of modules
1	4 106 24	30	125	6
1	4 106 28	300	125	6
		Hpi Type		
1	4 106 36	30	63	3
1	4 106 37	30	125	6
1	4 106 40	300	63	3
		Hpi Type adjustable		
1	4 106 43	from 300 to 1000	63	6
1	4 106 44	from 300 to 1000	125	6

Pack	Cat.Nos	Isolating switches	
		1P - 250V a.c.	
		Nominal rating In (A)	Number of modules
10	406412	63	1
10	406423	100	1
		2P - 400V a.c.	
5	406441	63	2
5	406449	100	2
5	406450	125	2
		3P - 400V a.c.	
1	406461	63	3
1	406469	100	3
1	406470	125	3

Pack	Cat.Nos	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

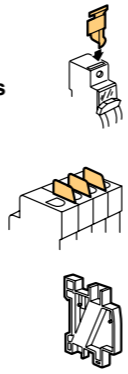
Auxiliaries, remote control and accessories



4 062 58 4 062 60 4 062 62 4 062 66 4 062 78 4 062 82 4 062 91

Pack	Cat.No.	Auxiliaries	No. of modules
		Mounted on the left-hand side of the devices Possible configuration per device: 3 auxiliaries including 1 control auxiliary Auxiliaries common to MCBs, RCBOs, RCCBs and main switches Allow insertion of the supply busbar	
		Signalling auxiliaries	
1	4 062 58	Auxiliary changeover switch, 6 A - 250 V~ Indicates the position of the contacts of the MCB, RCCB or main switch	0.5
1	4 062 60	Fault signalling changeover switch, 6 A - 250 V~ Indicates opening on a fault	0.5
1	4 062 62	Auxiliary changeover switch, 6 A - 250 V~ Can be changed to a fault signalling changeover switch	0.5
1	4 062 66	Auxiliary changeover switch + fault signalling changeover switch, 6 A - 250 V~ Can be changed to 2 auxiliary changeover switches	1
		Current shunt trips	
		Used for remote tripping of an MCB, RCCB, RCBO or main switch at the supply end	
1	4 062 76	12 to 48 V~/=	1
1	4 062 78	110 to 415 V~	1
		Undervoltage releases	
		Time delay adjustable from 0 to 300 ms	
1	4 062 80	24 to 48 V~/=	1
1	4 062 82	230 V~	1

Pack	Cat.No.	Motorised controls	No. of modules
		For mounting on the left-hand side of 1 module/pole MCBs, RCBOs and RCCBs Enable the products with which they are used to be opened and closed remotely Take one control auxiliary and one signalling auxiliary The signalling auxiliary must be placed between the remote control and the control auxiliary	
		Standard	
		Control voltage	No. of modules
1	4 062 91	230 V~	1
		With integrated automatic resetting	
		Automatically resets the product with which it is used, thus ensuring continuity of service	
1	4 062 93	24-48 V~/=	2
1	4 062 95	230 V~	2
		Accessories	
		Padlocking	
2	4 063 03	Support for one Ø5 or Ø6 mm padlock for DX³ MCBs and RCCBs or main switches	
		Sealable screw cover - 4 separable poles	
2	4 063 04	For DX³ MCBs, 1 module per pole	
2	4 063 12	For DX³ MCBs, 1.5 module per pole	
		Insulating shields	
		For DX³ MCBs, 1 module per pole	
1	4 063 05	Pole insulating shield (set of 6)	
		Spacing units with feedthrough	
10	4 063 07	0.5 module	
		Terminal shields	
1	4 063 06	For 1.5 module/pole products (set of 2)	



Class I+II (T1+T2) low voltage SPDs



4 122 75 4 122 30 4 122 99 4 122 46

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4112246

Protection against transient overvoltages for 230/400 V~ power networks (50/60 Hz). SPDs compliant with AS/NZS 61643-11 standards
Recommended for main distribution boards
Class I+II (T1+T2) : SPDs tested and specified according to both T1 and T2 test classes

Pack	Cat.Nos	SPDs for general protection of main distribution board	Number of poles	Neutral position	I _{total} (10/350)	Remote status monitoring (FS contact)	Number of modules
		SPDs with plug-in modules and status indicators: - Green: SPD operational - Orange: plug-in modules to be replaced Earthing systems: TT, TNC, TNS					
		T1+T2 - Iimp 12,5 kA/pole					
		For general protection of big installations and protection of small installations with external lightning protection (LPS). Up: 1.5 kV - I _{max} : 60 kA/pole - U _c : 320 V~ Recommended MCB: DX³ 63 A - C curve					
1	4 122 70	1P	-	12.5 kA	No	1	
1	4 122 74 ¹	1P+N	Left	25 kA	Yes	2	
1	4 122 76 ¹	1P+N	Right	25 kA	Yes	2	
1	4 122 71	2P	-	25 kA	No	2	
1	4 122 72	3P	-	37.5 kA	Yes	3	
1	4 122 75 ¹	3P+N	Left	50 kA	Yes	4	
1	4 122 77 ¹	3P+N	Right	50 kA	Yes	4	
1	4 122 73	4P	-	50 kA	No	4	
		T1+T2 - Iimp 8 kA/pole					
		SPDs for small installations without external lightning protection (LPS). Up: 1.3 kV - I _{max} : 50 kA/pole - U _c : 320 V~ Recommended MCB: DX³ 40 A - C curve					
1	4 122 50	1P	-	8 kA	No	1	
1	4 122 54 ¹	1P+N	Left	16 kA	No	2	
1	4 122 56 ¹	1P+N	Right	16 kA	No	2	
1	4 122 51	2P	-	16 kA	No	2	
1	4 122 52	3P	-	25 kA	No	3	
1	4 122 55 ¹	3P+N	Left	25 kA	No	4	
1	4 122 57 ¹	3P+N	Right	25 kA	No	4	
1	4 122 53	4P	-	32 kA	No	4	

1: 1P+N and 3P+N: L-N and N-PE protection modes (common and differential modes), take N pole being protected by encapsulated spark gaps. Also called 1+1 and 3+1

Pack	Cat.Nos	T2 SPDs for protection of a sub-distribution board	Number of poles	Neutral position	Remote status monitoring (FS contact)	Number of modules
		SPDs with plug-in modules and status indicators: - Green: SPD operational - Orange: plug-in modules to be replaced				
		T2 - I_{max} 40 kA/pole				
		SPDs recommended for power installations Up: 1.7 kV - I _n : 20 kA/pole - U _c : 320 V~ Earthing systems : TT, TNC, TNS Recommended MCB: DX³ 25 A - C curve				
1	4 122 40	1P	-	No	No	1
1	4 122 44 ¹	1P+N	Left	No	No	2
1	4 122 46 ¹	1P+N	Right	No	No	2
1	4 122 41	2P	-	No	No	2
1	4 122 42	3P	-	Yes	Yes	3
1	4 122 45 ¹	3P+N	Left	No	No	4
1	4 122 47 ¹	3P+N	Right	No	No	4
1	4 122 43	4P	-	No	No	4
		T2 - I_{max} 40 kA/pole - 440V~ (IT)				
		SPDs recommended for big installations Up: 2.1 kV - I _n : 20 kA/pole - U _c : 440 V~ Earthing systems : TT, TNC, TNS, IT Recommended MCB: DX³ 25 A - C curve				
1	4 122 30	1P	-	No	No	1
1	4 122 32	3P	-	Yes	Yes	3
1	4 122 33	4P	-	Yes	Yes	4
		T2 - I_{max} 20 kA/pole				
		SPDs recommended for small installations Up: 1.2 kV - I _n : 5 kA/pole - U _c : 320 V~ Earthing systems : TT, TNC, TNS Recommended MCB: DX³ 20 A - C curve				
1	4 122 20	1P	-	No	No	1
1	4 122 24 ¹	1P+N	Left	No	No	2
1	4 122 26 ¹	1P+N	Right	No	No	2
1	4 122 21	2P	-	No	No	2
1	4 122 25 ¹	3P+N	Left	No	No	4
1	4 122 27 ¹	3P+N	Right	No	No	4
1	4 122 23	4P	-	No	No	4

Pack	Cat.Nos	Replacement plug-in modules
		For SPDs T2 - 40 kA Cat.Nos 4 122 40/41/42/43/44/45/ 46/47/64/65/66/67
1	4 123 00	N-PE module for SPDs T2 - 40 kA Cat.Nos 4 122 44/45/46/47
1	4 123 01	For SPDs T2 - 440 V Cat.Nos 4 122 30/32/33
1	4 122 97	For SPDs T2 - 20 kA Cat.Nos 4 122 20/21/23/24/25/26/27/60/61/62/63
1	4 122 98	N-PE module for SPDs T2 - 20 kA Cat.Nos 4 122 24/25/26/27

1: 1P+N and 3P+N: L-N and N-PE protection modes (common and differential modes), the N pole being protected by encapsulated spark gaps. Also called 1+1 and 3+1

Class II low voltage SPDs



Protection against transient overvoltages for 230/400 V~ power networks (50/60 Hz). SPDs compliant with AS/NZS 61643-11 standards Recommended for distribution boards

Pack	Cat.Nos	T2 add-on SPDs			
		SPDs with plug-in modules and status indicators: - Green: SPD operational - Orange: plug-in modules to be replaced SPDs providing increased safety during their lifetime and maintenance cycles. Prewired MCB connexions for increased reliability and for quick and easy Installation. To be equipped with DX ³ MCBs (1 module/pole) Earthing systems: TT, TNS			
		T2 - I_{max} 40 kA/pole SPDs recommended for power installations Up: 1.7 kV - In: 20 kA/pole - Uc: 320 V~ Recommended MCB: DX ³ 25 A - C curve			
		Number of poles	Neutral position	Remote status monitoring (FS contact)	Number of modules
1	4 122 64 ¹	1P+N	Left	Yes	4
1	4 122 66 ¹	1P+N	Right	Yes	4
1	4 122 65 ¹	3P+N	Left	Yes	8
1	4 122 67 ¹	3P+N	Right	Yes	8
		T2 - I_{max} 20 kA/pole SPDs recommended for small installations Up: 1.2 kV - In: 5 kA/pole - Uc: 320 V~ Recommended MCB: DX ³ 20A - C curve			
1	4 122 60 ¹	1P+N	Left	Yes	4
1	4 122 62 ¹	1P+N	Right	Yes	4
1	4 122 61 ¹	3P+N	Left	Yes	8
1	4 122 63 ¹	3P+N	Right	Yes	8

Pack	Cat.Nos	SPDs for high risk level installations					
		SPDs for big installations with external lightning protection (LPS) and for high risk level installations according to EN/IEC 62305 standards SPDs with plug-in modules and status indicators: - Green: SPD operational - Red: plug-in modules to be replaced T1 + T2 - I_{limp} 35 kA/pole - 440V~ (IT) - Plug-in Up: 2.5 kV - Uc: 440 V~ Earthing systems: TT, TNC, TNS, IT Recommended MCCB: DPX ³ 160 - 80 A					
		Number of poles	Neutral position	I _{total} (10/350)	Remote status monitoring (FS contact)	Number of modules	
1	4 122 80	1P	-	35 kA	Yes	2	
		SPDs for high risk level installations					
		T1 + T2 - I_{limp} 25 kA/pole Up: 1.5 kV - Uc: 350 V~ Earthing systems: TT, TNC, TNS. Recommended MCCB: DPX ³ 160 - 80 A					
1	4 122 81 ¹	1P+N	Right	50 kA	Yes	4	
1	4 122 82	3P	-	75 kA	Yes	6	
1	4 122 83 ¹	3P+N	Right	100 kA	Yes	8	
		Replacement plug-in modules					
1	4 123 02	For SPDs T1+T2 - 8 kA Cat.Nos 4 122 50/51/52/53/54/55/56/57					
1	4 123 03	For SPDs T1+T2 - 12.5 kA Cat.Nos 4 122 70/71/72/73/74/75/76/77					
1	4 122 84	For SPDs T1+T2 - 25 kA Cat.Nos 4 122 81/82/83 and 0 030 20/22/23/27					
1	4 122 85	N-PE module for SPDs T1+T2 - 25 kA Cat.Nos 4 122 81/83 and 0 030 23					
1	4 122 86	For SPDs T1+T2 - 35 kA Cat.No 4 122 80					
		Cabling accessories					
1	4 123 10	Ready to use cabling kit consisting of 5 conductors (including the earth conductor) Cross section :16mm ² Lenght : 40cm For cabling SPDs in industrial enclosures (for EN/IEC 61439 compliance).					

Digital time switches with digital display



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

Pack	Cat.Nos	Standard - daily or weekly programme with 3 years clock working reserve		Pack	Cat.Nos	2 outputs multiple functions annual programme - 5 years clock working reserve	
		Compatible with alternative renewable energy systems such as photovoltaic panels Automatic summer/winter changeover Clock precision: ± 1 sec per day Minimum programme setting: 1 min 28 programmes - Battery type: CR2032				Programme settings: on daily, weekly or yearly basis 15 languages A programme consists of a on and off time and their assignment 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 Programmed directly on keypad, or using program transfer key Cat.No 4 128 72	
1	0 037 10	Power supply 120/230 V~ - 50/60 Hz	Number of modules: 1	1	4 126 30	Power supply 230 V~ - 50/60 Hz	Number of modules: 2
		1 output 16 A - 250 V~ μ cos φ = 1 per 1 inverter contact				2 outputs - 230 V~ - 50/60 Hz Astronomical function 2 x 3 x 28 = 168 programmes	
		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 assignment 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.) Programmed directly on keypad, or using program transfer key Cat.No 4 128 72 Additional functions including random (irregular cycles), hour counters				4 outputs multiple functions annual programme - 5 years clock working reserve 15 languages High precision clock: ± 0.2 sec per day For programming periods throughout the year 28 programmes per channel possible: - daily - weekly / astronomical programmes - yearly programmes - exceptional programmes Manual override (switch on and off) for every channel on the front of the switch Programmed directly on keypad, or using programme transfer key supplied	
1	4 126 81	Power supply 230 V~ - 50/60 Hz	Number of modules: 1	1	047 70	Annual programme	Number of modules: 6
		1 Output 16A - 250V~ 26 programmes μ cos φ = 1 per 1 inverter contact Bluetooth Connection				4 outputs - 120/230 V~ - 50/60 Hz Astronomical function	
1	4 126 31	1 output 16 A - 250 V~ 56 programmes	2	1	047 82	Battery	
		μ cos φ = 1 per 1 inverter contact				Working reserve 5 years for Cat.No 0 047 70	
1	4 126 41	2 output 16 A - 250 V~ 2 x 28 programmes	2			Programming transfer key	
		μ cos φ = 1 per 2 inverters contacts				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 programming software installed on a PC running Windows (loading on data loader)	
1	4 126 54	1 output 16 A - 250 V~ Astronomical function 56 programmes	2	10	4 128 72		
		μ cos φ = 1 per 1 inverter contact					
1	4 126 57	2 outputs 16 A - 250 V~ Astronomical function 2 x 28 programmes				Programming software	
		μ cos φ = 1 per 2 inverter contacts				Can be used to create, save and transfer program settings for multifunction and multi-programme time switches, Cat.Nos 0 047 70, 4 126 30/31/32/33/41/54/57 Data is transferred to the program transfer key Cat.No 4 128 72, using the data loader connected to the USB port of the PC Kit comprising software on CD-ROM, data loader and transfer key Windows XP, Windows 7, Windows 8 compatible	

Programmable time switches with analogue dial



Programmable time switches with analogue and digital dial



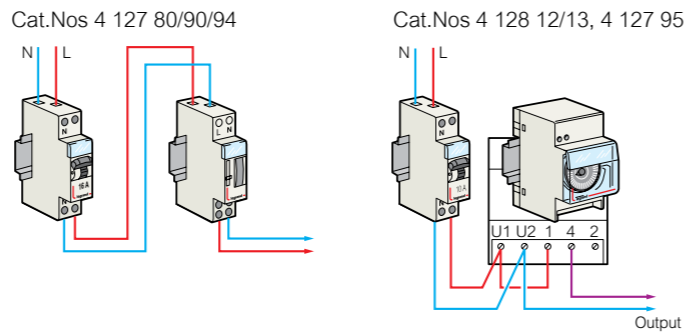
Programmed via captive segment
 Power supply: 230 V~ - 50/60 Hz
 3-position override switch "ON-AUTO-OFF" on front panel
 Manual changeover to summer/winter time
 1 outlet 16 A - 250 V~ - $\mu \cos \varphi = 1$

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

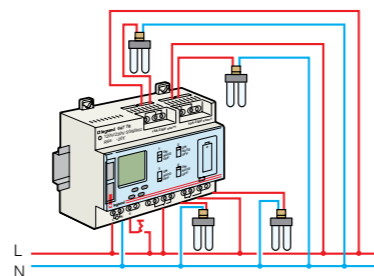
Power supply 230 V~
 Override switching "ON" or "OFF" in front face
 1 output via changeover contact
 (2 changeover contacts for Cat.No 0 499 26)

Pack	Cat.Nos	Daily programme
1	6 499 14	20 A - 250 V~ - $\mu \cos \varphi = 1$ Shortest switching time: 30 minutes (1 segment = 10 minutes) Switching accuracy: + 5 minutes

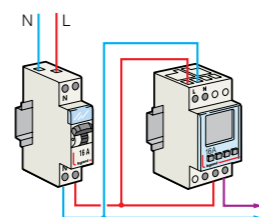
Diagrams



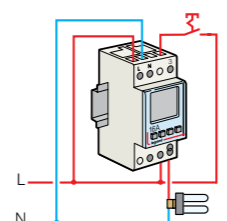
Cat.No 0 047 70



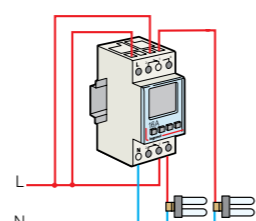
Cat.Nos 4 126 31/32/33



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 modules
					N/O	Chang. S.	
0 037 05	7 d	1 min	5 years	auto	1	28	1
0 047 70	24 h/7 d/1 y	1 s	5 years	auto	4	4 x 3 x 28	6
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

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

Delay Timers 12 to 230 V~ and =



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~ - $\mu \cos \varphi = 1$ per inverter contact

Pack	Cat.Nos	Time delay relays	Number of modules	Pack	Cat.Nos	Time delay relays (continued)	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 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 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 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 42	Flashing For switching ON and OFF a load (lighting, sounder) for different times and cyclically 	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



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~ - $\mu \cos \varphi = 1$ 2000 W incandescent/halogen 2000 W halogen - 230 V~ 1000 VA fluo - series compensated 120 VA fluo - parallel compensated 14 μ F 100 VA compact fluorescent 1000 W energy saving lamp automatic 3-wire or 4-wire connection	1
10	0 047 04	Multi-function time-lag switch Resettable 230 V~ - 50/60 Hz Timing adjustable from 0.5 sec to 12 min Operation with 3 or 4 wires automatically 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~ - $\mu \cos \varphi = 1$ 3680 W incandescent/halogen 2000 W halogen 230 V~ 1000 VA fluo - parallel compensated $\leq 100 \mu$ F 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
1	0 497 83	Automatic staircase time-lag switch for wall mounting 230 V - 50 Hz 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~ - $\cos \varphi = 1$ Type of delay adjustable Electronic 0.5 to 10 min.	Type Resettable



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

Pack	Cat.Nos	Power contactors with 24 V~ coil and handle	Pack	Cat.Nos	Power contactors with 230 V~ coil and handle
1	4 125 14	Manual override for test and repair function, carried out via the handle Permanent "ON" or "OFF" without automatic reset 2-pole - 250 V~ I max Connection Type of contact Number of modules 25 A 2 N/O 1 40 A 2 N/O 2 63 A 2 N/O 2 4-pole - 400 V~ 25 A 4 N/O 2 40 A 4 N/O 3 63 A 4 N/O 3	4	4 125 44	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~ I max Connection Type of contact Number of modules 25 A 2 N/O 1 40 A 2 N/O 2 63 A 2 N/O 2 63 A 2 N/C 2 3-pole - 400 V~ 40 A 3 N/O 3 63 A 3 N/O 3 4-pole - 400 V~ 25 A 4 N/O 2 40 A 4 N/O 3 63 A 4 N/O 3 63 A 4 N/C 3
1	4 125 15 ¹		1	4 125 45 ¹	
1	4 125 16 ¹		2	4 125 47 ¹	
1	4 125 17	Low noise power contactors with 230 V~ coil and handle 2-pole - 250 V~ I max Connection Type of contact Number of modules 25 A 2 N/O 1 40 A 2 N/O 2 63 A 2 N/O 2 4-pole - 400 V~ 25 A 4 N/O 1 40 A 4 N/O 2 63 A 4 N/O 2	1	4 125 48 ¹	
1	4 125 18 ¹		3	4 125 49 ¹	
1	4 125 19 ¹		3	4 125 50 ¹	
1	4 125 58	25 A 2 N/O 1 40 A 2 N/O 2 63 A 2 N/O 2 4-pole - 400 V~ 25 A 4 N/O 1 40 A 4 N/O 2 63 A 4 N/O 2	2	4 125 51	
1	4 125 59 ¹		2	4 125 53 ¹	
1	4 125 60 ¹		2	4 125 56 ¹	
1	4 125 61	25 A 4 N/O 1 40 A 4 N/O 2 63 A 4 N/O 2	1	4 125 57 ¹	
1	4 125 62 ¹		2		
1	4 125 63 ¹		2		

1: Handle can be accessed after removing blanking plate

Modular power contactors without handle CX³ from 16 A to 63 A

Auxiliaries for contactors CX³

Notes



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

Pack	Cat.Nos	Power contactors with 24 V _~ coil
1	4 125 03	2-pole - 250 V_~ I max 16 A Connection: d b Type of contact N/C + N/O Number of modules 1
1	4 125 05	25 A Connection: d d Type of contact 2 N/O Number of modules 1
1	4 125 10	4-pole - 400 V_~ 25 A Connection: d d d d Type of contact 4 N/O Number of modules 2
1	4 125 09	25 A Connection: d b d b Type of contact 2 N/C + 2 N/O Number of modules 2

Pack	Cat.Nos	Power contactors with 230 V _~ coil
4	4 125 21	2-pole - 250 V_~ I max 16 A Connection: d b Type of contact N/C + N/O Number of modules 1
10	4 125 23	25 A
1	4 125 27	63 A
1	4 125 24	25 A Connection: b b Type of contact 2 N/C Number of modules 1
5	4 125 35	4-pole - 400 V_~ 25 A Connection: d d d d Type of contact 4 N/O Number of modules 2
1	4 125 41	63 A Connection: d d d d Type of contact 4 N/O Number of modules 3
1	4 125 36	25 A Connection: b b b b Type of contact 4 N/C Number of modules 2
1	4 125 33	25 A Connection: d b d b Type of contact 2 N/C + 2 N/O Number of modules 2


Pack	Cat.Nos	Signalling auxiliaries for contactors
Auxiliary changeover switch for all CX ³ 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		
1	4 124 29	I max 5 A Voltage 250 V _~ Contact N/C + N/O Number of modules 0.5
For 2 module contactors 25 A Maximum 2 auxiliary devices per contactor Fitted on left-hand side of contactor		
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		
1	4 124 31	5 A 250 V _~ N/C + N/O 0.5

Notes section with horizontal lines for writing.




ENCLOSURES & CABINETS

Ready to use cabinets & enclosures




P. 116
Consumer units and load centres



P. 123
Plexo³ IP65 weatherproof enclosures



P. 125
Distribution terminal blocks




P. 136
Nedbox flush-mounting cabinets




P. 140
XL³ S 160 24 module distribution cabinets




P. 140
XL³ S 160 36 module distribution cabinets



P. 148
XL³ S 630 distribution enclosures



P. 160
XL³ S 4000 distribution enclosures



P. 175
Busbars and accessories



P. 180
XL³ 4000 distribution enclosures

Self-assembly cabinets & enclosures




P. 183
XL³ 4000 equipment & accessories



P. 190
XL³ 6300 distribution enclosures




P. 200
Distribution boards DBX³



P. 201
Distribution boards, chassis & accessories

Weatherproof enclosures & accessories



P. 123
Plexo³ IP 65 weatherproof cabinets




P. 205
Atlantic IP 55/IP 66 metal cabinets with plain plate



P. 207
Atlantic IP 66 cabinets for food industry



P. 210
Marina IP 66 polyester cabinets



P. 212
Marina IP 66 polyester enclosures




P. 218
Equipment for Atlantic & Marina cabinets



P. 222
Heat regulation for cabinets & enclosures



P. 225
IP 55 plastic cable glands



P. 226
IP 68 plastic cable glands



P. 227
IP 68 metal cable glands



Plexo³ IP 65
weatherproof cabinets
(p. 123)



XL³ S 160
24 module distribution cabinets
(p. 140)



Atlantic IP 55 / IP 66
metal cabinets with plain plate
(p. 205)



Atlantic IP 66
stainless steel cabinets for food industry
(p. 207)

Consumer Units and Load Centres

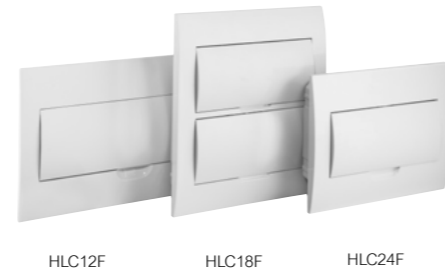
Surface + Flush Mount Units



Pack	Cat. No.	Consumer units
		HC series consumer units Will fit into customer equipment area on NSW meter box panel. Complies with AS3132, AS3000/2.21.1.2. (Separate neutral and earth bars on rear of meter box panel).
10	HC01S	1 pole
6	HC02S	2 pole
4	HC03S	3 pole
4	HC04S	4 pole
		Legrand series consumer units
		Capacity in modules of 17.5 mm
		Dimensions (mm) Height x Width x Depth
10	013 01	1 140 x 30 x 72
10	013 02	2 140 x 50 x 72
10	013 04	4 160 x 90 x 74
5	013 06 ⁽¹⁾	6 160 x 128 x 74
1	013 08 ⁽²⁾	(8 + 1) 180 x 190 x 83
		HM pole fillers
1	HEEPF5	Bag of 4 x 18mm & 2 x 9mm pole fillers. Pole fillers
1	014 91	Locking device for flush or surface mounting, supplied with 2 keys

Pack	Cat. No.	NBN enclosures
		Enclosure FTTH for NBN co. devices
1	NBNBOX	Surface enclosure for NBN co. devices
1	NBNPPBOX	Surface enclosure with 8 port patch panel
1	NBNBOXBRACKET	Flush kit for NBNBOX
1	NBNPPBOXBRACKET	Flush kit for NBNPPBOX

Pack	Cat. No.	HLC Load Centre Enclosures with Neutral Earth Bars
		Surface Mount Load Centres
1	HLC12S	12 module surface mount load centre 210Hx256Wx100Dmm
1	HLC18S	18 module surface mount load centre 222Hx364Wx100Dmm
1	HLC24S	24 module surface mount load centre 325Hx270Wx100Dmm
1	HLC36S	36 module surface mount load centre 473Hx305Wx100Dmm
		Flush Mount Load Centres
	HLC12F	12 module flush mount load centre 210Hx259Wx60Dmm
	HLC18F	18 module flush mount load centre 228Hx259Wx67Dmm



Pack	Cat. No.	HLC Load Centre Enclosures with Neutral Earth Bars (continued)
		Flush Mount Load Centres (continued)
	HLC24F	24 module flush mount load centre 311Hx259Wx71Dmm
	HLC36F	36 module flush mount load centre 458Hx296Wx71Dmm
		Accessories for HLC Range
	HLC12MP	Metal back plate for HLC range 12 module 134Hx149Wx1Dmm
	HLC18MP	Metal back plate for HLC range 18 module 181Hx159Wx1Dmm
		Load centres
		Flush mounting enclosure All supplied with door, neutral & earth bars, labels, accessories and DIN rail.
1	HL12F	12 pole flush enclosure, 305(H)x315(W)x90(D) mm
1	HEE18F	18 pole flush enclosure 223(H)x392(W)x71(D) mm
1	HL24F	24 pole flush enclosure 430(H)x315(W)x90(D) mm
1	HL36F	36 pole flush enclosure 555(H)x315(W)x90(D) mm
1	HL48F	48 pole flush enclosure 680(H)x315(W)x90(D) mm
		Above dimensions are cut-out dimensions
		Metal back plate for flush enclosure
1	HL12FS-BP	Metal back plate for 12 pole flush enclosure
1	HEE18FS-BP	Metal back plate for 18 pole flush enclosure
1	HL24FS-BP	Metal back plate for 24 pole flush enclosure
1	HL36FS-BP	Metal back plate for 36 pole flush enclosure
1	HL48FS-BP	Metal back plate for 48 pole flush enclosure
		Surface mounting enclosure All supplied with door, neutral & earth bars, labels, accessories and DIN rail.
1	HL12S	12 pole surface enclosure, 240(H)x318(W)x109(D) mm
1	HEE18S	18 pole surface enclosure, 214(H)x383mm(W)x104(D) mm
1	HL24S	24 pole surface enclosure, 380(H)x318mm(W)x109(D) mm
1	HL36S	36 pole surface enclosure, 505(H)x318mm(W)x109(D) mm
1	HL48S	48 pole surface enclosure, 630(H)x318mm(W)x109(D) mm
		Spare door for surface enclosure White
1	601206	12 pole
1	601207	24 pole
1	601208	36 pole
1	601209	48 pole

Plexo³

IP 65 weatherproof enclosure, multifunction sleeves and accessories



Self-extinguishing: resistance to incandescent wire 650°C. Allows to achieve assemblies conform to IEC 61 439 - 3
Weatherproof cabinets - IP 65 - IK 09 - Class II
Door and enclosure 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

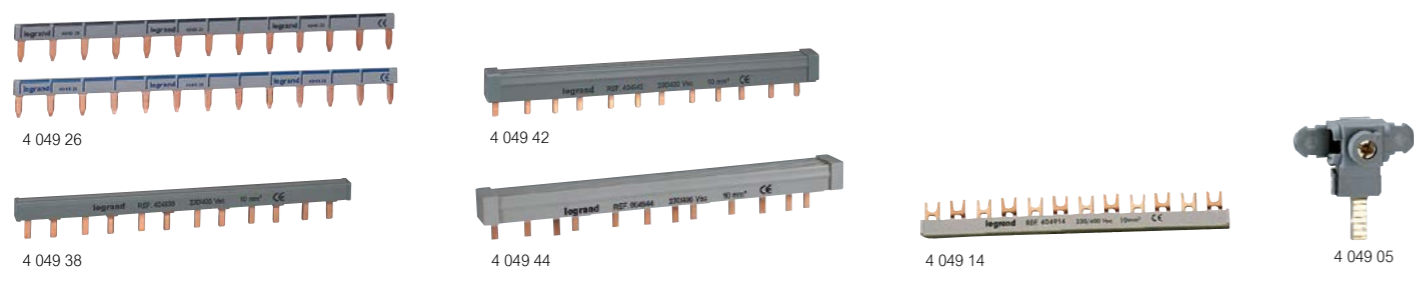
Pack	Cat.Nos	Enclosure 4 to 8 modules
6	6 019 74	Number of rows 1, Number of modules 4
6	6 019 76	Number of rows 1, Number of modules 6
6	6 019 78	Number of rows 1, Number of modules 8
		Enclosure 12 modules per row
1	6 019 81	Number of rows 1
1	6 019 82	Number of rows 2
1	6 019 83	Number of rows 3
		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
1	0 019 17	Vertical For 2 rows cabinets
1	0 019 18	For 3 rows cabinets

Pack	Cat.Nos	Accessories
5	0 019 71	Plexo adaptor For fixing Plexo flush mounting wiring accessories, complete version (p. 548) on Plexo ³ cabinets (minimum 2 rows)
		Installation supports for terminal blocks Set of 2 supports for mounting additional terminal blocks (p. 180) or empty supports for screw terminal blocks (p. 180) into Plexo ³ cabinets
1	0 019 72	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 horizontally or vertically between 2 cabinets or multifunction sleeves while maintaining IP 65 protection
1	0 019 68	Sealing kit Set of 2 sealable terminal shields for cover and 8 sealable supports for faceplate
1	0 019 69	Fixing lugs Set of 4 wall mounting lugs for Plexo ³ boxes and P17 combined units (p. 328)
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
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

(1) Supplied with earth connectors IP2X 4 holes 1.5-16mm². Non sealable cover
(2) Supplied with earth connectors IP2X 8 holes 1.5-16mm². Non sealable cover

Supply busbars, entry terminals

"standard" distribution



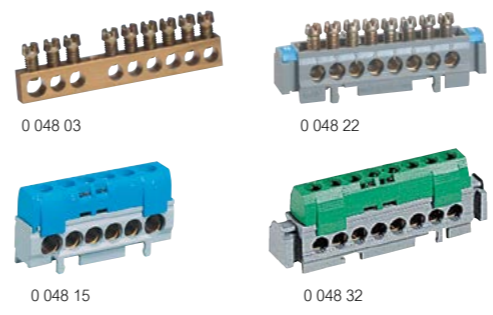
Pack	Cat.Nos	Prong-type supply busbars
		Universal single pole + neutral Reversible: blue for neutral, black for live
		Length Max. number of devices connected
20	4 049 26	1 row 13
20	4 049 28	1 row 18
10	4 049 37	Meter 57
		Single pole for auxiliary
10	4 049 33	Meter 37
		Double pole
50	4 049 38 ¹	1 row 6
10	4 049 39	Meter 28
		Double pole balanced on 3 phases
3	4 049 40 ¹	1 row 6
10	4 049 41	Meter 28
		Three pole
40	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
30	4 049 44	1 row 3
10	4 049 45	Meter 14

Pack	Cat.Nos	Fork-type supply busbars
		Single pole
		Length Max. number of devices connected
20	4 049 11	1 row 12
10	4 049 12	Meter 57
		Single pole for auxiliary
10	4 049 09	Meter 37
		Double pole
5	4 049 13	1 row 6
10	4 049 14	Meter 28
		Double pole balanced on 3 phases
3	4 049 15	1 row 6
10	4 049 16	Meter 28
		Three pole
5	4 049 17	1 row 4
10	4 049 18	Meter 19
		Three pole for auxiliary
10	4 049 10	Meter 16
		Four pole
3	4 049 19	1 row 3
10	4 049 20	Meter 14

Pack	Cat.Nos	Protection
20	4 049 88	Protection of prongs 12 modules Can be cut to length
40	4 049 89	Protection of supply busbar ends For single pole/single pole + neutral
20	4 049 90	For double pole length 1 m and triple pole
20	4 049 91	For four-pole
		Entry terminals
20	4 049 05	For universal single pole + neutral or single pole supply busbars Cross section: 4 to 25 mm ² - IP 2X
20	4 049 06	For all supply busbars Cross section: 6 to 35 mm ²

1: Filled with end protection

Distribution terminal blocks



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 mm ² input 80 A max. - 400 V~ with 16 mm ² input
		Screw terminal blocks Fit with Ø M4 screws
		Number of connections (mm ²) 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 U or C 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 U or C rail with universal support Cat.No 0 048 11, or on 12 x 2 flat bar
10	0 048 16	Phase (black) 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 block of the same size to create a distribution block
5	0 048 11	Universal support for mounting a terminal blocks on U or C 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

Mounting of terminal blocks on support

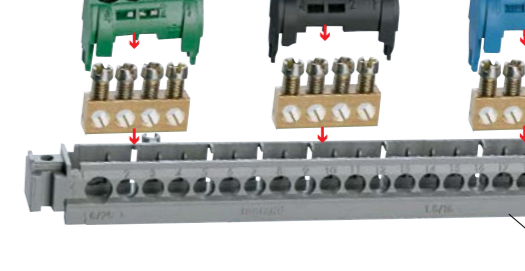
On 12 x 2 flat bar



On support for terminal blocks Cat.No 0 048 17

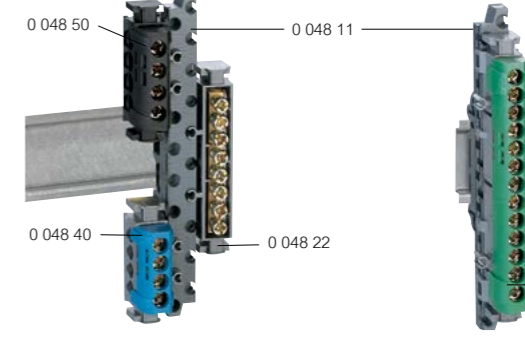
Enables you to make exactly the right number of connections

• Example:



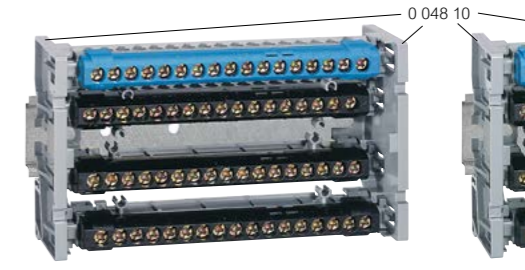
Universal support Cat.No 0 048 11

Mounted on U or C rail, takes all terminal blocks






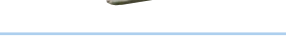
On distribution block support Cat.No 0 048 10


Possibility of forming a 2P, 3P or 4P distribution block by associating IP 2X terminal blocks




Supply busbars and distribution blocks


selection table

SUPPLY BUSBARS FROM 63 TO 90 A								
• Isc peak 17 kÅ	Lenght	Universal 1-pole + neutral or 1-pole	Single pole for auxiliary	2-pole	2-pole balanced on 3-phase	3-pole	3-pole for auxiliary	4-pole
	Prong-type							
		1 row	4 049 26/28	-	4 049 38	4 049 40	4 049 42	-
	meter	4 049 37	4 049 33	4 049 39	4 049 41	4 049 43	4 049 34	4 049 45
• Isc peak 17 kÅ	Fork-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 auxiliary	4-pole
	1 row							
		1 row	4 049 11	-	4 049 13	4 049 15	4 049 17	-
	meter	4 049 12	4 049 09	4 049 14	4 049 16	4 049 18	4 049 10	4 049 20

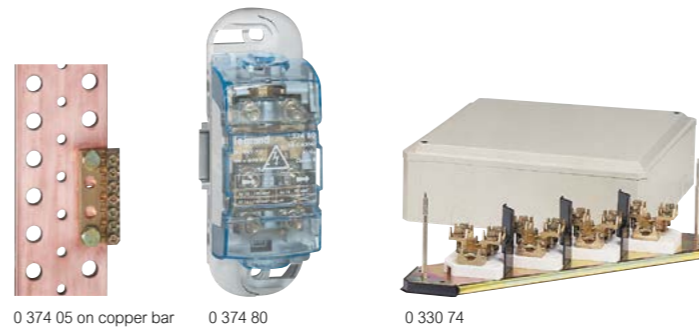
DISTRIBUTION TERMINAL BLOCKS FROM 63 TO 100 A						
• Isc peak 10 kÅ	Number of outputs	Bar terminal blocks		Insulated terminal blocks IP 2X (XXB)		
		with screws	on support	black	blue	green
	4	0 048 01	0 048 20	0 048 50	0 048 40	0 048 30
	6			0 048 16	0 048 15	
	8	0 048 03	0 048 22	0 048 52	0 048 42	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			0 048 46	0 048 36
	21		0 048 26		0 048 46	0 048 36
	24	0 048 07				
	33		0 048 28		0 048 48	0 048 38

MODULAR DISTRIBUTION BLOCKS FROM 40 TO 250 A											
• Isc peak 14.5 to 42 kÅ	Admissible maximum rating (A)	2-pole				4-pole			Terminal blocks IP 2X		Additional outputs (mm²)
		Number and section of flexible conductors (mm²)		Number and section of flexible conductors (mm²)		Earth	Neutral				
		Cat.Nos	Inputs	Outputs	Cat.Nos				Inputs	Outputs	
	40	0 048 81	2 x 10	11 x 4	0 048 85	2 x 10	11 x 4	0 048 34	0 048 44	12 x 6	
	100	0 048 80	2 x 16	5 x 10	0 048 84	2 x 16	5 x 10	0 048 32	0 048 42	8 x 6	
		0 048 82	2 x 25	2 x 16 + 11 x 10	0 048 88	2 x 25	2 x 25 + 11 x 10	0 048 35	0 048 45	16 x 6	
	125				0 048 86	2 x 25	2 x 16 + 7 x 10	0 048 34	0 048 44	12 x 6	
					0 048 76	1 x 35	1 x 25 + 1 x 16 + 14 x 10	0 048 36	0 048 46	21 x 6	
	160				0 048 79	1 x 70	2 x 25 + 4 x 16 + 8 x 10	0 048 35	0 048 45	16 x 6	
		250			0 048 77	1 x 120	1 x 35 + 2 x 25 + 2 x 16 + 6 x 10				

SINGLE POLE MODULAR DISTRIBUTION BLOCKS AND DISTRIBUTION TERMINALS FROM 125 TO 250 A				
• Isc peak 27 to 60 kÅ	Admissible maximum rating (A)	Cat.Nos	Number and section of conductors per pole (mm²)	
			Inputs	Outputs
			125	0 048 71
160	0 048 83	1 x 50 (flexible bar 13mm max.)	3 x 25 + 2 x 16 + 7 x 10	
	0 048 67 (distribution terminal)	Direct into the downstream terminal	6 x 25	
250	0 048 73	1 x 120 (flexible bar 16mm max.)	6 x 25 + 4 x 10	
	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 kÅ	Admissible maximum rating (A)	Extra-flat			Stepped		
		Number and section of conductors per pole (mm²)		Cat.Nos	Number and section of conductors per pole (mm²)		
		Inputs	Outputs		Inputs	Outputs	
	125	0 374 47	1 x 35	10 x 16 (Ph) 17 x 16 (N)	0 373 95	4 bars 12 x 4mm receiving 5 connectors 2 x 10 each	
						0 374 30	1 x 35
	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
	0 373 08					2 x Ø8.5mm	21 holes M6 70mm² max. connectors
400					0 374 42	2 x 185	15 holes M6 15 holes M8

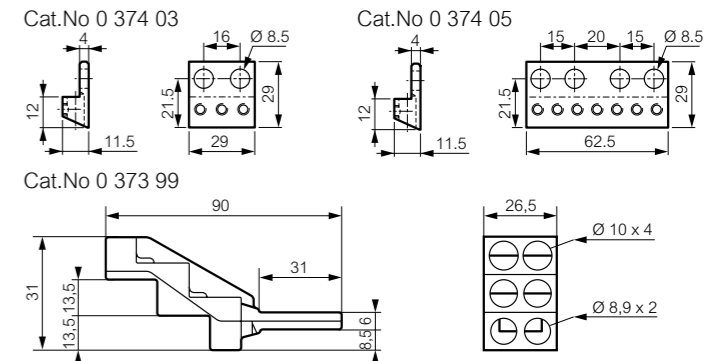
Connection



"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. 194) Capacity: - 1 x Ø 5.3mm outgoing terminal for 1.5 to 6mm² connection - 2 x Ø 7.5mm outgoing terminals for 6 to 16mm² connection 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 35mm² - 2 x 6 to 25mm² With 7 outgoing terminals 400 A Fits onto flat copper bars Capacity: - 4 x Ø 5.3mm outgoing terminals for 1.5 to 6mm² connection - 3 x Ø 7.5mm outgoing terminals for 6 to 16mm² connection															
4	0 373 99	Aluminium/copper distribution boxes up to 300mm² 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 60947-1 Supplied with copper coupling strip Aluminium/copper 120mm² distribution box 300 A max. Incoming: 16 to 120mm² Aluminium or 16 to 120mm² copper Outgoing: 16 to 70mm² copper Aluminium/copper 300mm² distribution box 540 A max. Incoming: 70 to 300mm² Aluminium or 70 to 185mm² copper Outgoing: 70 to 150mm² copper															
5	0 374 05	Aluminium/copper distribution boxes up to 300mm² 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 60947-1 Supplied with copper coupling strip Aluminium/copper 120mm² distribution box 300 A max. Incoming: 16 to 120mm² Aluminium or 16 to 120mm² copper Outgoing: 16 to 70mm² copper Aluminium/copper 300mm² distribution box 540 A max. Incoming: 70 to 300mm² Aluminium or 70 to 185mm² copper Outgoing: 70 to 150mm² copper															
5	0 374 80	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 insulating strip with a sheet steel cover Knock-out entries for conduits Ø 9 and 21mm Sealable cover screws RAL 7035 <table border="1"> <thead> <tr> <th>Poles</th> <th>Cable section (mm²)</th> <th>Rated current (A)</th> </tr> </thead> <tbody> <tr> <td>4</td> <td>35</td> <td>125</td> </tr> <tr> <td>4</td> <td>70</td> <td>192</td> </tr> <tr> <td>4</td> <td>150</td> <td>309</td> </tr> <tr> <td>4</td> <td>240</td> <td>415</td> </tr> </tbody> </table>	Poles	Cable section (mm²)	Rated current (A)	4	35	125	4	70	192	4	150	309	4	240	415
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Poles	Cable section (mm²)	Rated current (A)															
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4	70	192															
4	150	309															
4	240	415															

Connectors

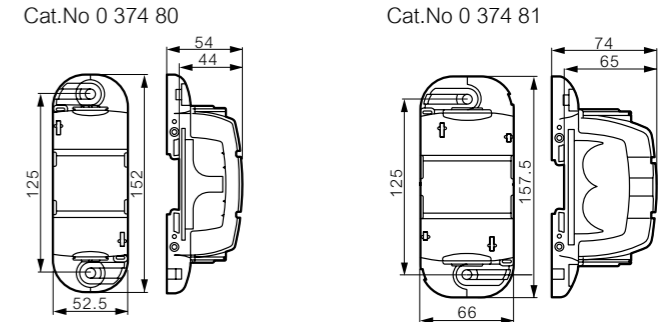


Aluminium/copper distribution boxes

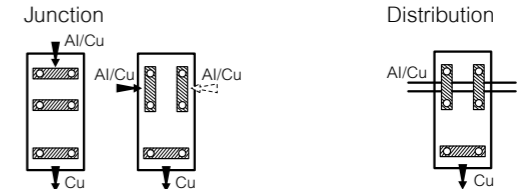
Technical characteristics

	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

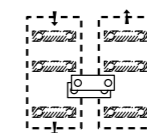


Connection

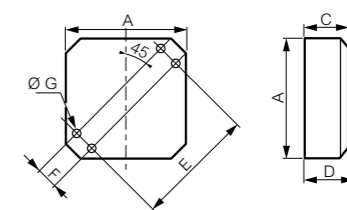


Connecting in series

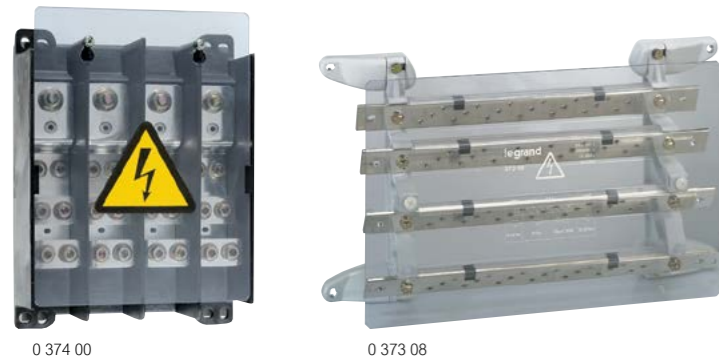
This bridging is made with 2 copper bars (supplied with each product) and accept max. rating of incoming cable for tap-off between 2 distributions boards



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



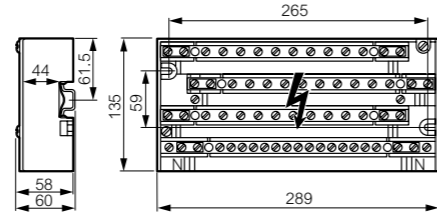
0 374 00 0 373 08

"Standard" distribution
Supplied with screen protection

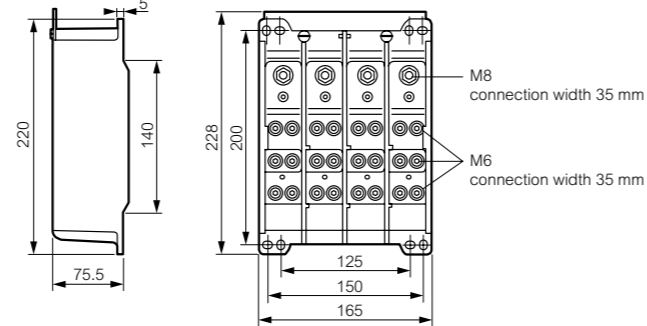
Pack	Cat. Nos	Extra-flat for lugs
1	0 374 47	125 A Fixing on rail EN 60715 or on plate with M6 screws. Equipped with: - 1 incoming 35mm ² (possible tapp-off) - 10 phase outgoing 16mm ² - M5 screws - 17 neutral outgoing 16mm ² - M5 screws Connection possible using connector Cat.No 0 373 65 (p. 225)
1	0 374 00	250 A Fixing on plain plate or on plate with M6 screws Distribution block 1 incoming 150mm ² per pole: - 1 pole is composed of 3 parts - Each part can receive: 1 x 70mm ² or 1 x 50mm ² and 1 x 35mm ² , or 2 x 35mm ² or 1 connector with 3 outgoing terminals Cat.No 0 374 03 (p. 195)
1	0 373 95	Stepped for lugs 125 A Fixing on rail EN 60715 depth 15mm or on plate with screws Ø 4mm (by removing claws) 4 bars 12 x 4mm with five connectors 2 x 10mm ² /bar (not mounted)
1	0 374 30	Fixing on rail EN 60715, with claws Cat.No 0 374 39 (p. 277) or on plate with M6 screws 4 bars 15 x 4mm supplied with: - 1 incoming 35mm ² - M8 screws - 5 outgoing 25mm ² - M6 screws
1	0 374 31	160 A Fixing on rail EN 60715, with claws Cat.No 0 374 39 (p. 277) or on plate with M6 screws 4 bars 18 x 4mm supplied with: - 1 incoming 70mm ² max. - M8 screws - 5 outgoing 35mm ² - M6 screws
1	0 374 35	250 A Fixing on rail EN 60715, with claws Cat.No 0 374 39 (p. 277) or on plate with M6 screws 4 bars 25 x 4mm supplied with: - 1 incoming 120mm ² - M10 screws - 5 outgoing 50mm ² - M8 screws
1	0 373 08	400 A Horizontal mounting in XL ³ 400 cabinets, vertical in XL ³ 400 cable sleeve, vertical in XL ³ 800 internal cable sleeve or on solid plate using the M6 screws supplied Distribution block consisting of 4 tin-coated bars 32 x 5mm with insulated protection Composition of each bar: - 2 x Ø 8.5mm untapped holes for power supply (flexible bars, ...) - 21 outgoing M6 holes (70mm ² lugs max.)
1	0 374 42	Fixing on rail EN 60715, with claws Cat.No 0 374 39 (p. 277) Distribution block consisting of 4 bars 32 x 5mm Composition of each bar: - 2 x Ø 10.5mm untapped holes for power supply (185mm ² max.) - 15 outgoing M6 holes, 4 outgoing M8 holes

Extra-flat for lugs

Self extinguishing: 960 °C according to EN 60695-2-11
125 A Cat.No 0 374 47 - Isc peak 25 kA
Insulating voltage according to EN 60947-1 / IEC 60664-1: 500 V

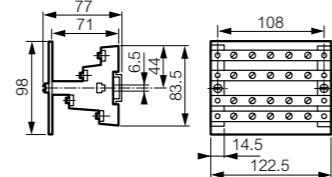


250 A Cat.No 0 374 00 - Isc peak 60 kA
Insulating voltage according to EN 60947-1 / IEC 60664-1: 1000 V

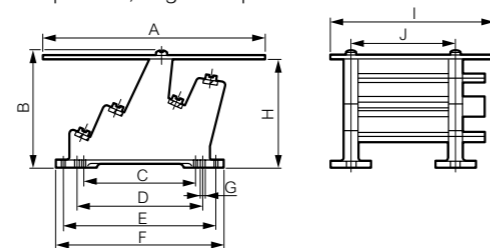


Stepped for lugs

125 A Cat.No 0 373 95 - Isc peak 20 kA
Insulating voltage according to EN 60947-1 / IEC 60664-1: 600 V
Self extinguishing: 850 °C according to EN 60695-2-11



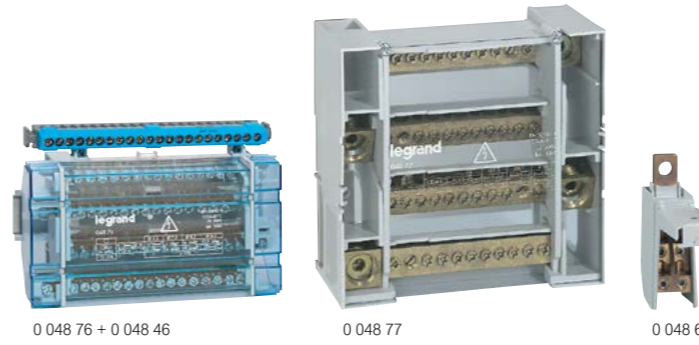
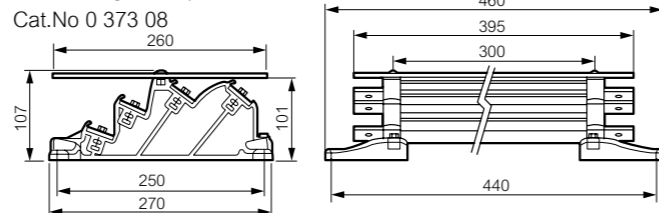
125/160/250 A Cat.Nos 0 374 30/31/35 - Isc peak 35 kA
Insulating voltage according to EN 60947-1 / IEC 60664-1: 1000 V
Self extinguishing: 850 °C according to EN 60695-2-11
Uimp: 12 kV, degree of pollution: 3



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⁽¹⁾ Cat.No 0 373 08 - Isc peak 42 kA. 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 kA. Insulating voltage according to EN 60947-1 / IEC 60664-1: 1000 V fixing centres 50mm, 1500 V fixing centres 75mm. Uimp: 8 kV fixing centres 50mm, 12 kV fixing centres 75mm. Degree of pollution: 3



0 048 76 + 0 048 46 0 048 77 0 048 68

Standard distribution
Connection with or without Starfix ferrules
Self-extinguishing, according to EN 60695-2-11: 960 °C on active part supports

Pack	Cat. Nos	Monobloc modular distribution blocks																																				
		Mounting on rail or on plate with 2 screws Supplied with insulated back plate and transparent protective front cover Each bar can be labelled using CAB 3 Possible to add IP 2X terminal block (except Cat.No 0 048 77)																																				
		Double pole Equipped with 2 bars																																				
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1	0 048 77	250	42	14.4																																		

Pack	Cat. Nos	Modular 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														
		<table border="1"> <thead> <tr> <th>Rating (A)</th> <th>Isc peak (kA)</th> <th>Number of modules</th> </tr> </thead> <tbody> <tr> <td>4</td> <td>125</td> <td>35</td> </tr> <tr> <td>4</td> <td>0 048 83</td> <td>160</td> <td>27</td> </tr> <tr> <td>4</td> <td>0 048 73</td> <td>250</td> <td>60</td> </tr> </tbody> </table>	Rating (A)	Isc peak (kA)	Number of modules	4	125	35	4	0 048 83	160	27	4	0 048 73	250	60
Rating (A)	Isc peak (kA)	Number of modules														
4	125	35														
4	0 048 83	160	27													
4	0 048 73	250	60													

Pack	Cat. Nos	Distribution terminals
1	0 048 67	160 A - 6 outputs 25mm ² flexible - Isc peak 30 kA Can be fitted directly onto downstream terminal of Vistop 100/160 A
1	0 048 68	250 A - 4 outputs 35mm ² flexible and 2 outputs 25mm ² flexible - Isc peak 36 kA Can be fitted directly onto downstream terminal of DPX-IS 250

1: With short ferrule supplied for flexible connection 25mm²
2: Incoming conductors must be equipped with ferrules (p. 306)
Connection: 25mm² with ferrules without insulating flange

Standards

Conform to EN 60947-1
Insulating voltage according to EN 60947-1/IEC 60664-1: 500 V
Impulse voltage (Uimp): 8 kV - Degree of pollution: 3

Section for connecting rigid or flexible conductors (with Starfix ferrules)

Distribution Blocks	Connections per bar	Rigid conductors	Flexible conductors with ferrules	
Cat.Nos	Number	Ø (mm)	Section (mm ²)	Starfix ferrules Cat.Nos
0 048 67	6	8.5	6 to 25	0 376 68 to 71
0 048 68	4	10	6 to 35	0 376 68 to 77
	2	8.9	6 to 25	0 376 68 to 71
0 048 71	12	5.3	1.5 to 10	0 376 64 to 69
	4	10	16 to 50	0 376 70 to 72
				0 376 70 to 77
0 048 73	4	6	2.5 to 16	0 376 66 to 69
	6	8.5	10 to 35	10 to 25
	1	-	70 to 150	70 to 120
0 048 80	5	5.3	2.5 to 10	1.5 to 10
	2	7.5	10 to 25	6 to 16
0 048 81	11	4.3	1.5 to 4	0.75 to 4
	2	6	6 to 16	4 to 10
0 048 82	11	5.3	2.5 to 10	1.5 to 10
	2	7.5	10 to 25	6 to 16
	2	9	10 to 35	10 to 25
0 048 83	7	5.3	2.5 to 10	1.5 to 6
	2	7.5	6 to 25	6 to 16
	3	8.9	10 to 35	10 to 25
	1	-	35 to 70	25 to 50
0 048 84	5	5.3	2.5 to 10	1.5 to 10
	2	7.5	10 to 25	6 to 16
0 048 85	11	4.3	1.5 to 4	0.75 to 4
	2	6	6 to 16	4 to 10
0 048 86	7	5.3	2.5 to 10	1.5 to 10
	2	7.5	10 to 25	6 to 16
	2	9	10 to 35	10 to 25
0 048 88	11	5.3	2.5 to 10	1.5 to 10
	4	8.5	10 to 35	6 to 25
0 048 79	1	-	35 to 70	35 to 70
	8	5.3	2.5 to 10	1.5 to 10
	4	7.5	10 to 25	6 to 16
	2	8.5	10 to 35	10 to 25
0 048 76	14	5.3	2.5 to 10	1.5 to 10
	1	7.5	10 to 25	6 to 16
	1	8.5	10 to 35	6 to 25
	1	-	16 to 35	16 to 35
0 048 77	6	6	2.5 to 16	2.5 to 10
	2	7.5	10 to 25	6 to 16
	2	8.5	10 to 35	10 to 25
	1	10	16 to 50	16 to 35
	1	-	50 to 120	50 to 120

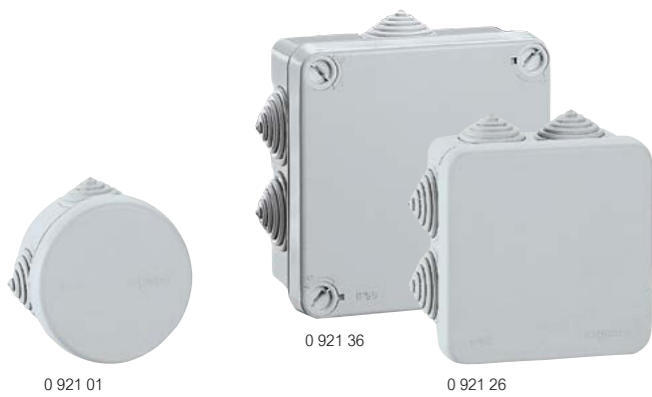
Characteristics of distribution blocks for use in photovoltaic installations

No of 18mm modules	Cat.No	Max. cross-section for "solar cable"	Max. Ic (A) current T = (+40°C/+60°C) IEC 60364-1	U _i (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 25mm ² 12 x 1.5 to 6mm ² or 6 x 10mm ²	125/100	1000 V ⁽¹⁾	8 kV ⁽²⁾
Double pole distribution blocks					
4	0 048 80	5 x 1.5 to 6mm ² 2 x 6 to 16mm ²	100/80	800 V ⁽¹⁾	8 kV ⁽²⁾
8	0 048 82	11 x 1.5 to 6mm ² 2 x 6 to 16mm ² 2 x 10 to 25mm ²	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

Plexo™ boxes IP 55 - IK 07

with direct entry membrane glands - 650 °C



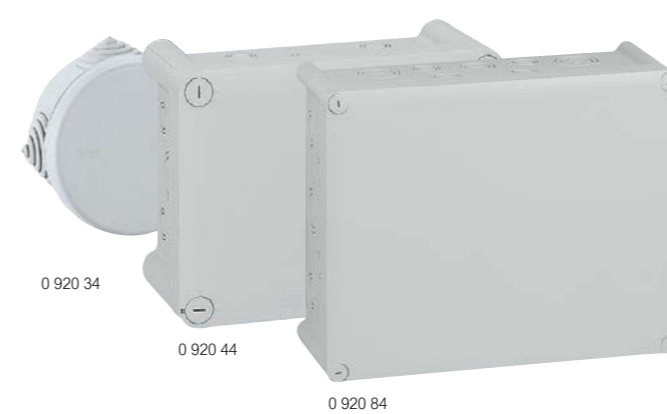
Plexo™ boxes IP 55 - IK 07

with direct entry membrane glands - 750 °C



Plexo™ boxes IP 55 - IK 07

with pre-cut knock-out ISO type cable entries



Plexo™ boxes

accessories



Resistance to glow wire test: 650 °C (EN 60695 2-11)
 Operating temperature: - 25 °C to + 40 °C
 Interchangeable membrane glands with direct entry
 Material: polystyrene box and polypropylene cover
 Opaque cover
 Membrane gland or pre-cut knock-out for ISO type cable gland

Pack	Cat.Nos	Standard boxes
		Grey RAL 7035 With fixing slots for easy alignment Use 5mm Ø screws Alternatively use wall fixing Cat.No 0 319 57 Clip-on cover
100	0 921 00	Ø60mm x 40mm 4 glands (Cat.No 0 919 10)
100	0 921 01	Ø70mm x 40mm 4 glands (Cat.No 0 919 10)
100	0 921 04	65 x 65 x 40mm 7 glands (Cat.No 0 919 10)
		Class II boxes Grey RAL 7035 Mounting by: - either internal fixing points - use 5mm Ø screws - or at three corners outside the wiring area - use 4mm Ø screws Provision for anti-tamper seal Cover with 4 x 1/4 turn fixings, indicated I-O, can be retained open during installation
100	0 921 26	80 x 80 x 45mm 7 glands (Cat.No 0 919 10)
50	0 921 27	With pre-cut knock-outs
50	0 921 36	105 x 105 x 55mm 7 glands (Cat.No 0 919 11)
30	0 921 37	With pre-cut knock-outs
		Accessories
20	0 312 10	Strip with four 4mm ² terminal for junctions For fitting in Plexo boxes Cat.Nos 0 921 00/01, 0 921 04/26/27

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

Pack	Cat.Nos	Square boxes
1	0 920 32	Grey RAL 7035 130 x 130 x 74mm 10 glands Ø cables and tubes accepted 4 to 25mm
		Rectangular boxes Grey RAL 7035
20	0 920 42	155 x 110 x 74mm 10 glands Ø cables and tubes accepted 4 to 25mm
10	0 920 52	180 x 140 x 86mm 10 glands Ø cables and tubes accepted 4 to 32mm
10	0 920 62	220 x 170 x 86mm 14 glands Ø cables and tubes accepted 4 to 32mm
2	0 920 82	310 x 240 x 124mm 24 glands Ø cables and tubes accepted 4 to 40mm
1	0 920 92	360 x 270 x 124mm 24 glands Ø cables and tubes accepted 4 to 40mm

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 Ø5mm max.)
 • At the four corners out of wiring volume (screw Ø4mm max.)
 • With brackets Cat.No 0 358 02
 Class II is ensured by protection caps (supplied) for the attachment screws

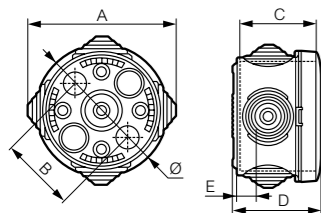
Pack	Cat.Nos	Square boxes
10	0 920 34	Grey RAL 7035 130 x 130 x 74mm 16 knock-out entries for ISO 12/16 4 knock-out entries for ISO 20/25
		Rectangular boxes Grey RAL 7035
10	0 920 44	155 x 110 x 74mm 16 knock-out entries for ISO 12/16 4 knock-out entries for ISO 20/25
5	0 920 54	180 x 140 x 86mm 16 knock-out entries for ISO 16/20 4 knock-out entries for ISO 20/25
5	0 920 64	220 x 170 x 86mm 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 124mm 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 124mm 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

Pack	Cat.Nos	Direct entry membrane glands
		With marking of Ø for tubes and cables Direct entry for tubes (up to 16mm) 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
1	0 358 00	Set of 2 hinges (RAL 7016) For boxes 130 x 130mm up to 220 x 170mm included
1	0 358 01	For boxes 310 x 240 and 360 x 270mm

Plexo™ boxes IP 55 - IK 07

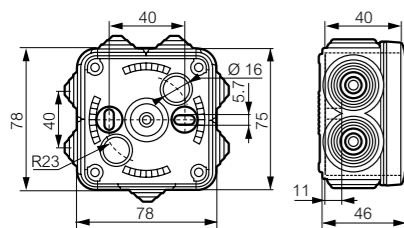
Dimensions

Cat.Nos 0 921 00/01



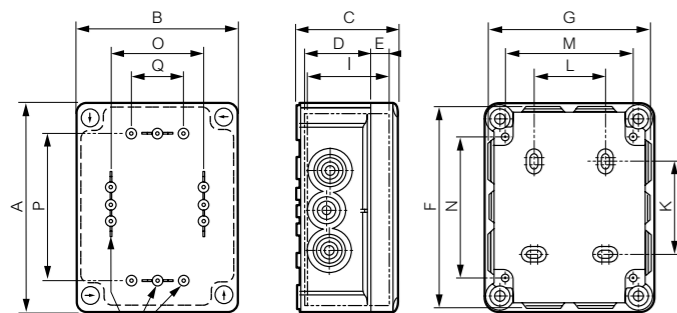
Cat.Nos	Ø	A	B	C	D	E
0 921 00	60	79	40	44.5	40	11
0 921 01	70	86	50	49.5	45	11

Cat.No 0 921 04



Plexo square boxes 130 x 130mm Cat.Nos 0 920 32/34

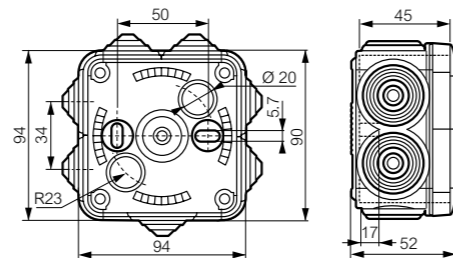
Plexo rectangular boxes Cat.Nos 0 920 42/44/52/54/62/64/82/84/92/94



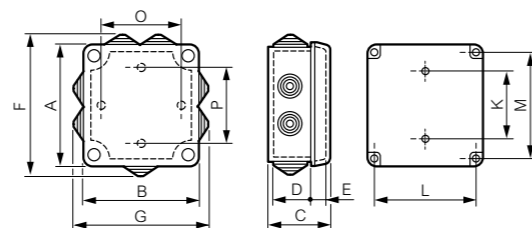
Fixing slots

Cat.Nos	Dimensions (mm)	A	B	F	G	C	D	E	I	Fixing of box				Fixing of accessories (screw Ø4mm)			
										K	L	M	N	O	P	Q	
0 920 32/34	130 x 130 x 74	150	150	149	149	81	56	18	67	54	70	120	103	106	106	84	
0 920 42/44	155 x 110 x 74	175	130	173	128	81	56	18	67	79	50	100	128	86	131	64	
0 920 52/54	180 x 140 x 86	200	160	205	165	94	69	18	80	104	50	130	153	116	156	94	
0 920 62/64	220 x 170 x 86	240	190	245	195	94	69	18	80	144	80	160	193	146	196	124	
0 920 82/84	310 x 240 x 124	332	262	340	270	132	97	27	116	220	160	222	276	200	260	150	
0 920 92/94	360 x 270 x 124	382	292	390	300	132	97	27	116	270	190	252	326	230	310	150	

Cat.Nos 0 921 26/27



Cat.Nos 0 921 36/37



Cat.Nos	A	B	F	G	C	D	E	Fixing of box			S dm ²	Fixing of accessories (screw Ø4mm)	
								K	L	M		O	P
0 921 36	116	116	132	132	60	41.8	13.4	50	95	95	1.34	80	80
0 921 37	116	116	121	121	60	41.8	13.4	50	95	95	1.34	80	80

Technical characteristics

Additional regulation

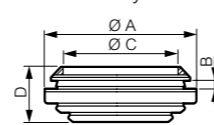
In accordance with European directive RoHS (2002/95/CE modified by decision 2005/618/CE) and with its FAQ "guidance for EEE directives", widened to all halogenated flame retardants, Plexo boxes (Cat.Nos mentioned below) don't contain halogenated flame retardant: 0 920 32/0 920 42/0 920 44/0 920 52/0 920 62/0 920 82/0 921 26/0 921 36

Equipment with terminal blocks

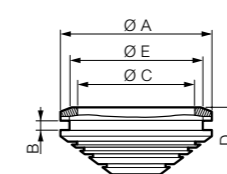
Boxes (mm)	Bare terminal blocks on support and IP 2X blocks						Max. number of Nybloc auto terminal support
	4 holes	8 holes	13 holes	17 holes	22 holes	35 holes	
130 x 130 x 74	•	•					4
155 x 110 x 74	•	•	•				4
180 x 140 x 86	•	•	•				6
220 x 170 x 86	•	•	•	•	•		10
310 x 240 x 124	•	•	•	•	•	•	10
360 x 270 x 124	•	•	•	•	•	•	10

Spare membrane glands for Plexo boxes

• Direct entry



• To be cut



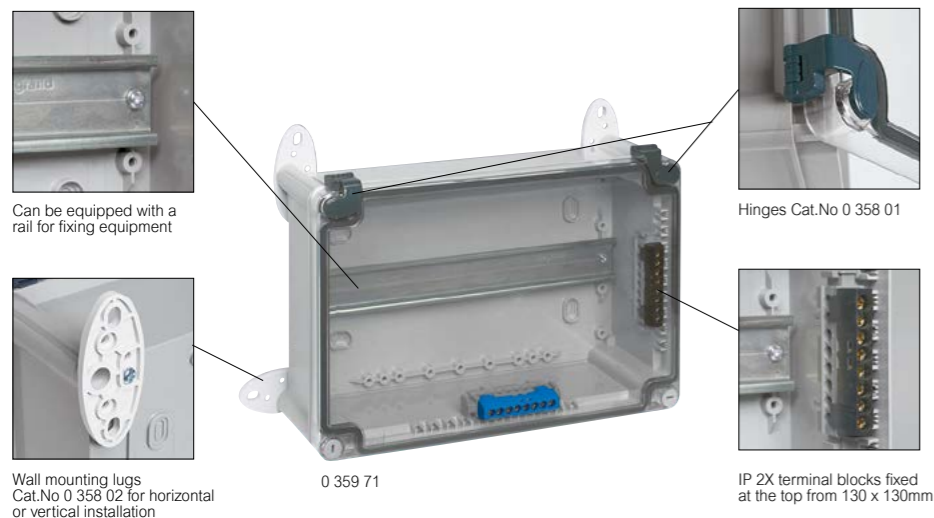
	A (mm)	B (mm)	C (mm)	D (mm)	E (mm)
Ø20	Ø27.6	2	Ø20	10	Ø22
Ø25	Ø33.8	2	Ø25	12.8	Ø27.5
Ø32	Ø42	2	Ø32.2	14.5	Ø34.6
Ø40	Ø50	2	Ø40.2	16.2	Ø42.5

	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			
	Ø20	Ø25	Ø32	Ø40
Round				
Ø60	4			
Ø70	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

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 130mm

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 74mm)

Pack	Cat.Nos	IP 55 - IK 07 grey RAL 7035
50	0 921 28	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 130mm size (p. 192) 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 240mm and 360 x 270mm Internal dimensions Height x Width x Depth (mm)
50	0 921 38	
1	0 359 00	
1	0 359 30	
1	0 359 40	
1	0 359 50	
1	0 359 60	
1	0 359 70	
1	0 359 80	
1	0 359 80	

Pack	Cat.Nos	IP 55 - grey RAL 7035 - increased depth
2	0 921 22	Box depth 140mm IK 07 220 x 170 x 240mm with 4 locks
1	0 350 58	Box depth 154mm IK 08 359 x 265 x 154mm with hinges and 2 locks
1	0 922 84	Box depth 160mm IK 08 310 x 240 x 160mm with 4 locks

Pack	Cat.Nos	Accessories for IP 55 - IK 07 grey RAL 7035
1	0 358 00	Hinges RAL 7016 - set of 2 For boxes 130 x 130 up to 270 x 170mm included
1	0 358 01	For boxes 310 x 240mm and 360 x 270mm
5	0 358 10	Metal mounting plates Galvanized steel 15/10 thick
5	0 358 11	For boxes 130 x 130mm
5	0 358 12	For boxes 155 x 110mm
5	0 358 13	For boxes 180 x 140mm
5	0 358 14	For boxes 220 x 170mm
10	0 358 15	For boxes 270 x 170mm
1	0 358 02	Wall mounting lugs Set of 4 lugs for boxes from width 110mm For wall fixing supplied with screws

Surface mounting cabinets Nedbox

8 to 48 modules



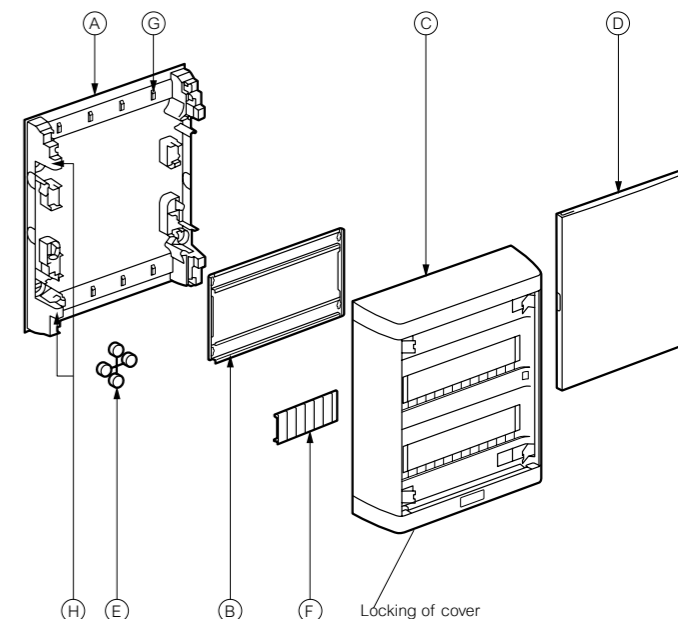
IP 40 - IK 07 with door
IP 30 - IK 05 without door
Class II - White RAL 9003
Allows to achieve assemblies conform to IEC 61439-3
Self extinguishing 650° C
Polystyrene material
Can be equipped with reversible plastic or metal door
Chassis can be clipped removed and tipped back to facilitate cabling
Supplied without terminal blocks (see below)

Pack	Cat.Nos	Distribution boxes
1	6 012 40	Cover fixing with quick motion screws 1 row of 8 modules 1 row of 12 + 1 modules
1	6 012 41	
1	6 012 42	Fast locking by flip latch Distance between rails : 125mm 2 rows of 12 + 2 modules 3 rows of 12 + 3 modules 4 rows of 12 + 4 modules
1	6 012 43	
1	6 012 44	
Doors		
Plastic doors - polycarbonate		
1	6 012 05	For Cat.No 6 012 40
1	6 012 06	For Cat.No 6 012 41
1	6 012 07	For Cat.No 6 012 42
1	6 012 08	For Cat.No 6 012 43
1	6 012 09	For Cat.No 6 012 44
Metal doors		
1	6 012 26	For Cat.No 6 012 41
1	6 012 27	For Cat.No 6 012 42
1	6 012 28	For Cat.No 6 012 43
1	6 012 29	For Cat.No 6 012 44
Accessories		
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
1	0 013 89	Sealing kit
20	0 016 60	Blanking plates Separable into modules or 1/2 modules 5 modules - white 13 modules - white
10	0 016 62	
10	6 012 90	Terminal blocks for 1 row of 8 modules Neutral and earth - 2 x 8 holes
10	6 012 91	Terminal blocks for 1, 2, 3 and 4 rows of 12 modules Neutral and earth - 2 x 12 holes Earth - 30 holes Neutral - 30 holes
10	6 012 92	
10	6 012 93	

Surface mounting cabinets Nedbox

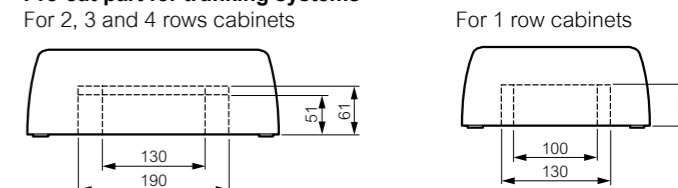
8 to 48 modules

Distribution cabinets 2, 3 or 4 rows of 12 modules

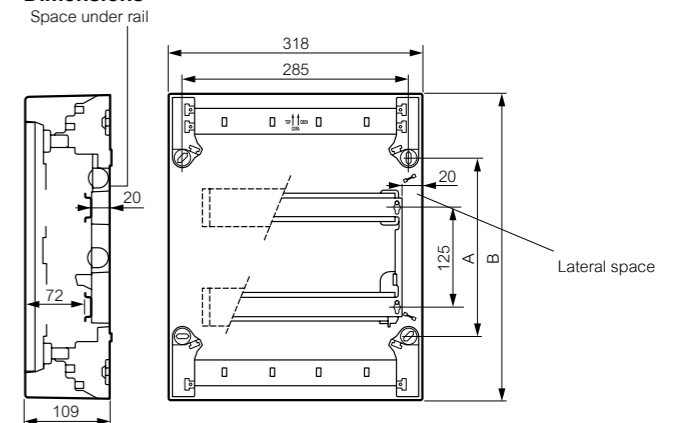


- A : insulating base
- B : chassis/rail
- C : cover
- D : plastic or metal door
- E : sealing caps
- F : blanking plates
- G : supports for cables ties
- H : fixation for terminal blocks

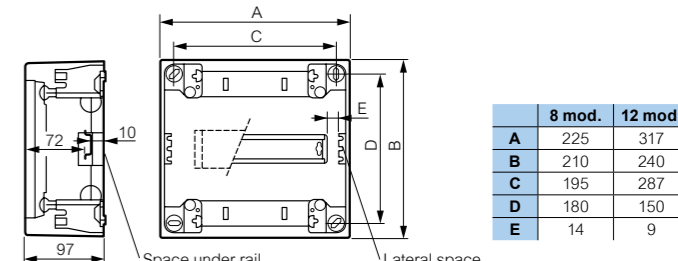
Pre-cut part for trunking systems



Dimensions



	24 mod.	36 mod.	48 mod.
A	225	350	475
B	380	505	630



	8 mod.	12 mod.
A	225	317
B	210	240
C	195	287
D	180	150
E	14	9

Flush-mounting cabinets Nedbox

12 to 48 modules

Flush-mounting cabinets Nedbox

12 to 48 modules

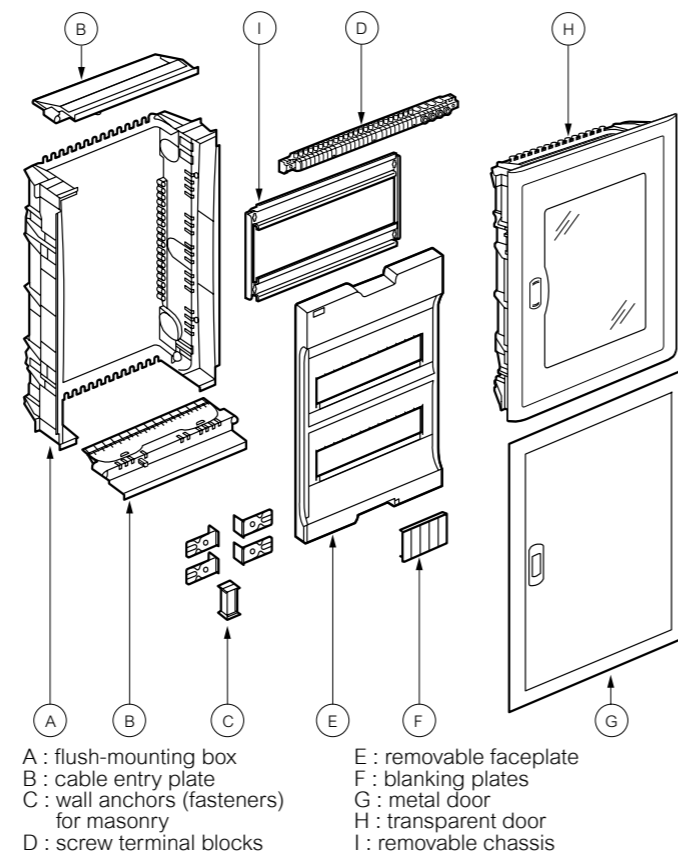


0 014 43

0 014 53

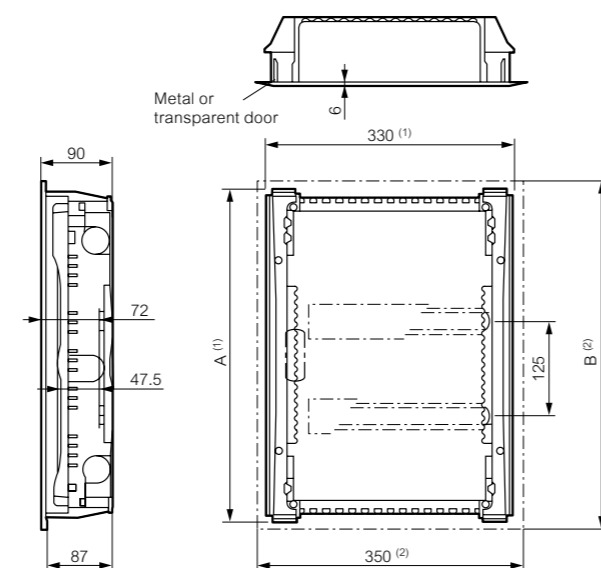
IP 40 - IK 07
Class II
Allows to achieve assemblies conform to IEC 61439-3
Self extinguishing: resistance to incandescent wire 850° C

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 - 16mm ²	1.5 - 10mm ²	1.5 - 16mm ²	1.5 - 10mm ²
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

Notes

Pack Cat.Nos Flush-mounting distribution cabinets

		White RAL 9010 Supplied with: - reversible door - screw terminal blocks for neutral and earth Spacing between rails 125mm For installation in dry partitions use the flush-mounting kit Cat.No 0 014 90
		With metal door white RAL 9010
	Number of rows	Number of modules
1	0 014 41	1 12 + 2
1	0 014 42	2 24 + 4
1	0 014 43	3 36 + 6
1	0 014 44	4 48 + 8
		With transparent door
	Number of rows	Number of modules
1	0 014 51	1 12 + 2
1	0 014 52	2 24 + 4
1	0 014 53	3 36 + 6
1	0 014 54	4 48 + 8

Accessories

"Reduced depth" mounting frame for dry partitions

For reducing the mounting depth to 70mm instead of 87mm

1	0 014 81	For 1-row cabinets Cat.No 0 014 41/51
1	0 014 82	For 2-row cabinets Cat.No 0 014 42/52
1	0 014 83	For 3-row cabinets Cat.No 0 014 43/53
1	0 014 84	For 4-row cabinets Cat.No 0 014 44/54

Flush-mounting kit for dry partitions

For installation of Nedbox flush-mounting cabinets in dry partitions

1	0 014 90	For installation of Nedbox flush-mounting cabinets in dry partitions
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

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 new range.

3 sizes of metal enclosures to fit as close as possible to the needs of your projects from 160A to 4000A: residential buildings, offices, hotels, shopping malls ...

XL³ S 160 ready to use cabinets up to 160A (p. 140-141)



- 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

Number of modules per row	24	36
Number of rows	from 2 to 8	from 4 to 8
Total number of modules	from 48 to 192	from 144 to 288

XL³ S 630 distribution enclosures up to 630A (p. 148-155)



- IP 30 without door / IP 40 with door
- 16, 24 or 36 modules per row
- 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 630A

Width Number of modules/row Usable width (mm)	Usable height (mm)	
	Enclosure	External cable sleeve
16 modules 350mm	750	750
	900	900
	1050	1050
	1200	1200
	1350	1350
24 modules 500mm	1500	1500
	1650	1650
	1800	1800
	1950	1950
	2100	2100
36 modules 700mm	2100	2100
	2250	2250

XL³ S 4000 distribution enclosures up to 4000A (p. 156-167)



- IP 30 without door / IP 40 with door
- 16, 24 or 36 modules per row
- Metal or glass doors, side or rear panels, supports for faceplates and functional uprights, to be ordered separately
- Take protection devices up to 4000A

Width Number of modules/row Usable width (mm)	Depth (mm)	Usable height (mm)				
		Enclosure	External cable sleeve			
16 modules 350mm	400	1800	1800			
				2000	2000	
						2000
24 modules 500mm	600	2000	2000			
				800	2000	2000
36 modules 700mm	800	2000	2000			
				2000	2000	

XL³ S 160 - 24 modules per row
 "ready to use" metal distribution cabinets



Technical characteristics p. 133

Cabinets supplied with L rails fitted (150mm 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

Pack	Cat.Nos	Surface mounting 24-module per row cabinets				
		Number of rows	Number 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

Faceplates and body: RAL 9003

Pack	Cat.Nos	Flush-mounting 24-module per row cabinets				
		Number of rows	Number 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

Supplied with fixing lugs
 Faceplates: RAL 9003

XL³ S 160 - 36 modules per row
 "ready to use" metal distribution cabinets



Technical characteristics p. 133

Cabinets supplied with L rails fitted (150mm 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

Pack	Cat.Nos	Surface mounting 36-module per row cabinets				
		Number of rows	Number 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

Faceplates and body: RAL 9003

Pack	Cat.Nos	Flush-mounting 36-module per row cabinets				
		Number of rows	Number 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

Supplied with fixing lugs
 Faceplates: RAL 9003



3 372 54

3 372 64

3 372 74

3 372 84

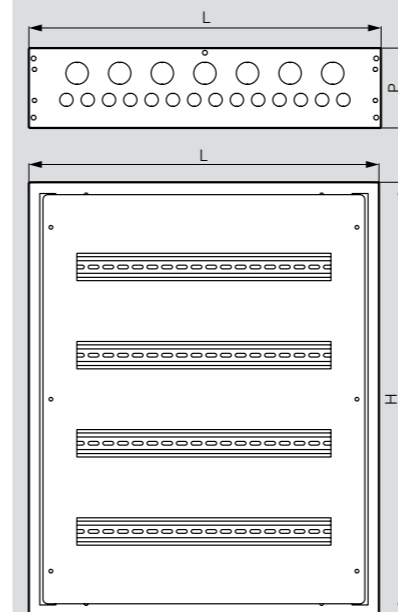


0 203 99

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 x 24
1	3 372 53	3 x 24
1	3 372 54	4 x 24
1	3 372 55	5 x 24
1	3 372 56	6 x 24
1	3 372 57	7 x 24
1	3 372 58	8 x 24
		For cabinets with 36 modules per row
1	3 372 64	4 x 36
1	3 372 65	5 x 36
1	3 372 66	6 x 36
1	3 372 67	7 x 36
1	3 372 68	8 x 36
		Glass doors
		For cabinets with 24 modules per row
		For cabinet (no. of modules)
1	3 372 72	2 x 24
1	3 372 73	3 x 24
1	3 372 74	4 x 24
1	3 372 75	5 x 24
1	3 372 76	6 x 24
1	3 372 77	7 x 24
1	3 372 78	8 x 24
		For cabinets with 36 modules per row
1	3 372 84	4 x 36
1	3 372 85	5 x 36
1	3 372 86	6 x 36
1	3 372 87	7 x 36
1	3 372 88	8 x 36
		Replacement handle for doors
1	3 397 10	Handle for XL ³ 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 XL ³ 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 XL ³ -S 160 flush-mounting cabinets in hollow partitions
1	3 374 05	Fixing supports for ducting Set of 2 supports
		Fixing plate and faceplate for DPX³ 160
1	3 374 10	For XL ³ S 160 cabinets with 24 modules per row
1	3 374 11	For XL ³ S 160 cabinets with 36 modules per row

Pack	Cat.Nos	Self-adhesive document holders for plans
		Open - RAL 7035
		External dimensions
		Height (mm) Width (mm)
		Internal 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
		Rigid, plastic, IP 50
		Internal dimensions: 324 x 120 x 18mm
		Transparent
		Soft plastic, A4 - 305 x 220mm
10	0 097 99	
		Rail height spacer
1	3 382 40	Used to combine modular devices and DPX ³ 160/250 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 DPX ³ 160/250 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 onto functional uprights using the lugs supplied
1	0 373 00	For 24-module width cabinet
1	3 397 57	For 36-module width cabinet
		Equipotential link conductor
1	3 397 53	Length 350mm. Cross-section 6mm ²

Dimensions of surface mounting cabinets



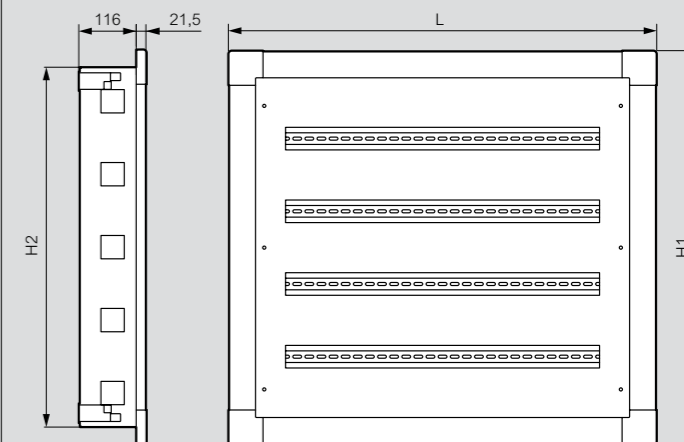
24-module cabinets

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	CABINET	POSITION	CONFIGURATION	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
DPX ³ 160	16 modules wide	Vertical	Without side motor-driven handle	3 382 20 + 4 210 71	-	-	300	3 382 71
		Vertical	With e.l.c.bs 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.bs 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.bs 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
DPX ³ 250	16 modules wide	Vertical	Without side motor-driven handle	3 382 20 + 4 210 72	-	-	300	3 382 71
		Vertical	With e.l.c.bs 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.bs 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.bs 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.bs 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.bs 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.bs and terminal shield	3 382 26 + 4 210 74	-	-	400	3 382 83
DPX ³ 160	FIXING ON PLATE			FIXING ON PLATE				
	16 modules wide	Horizontal	3P	-	3 383 00	-	100	3 383 50
			4P with or without e.l.c.bs	-	3 383 01	-	150	3 383 51
	24 modules wide	Horizontal	3P	-	3 383 03	-	100	3 383 53
			4P with or without e.l.c.bs	-	3 383 04	-	150	3 383 54
	36 modules wide	Horizontal	3P	-	3 383 06	-	100	3 383 56
			4P with or without e.l.c.bs	-	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.bs	-	3 383 21	-	300	3 382 71
	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.bs	-	3 383 25	-	300	3 382 72
	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.bs	-	3 383 28	-	300	3 382 73

XL³ S 630
selection chart (continued)

DEVICE	CABINET	POSITION	CONFIGURATION	FIXING DEVICES			FACEPLATES		
				RAIL	PLATE	BRACKETS	HEIGHT (mm)		
				FIXING ON RAIL			FIXING ON RAIL		
DPX ³ 250	16 modules wide	Horizontal	3P	-	3 384 00	-	150	3 384 50	
			3P or 4P with or without e.l.c.bs	-	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.bs	-	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.bs	-	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.bs	-	3 384 21	-	300	3 382 71	
	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.bs	-	3 384 25	-	300	3 382 72	
	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.bs			-	3 384 28	-	300	3 382 73		
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	
DPX ³ 630	16 modules wide	Horizontal	3P	-	3 387 00	-	150	3 387 50	
			4P without e.l.c.bs	-	3 387 01	-	200	3 387 51	
	24 modules wide	Horizontal	3P	-	3 387 03	-	150	3 387 53	
			4P without e.l.c.bs	-	3 387 04	-	200	3 387 54	
	36 modules wide	Horizontal	3P	-	3 387 06	-	150	3 387 56	
			4P without e.l.c.bs	-	3 387 07	-	200	3 387 57	
				4P with e.l.c.bs	-	3 387 07	-	200	3 387 58
				3P/4P without e.l.c.bs	-	3 387 20	-	400	3 387 70
	16 modules wide	Vertical	4P with e.l.c.bs	-	3 387 21	-	600	3 387 71	
			3P/4P without e.l.c.bs	-	3 387 24	-	400	3 387 74	
24 modules wide	Vertical	4P with e.l.c.bs	-	3 387 25	-	600	3 387 75		
		3P/4P without e.l.c.bs	-	3 387 27	-	400	3 387 77		
36 modules wide	Vertical	4P with e.l.c.bs	-	3 387 28	-	600	3 387 78		
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	

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. 158

Enclosures equipped with functional uprights and supplied with fixing supports for faceplates (fixing accessories for faceplates to be ordered separately p. 154)
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. 241)

Pack	Cat.Nos	Enclosures				
		16 modules wide				
		Faceplates: RAL 9003 Body: RAL 7016				
		Height (mm)		Width (mm)		Depth (mm)
		total	faceplate	total	usable	
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	574	249
1	3 375 32	974	900	604	574	249
1	3 375 42	1124	1050	604	574	249
1	3 375 52	1274	1200	604	574	249
1	3 375 62	1424	1350	604	574	249
1	3 375 72	1574	1500	604	574	249
1	3 375 82	1724	1650	604	574	249
1	3 375 92	1874	1800	604	574	249
1	3 376 02	2024	1950	604	574	249
1	3 376 12	2174	2100	604	574	249
1	3 376 22	2324	2250	604	574	249
		36 modules wide				
1	3 375 23	824	750	804	774	249
1	3 375 33	974	900	804	774	249
1	3 375 43	1124	1050	804	774	249
1	3 375 53	1274	1200	804	774	249
1	3 375 63	1424	1350	804	774	249
1	3 375 73	1574	1500	804	774	249
1	3 375 83	1724	1650	804	774	249
1	3 375 93	1874	1800	804	774	249
1	3 376 03	2024	1950	804	774	249
1	3 376 13	2174	2100	804	774	249
1	3 376 23	2324	2250	804	774	249

Pack	Cat.Nos	Internal cable sleeves			
		Internal cable sleeve kits			
		For mounting on either the right or left inside XL ³ S 630 enclosures			
		Height (mm)		Depth (mm)	
		total	faceplate		
1	3 379 32	824	750	249	
1	3 379 33	974	900	249	
1	3 379 34	1124	1050	249	
1	3 379 35	1274	1200	249	
1	3 379 36	1424	1350	249	
1	3 379 37	1574	1500	249	
1	3 379 38	1724	1650	249	
1	3 379 39	1874	1800	249	
1	3 379 40	2024	1950	249	
1	3 379 41	2174	2100	249	
1	3 379 42	2324	2250	249	
		External cable sleeves			
		Side cable sleeves			
		Fitted on either the right or left of enclosures using joining kits Cat.Nos 3 379 49/50			
		Height (mm)		Depth (mm)	
		total	faceplate	total	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)			
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			

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

Pack	Cat.Nos	Metal doors for XL ³ S 630 enclosures	
		16 modules wide	
		Supplied with fixed handle Key barrel to be ordered separately 2 or 3 locking points (depending on door height) 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	

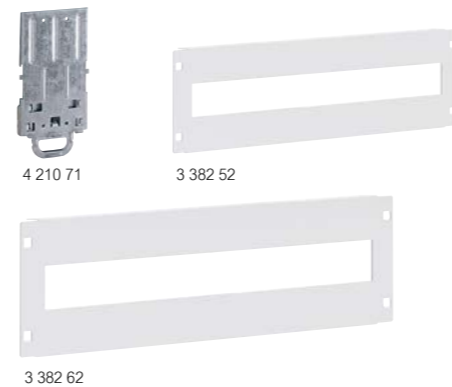
Pack	Cat.Nos	Glass doors for XL ³ S 630 enclosures	
		16 modules wide	
		Supplied with fixed handle Key barrel to be ordered separately 2 or 3 locking points (depending on door height) For cabinets with faceplate height (mm)	
1	3 377 51	750	
1	3 377 61	900	
1	3 377 71	1050	
1	3 377 81	1200	
1	3 377 91	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	



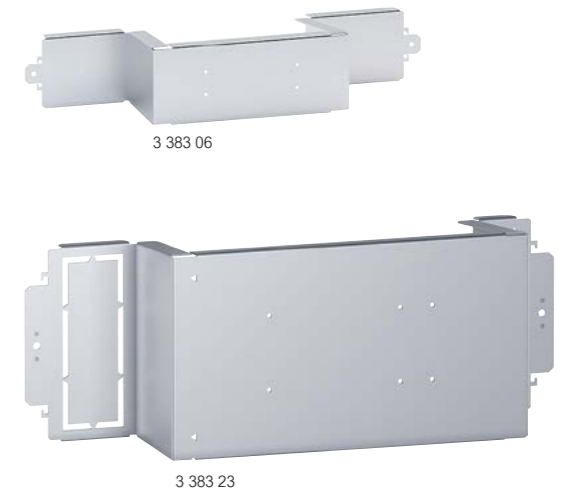
Technical characteristics p. 158

Pack	Cat.Nos	Metal doors for XL ³ 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 XL ³ S 630 with faceplate height 750 to 1200mm
1	3 397 12	For XL ³ S 630 with faceplate height 1350 to 2250mm
1	3 397 16	Locking handle no. 405 for XL ³ S 630 with faceplate height 750 to 1200mm Supplied with a set of 2 keys
1	3 397 17	Locking handle no. 405 for XL ³ S 630 with faceplate height 1350 to 2250mm 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 4 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 100mm
Corner pieces for plinth		
1	3 382 00	Set of 4 corner pieces
Finishing panel for plinth		
		Set of 2 plates Length (mm)
1	3 382 05	300
1	3 382 01	350
1	3 382 02	450
1	3 382 03	600
1	3 382 04	800
Joining kits		
		For connecting two enclosures
1	3 379 50	Joining screws for XL ³ S 630 and 4000 enclosures
1	3 379 49	Joining plates for XL ³ 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 XL ³ S 630 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



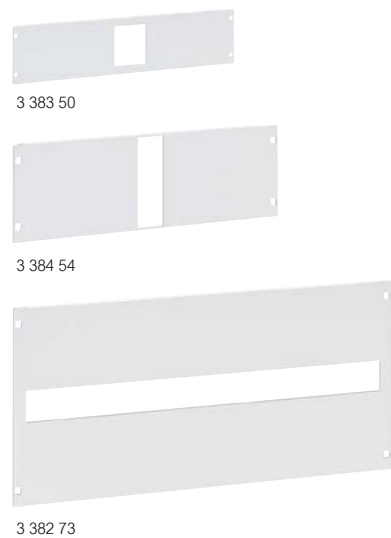
Pack	Cat.Nos	3-position rails
		Used for mounting modular devices or DPX ³ 160/250 equipped with adaptors for rail
1	3 382 20	For 16-module enclosure
1	3 382 23	For 24-module enclosure
1	3 382 26	For 36-module enclosure
Rail height spacer		
1	3 382 40	Used to combine modular devices and DPX ³ 160/250 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 DPX ³ 160/250 on the same rail
Adaptors for mounting DPX³ 160 and 250 on a rail		
		Used to mount DPX ³ on a rail
1	4 210 71	For DPX ³ 160 without side motor-driven handle
1	4 210 73	For DPX ³ 160 with e.l.c.bs without side motor-driven handle
1	4 210 68	For all DPX ³ 160 with side motor-driven handle
1	4 210 72	For DPX ³ 250 without side motor-driven handle
1	4 210 74	For DPX ³ 250 with e.l.c.bs without side motor-driven handle
1	4 210 69	For all DPX ³ 250 with side motor-driven handle
Window faceplates for modular devices		
		Fixed with locking clips, 1/4 turn screws or screws
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 150mm for modular devices		
1	3 382 61	For 16-module enclosure
1	3 382 62	For 24-module enclosure
1	3 382 63	For 36-module enclosure
Height 300mm 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 400mm for DPX³ 250 with e.l.c. 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



Pack	Cat.Nos	Fixing plates for DPX ³ 160/250 - horizontal mounting
		DPX³ 160
1	3 383 00	For 16-module enclosure
1	3 383 03	For 24-module enclosure
1	3 383 06	For 36-module enclosure
		DPX³ 250
1	3 384 00	For 16-module enclosure
1	3 384 03	For 24-module enclosure
1	3 384 06	For 36-module enclosure
Fixing plates for DPX³ 160/250 - vertical mounting		
		DPX³ 160
1	3 383 20	For 16-module enclosure
1	3 383 23	For 24-module enclosure
1	3 383 26	For 36-module enclosure
		DPX³ 250
1	3 383 21	For 16-module enclosure
1	3 383 25	For 24-module enclosure
1	3 383 28	For 36-module enclosure
DPX³ 250		
1	3 384 20	For 16-module enclosure
1	3 384 23	For 24-module enclosure
1	3 384 26	For 36-module enclosure
		DPX³ 160
1	3 384 21	For 16-module enclosure
1	3 384 25	For 24-module enclosure
1	3 384 28	For 36-module enclosure

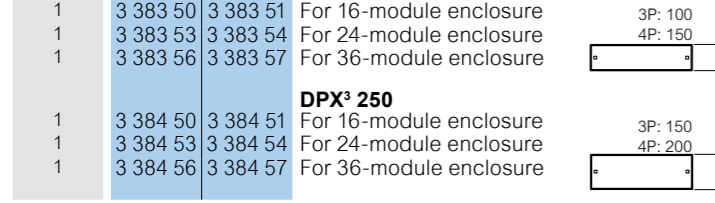
Fixing accessories for faceplates p. 145

XL³ S 630
equipment for mounting DPX³ 160/250 on plate (continued)

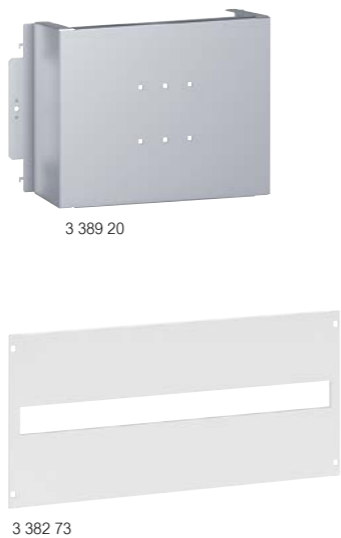


Technical characteristics p. 162

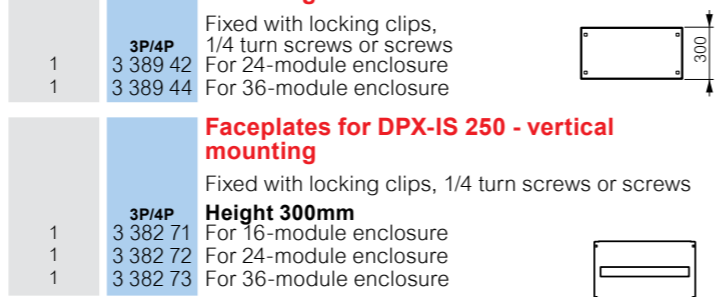
Pack	Cat.Nos		Faceplates for DPX ³ 160/250 - horizontal mounting
			Fixed with locking clips, 1/4 turn screws or screws
1	3P	4P	DPX³ 160
1	3 383 50	3 383 51	For 16-module enclosure
1	3 383 53	3 383 54	For 24-module enclosure
1	3 383 56	3 383 57	For 36-module enclosure
			DPX³ 250
1	3 384 50	3 384 51	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
			Faceplates for DPX³ 160/250 - vertical mounting
			Fixed with locking clips, 1/4 turn screws or screws
1	3 382 71		Height 300mm 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 DPX-IS 250 on plate



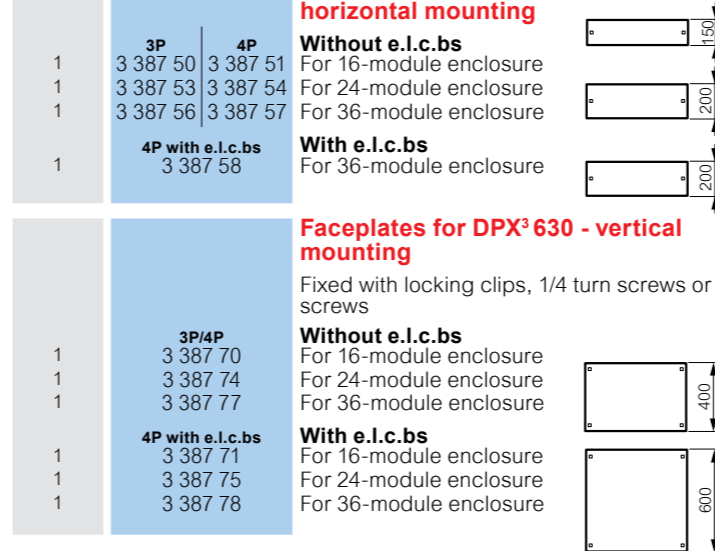
Pack	Cat.Nos	Fixing plates for DPX-IS 250 - horizontal mounting
1	3P/4P	For 24-module enclosure
1	3 389 02	For 24-module enclosure
1	3 389 04	For 36-module enclosure
	Fixing plates for DPX-IS 250 - vertical mounting	
1	3P/4P	For 16-module enclosure
1	3 389 20	For 16-module enclosure
1	3 389 22	For 24-module enclosure
1	3 389 24	For 36-module enclosure
	Faceplates for DPX-IS 250 - horizontal mounting	
	Fixed with locking clips, 1/4 turn screws or screws	
1	3P/4P	For 24-module enclosure
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 locking clips, 1/4 turn screws or screws	
1	3P/4P	Height 300mm For 16-module enclosure
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 on plate



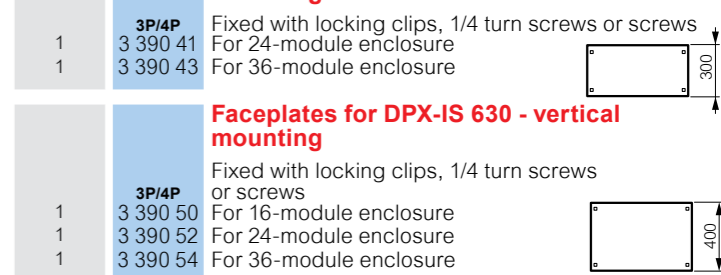
Pack	Cat.Nos		Fixing plates for DPX ³ 630 - horizontal mounting
1	3P	4P	For 16-module enclosure
1	3 387 00	3 387 01	For 16-module enclosure
1	3 387 03	3 387 04	For 24-module enclosure
1	3 387 06	3 387 07	For 36-module enclosure
	Fixing plates for DPX³ 630 - vertical mounting		
1	3P/4P	DPX³ 630 without e.i.c.bs For 16-module enclosure	
1	3 387 20	For 16-module enclosure	
1	3 387 24	For 24-module enclosure	
1	3 387 27	For 36-module enclosure	
1	4P with e.i.c.bs	DPX³ 630 with e.i.c.bs For 16-module enclosure	
1	3 387 21	For 16-module enclosure	
1	3 387 25	For 24-module enclosure	
1	3 387 28	For 36-module enclosure	
	Faceplates for DPX³ 630 - horizontal mounting		
1	3P	4P	Without e.i.c.bs For 16-module enclosure
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
1	4P with e.i.c.bs	With e.i.c.bs For 36-module enclosure	
1	3 387 58	For 36-module enclosure	
	Faceplates for DPX³ 630 - vertical mounting		
	Fixed with locking clips, 1/4 turn screws or screws		
1	3P/4P	Without e.i.c.bs For 16-module enclosure	
1	3 387 70	For 16-module enclosure	
1	3 387 74	For 24-module enclosure	
1	3 387 77	For 36-module enclosure	
1	4P with e.i.c.bs	With e.i.c.bs For 16-module enclosure	
1	3 387 71	For 16-module enclosure	
1	3 387 75	For 24-module enclosure	
1	3 387 78	For 36-module enclosure	



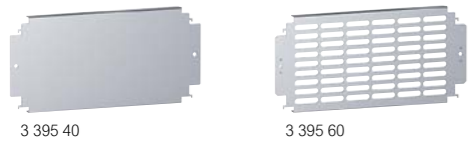
XL³ S 630
equipment for mounting DPX-IS 630 on plate



Pack	Cat.Nos	Fixing plates for DPX-IS 630 - horizontal mounting
1	3P/4P	For 24-module enclosure
1	3 390 02	For 24-module enclosure
1	3 390 14	For 36-module enclosure
	Fixing plates for DPX-IS 630 - vertical mounting	
1	3P/4P	For 16-module enclosure
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 locking clips, 1/4 turn screws or screws	
1	3P/4P	For 24-module enclosure
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 locking clips, 1/4 turn screws or screws	
1	3P/4P	For 16-module enclosure
1	3 390 50	For 16-module enclosure
1	3 390 52	For 24-module enclosure
1	3 390 54	For 36-module enclosure



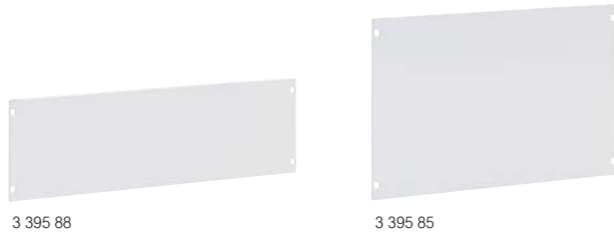
XL³ S 630
universal accessories



Technical characteristics p. 168

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
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

XL³ S 630
solid faceplates and fixing accessories for faceplates



Pack	Cat.Nos	Solid metal faceplates	
Fixed with locking clips, 1/4 turn screws or screws			
Height 50mm			
		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 100mm			
1	3 395 93	16	99
1	3 395 96	24	99
1	3 395 99	36	99
Height 150mm			
1	3 395 94	16	149
1	3 395 97	24	149
1	3 396 00	36	149
Height 200mm			
1	3 395 80	16	199
1	3 395 84	24	199
1	3 395 88	36	199
Height 300mm			
1	3 395 81	16	299
1	3 395 85	24	299
1	3 395 89	36	299
Height 400mm			
1	3 395 82	16	399
1	3 395 86	24	399
1	3 395 90	36	399
Height 600mm			
1	3 395 83	16	599
1	3 395 87	24	599
1	3 395 91	36	599
Fixing accessories for faceplates			
1	3 397 00	Set of 100 locking clips for quick fixing	
1	3 397 01	Set of 100 1/4 turn screws	
1	3 397 02	Set of 100 screws	

XL³ S 630
busbar supports and accessories



Pack	Cat.Nos	Busbar supports
For copper busbars ≤ 400 A		
1	3 399 00	Isolating support for flat copper bars 18 x 4, 25 x 4, 25 x 5 and 32 x 5mm, in sloping position
1	3 399 01	Isolating support for flat copper bars 18 x 4, 25 x 5 and 32 x 5mm, in aligned position
For aluminium busbars ≤ 630 A		
Can take C-section aluminium bars Cat.Nos 4 044 30/31/32 (p. 261)		
1	3 399 02	Isolating support for aluminium bars in staggered position
1	3 399 03	Lug type isolating support for aluminium bars in staggered position
1	3 399 04	Isolating support for aluminium bars in aligned position Can be fixed on the functional uprights of the enclosures with the help of the crosspieces Cat.Nos 3 379 80/81/82 (to be ordered separately) (p. 241)
1	3 399 05	Lug type isolating support for aluminium bars in aligned position. Can be fixed on the functional uprights of the enclosures with the help of the crosspieces Cat.Nos 3 379 80/81/82 (to be ordered separately) (p. 241)
For copper busbars ≤ 800 A		
1	3 399 06	Isolating support for flat copper bars 18 x 4, 25 x 5, 32 x 5, 50 x 5 and 63 x 5mm, in sloping position When installed in XL ³ S 630 enclosures l ≤ 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: 450mm
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 XL ³ 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 XL ³ S 630 and 4000 enclosures
Connection of protection 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 350mm. Cross-section 6mm ²
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

Pack	Cat.Nos	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			
Open - RAL 7035			
		External dimensions	
		Height (mm)	
		Width (mm)	
		Internal 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 18mm	
Transparent			
10	0 097 99	Soft plastic, A4 - 305 x 220mm	
Cable glands 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). Fits 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	
		Number of entries	
		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 isolating screws. IP 55 maintained	

XL³ S 4000
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	-	-	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		
DPX ³ 160	16 modules wide	Vertical	Without side motor-driven handle	3 382 20 + 4 210 71	-	-	300	3 382 71		
		Vertical	With e.l.c.bs 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.bs 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.bs 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		
DPX ³ 250	16 modules wide	Vertical	Without side motor-driven handle	3 382 20 + 4 210 72	-	-	300	3 382 71		
		Vertical	With e.l.c.bs 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.bs and terminal shield	3 382 20 + 4 210 74	-	-	400	3 382 81		
		Vertical	Without side motor-driven handle	3 382 23 + 4 210 72	-	-	300	3 382 72		
	24 modules wide	Vertical	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.bs and terminal shield	3 382 23 + 4 210 74	-	-	400	3 382 82		
		Vertical	Without side motor-driven handle	3 382 26 + 4 210 72	-	-	300	3 382 73		
		Vertical	With e.l.c.bs without side motor-driven handle	3 382 26 + 4 210 74	-	-	300	3 382 73		
	36 modules wide	Vertical	Without side motor-driven handle	3 382 26 + 4 210 69	-	-	300	3 382 73		
		Vertical	With e.l.c.bs and terminal shield	3 382 26 + 4 210 74	-	-	400	3 382 83		
		FIXING ON PLATE								
		16 modules wide	Horizontal/side uprights	3P	-	3 383 00	-	-	150	3 383 51
				4P with or without e.l.c.bs	-	3 383 01	-	-	150	3 383 51
24 modules wide	Horizontal/side uprights	3P	-	3 383 04	-	-	150	3 383 54		
		4P with or without e.l.c.bs	-	3 383 04	-	-	150	3 383 54		
36 modules wide	Horizontal/side uprights	3P	-	3 383 07	-	-	150	3 383 57		
		4P with or without e.l.c.bs	-	3 383 07	-	-	150	3 383 57		
DPX ³ 160	16 modules wide	Horizontal/central upright	3P	-	3 396 20	-	-	100	3 383 50	
			4P with or without e.l.c.bs	-	3 396 10	-	-	150	3 383 51	
	24 modules wide	Horizontal/central upright	3P	-	3 396 20	-	-	100	3 383 53	
			4P with or without e.l.c.bs	-	3 396 10	-	-	150	3 383 54	
	36 modules wide	Horizontal/central upright	3P	-	3 396 20	-	-	100	3 383 56	
			4P with or without e.l.c.bs	-	3 396 10	-	-	150	3 383 57	
	16 modules wide	Vertical	3P or 4P	-	3 383 20	-	-	300	3 382 71	
			4P with e.l.c.bs	-	3 383 21	-	-	300	3 382 71	
24 modules wide	Vertical	3P	-	3 383 23	-	-	300	3 382 72		
		4P	-	3 383 24	-	-	300	3 382 72		
36 modules wide	Vertical	4P with e.l.c.bs	-	3 383 25	-	-	300	3 382 72		
		3P	-	3 383 26	-	-	300	3 382 73		
DPX ³ 250	16 modules wide	Horizontal/side uprights	4P	-	3 383 27	-	-	300	3 382 73	
			4P with e.l.c.bs	-	3 383 28	-	-	300	3 382 73	
			3P	-	3 384 01	-	-	150	3 384 50	
	24 modules wide	Horizontal/side uprights	4P with or without e.l.c.bs	-	3 384 01	-	-	200	3 384 51	
			3P	-	3 384 04	-	-	150	3 384 53	
			4P with or without e.l.c.bs	-	3 384 04	-	-	200	3 384 54	
	36 modules wide	Horizontal/side uprights	3P	-	3 384 07	-	-	150	3 384 56	
			4P with or without e.l.c.bs	-	3 384 07	-	-	200	3 384 57	
			3P	-	3 396 21	-	-	150	3 384 50	
	16 modules wide	Horizontal/central upright	4P with or without e.l.c.bs	-	3 396 11	-	-	200	3 384 51	
			3P	-	3 396 21	-	-	150	3 384 53	
			4P with or without e.l.c.bs	-	3 396 11	-	-	200	3 384 54	
	24 modules wide	Horizontal/central upright	3P	-	3 396 21	-	-	150	3 384 56	
			4P with or without e.l.c.bs	-	3 396 11	-	-	200	3 384 57	
			3P	-	3 396 21	-	-	150	3 384 50	
36 modules wide	Horizontal/central upright	4P with or without e.l.c.bs	-	3 396 11	-	-	200	3 384 51		
		3P or 4P	-	3 384 20	-	-	300	3 382 71		
		4P with e.l.c.bs	-	3 384 21	-	-	300	3 382 71		
16 modules wide	Vertical	3P	-	3 384 23	-	-	300	3 382 72		
		4P	-	3 384 24	-	-	300	3 382 72		
		4P with e.l.c.bs	-	3 384 25	-	-	300	3 382 72		
24 modules wide	Vertical	3P	-	3 384 26	-	-	300	3 382 73		
		4P	-	3 384 27	-	-	300	3 382 73		
		4P with e.l.c.bs	-	3 384 28	-	-	300	3 382 73		

XL³ S 4000
selection chart

DEVICE	ENCLOSURE	POSITION	CONFIGURATION	FIXING DEVICES			FACEPLATES	
				RAIL	PLATE	BRACKETS	HEIGHT (MM)	
DPX ³ 630	16 modules wide	Horizontal/side uprights	3P	-	3 387 01	-	200	3 387 51
			4P	-	3 387 01	-	200	3 387 51
	24 modules wide	Horizontal/side uprights	3P	-	3 387 04	-	200	3 387 54
			4P	-	3 387 04	-	200	3 387 54
	36 modules wide	Horizontal/side uprights	3P	-	3 387 07	-	200	3 387 57
			4P	-	3 387 07	-	200	3 387 57
	16 modules wide	Horizontal/central upright	3P	-	3 396 22	-	150	3 387 50
			4P with or without e.l.c.bs	-	3 396 12	-	200	3 387 51
	24 modules wide	Horizontal/central upright	3P	-	3 396 22	-	150	3 387 53
			4P with or without e.l.c.bs	-	3 396 12	-	200	3 387 54
	36 modules wide	Horizontal/central upright	3P	-	3 396 22	-	150	3 387 56
			4P without e.l.c.bs	-	3 396 12	-	200	3 387 57
	16 modules wide	Vertical	3P/4P without e.l.c.bs	-	3 387 20	-	400	3 387 70
			4P with e.l.c.bs	-	3 387 21	-	600	3 387 71
24 modules wide	Vertical	3P/4P without e.l.c.bs	-	3 387 24	-	400	3 387 74	
		4P with e.l.c.bs	-	3 387 25	-	600	3 387 75	
36 modules wide	Vertical	3P/4P without e.l.c.bs	-	3 387 27	-	400	3 387 77	
		4P with e.l.c.bs	-	3 387 28	-	600	3 387 78	
DPX-IS 630	24 modules wide	Horizontal/side uprights	3P or 4P	-	3 390 02	-	300	3 390 41
	36 modules wide	Horizontal/side uprights	3P or 4P	-	3 390 14	-	300	3 390 43
		Horizontal/central upright	3P	-	3 396 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	
DPX ³ 1600	24 modules wide	Horizontal	3P	-	3 388 01	-	300	3 388 41
			4P	-	3 388 02	-	400	3 388 42
	36 modules wide	Horizontal	3P	-	3 388 03	-	300	3 388 43
			4P	-	3 388 04	-	400	3 388 44
	16 modules wide	Vertical	3P	-	3 388 10	-	350	3 388 50
	24 modules wide	Vertical	3P/4P	-	3 388 12	-	350	3 388 52
36 modules wide	Vertical	3P/4P	-	3 388 14	-	350	3 388 54	
DPX-IS 1600	24 modules wide	Horizontal	3P	-	3 388 01	-	300	3 388 61
		Horizontal	4P	-	3 388 02	-	400	3 388 62
	36 modules wide	Horizontal	3P	-	3 388 03	-	300	3 388 63
		Horizontal	4P	-	3 388 04	-	400	3 388 64
	16 modules wide	Vertical	3P	-	3 388 10	-	350	3 388 70
	24 modules wide	Vertical	3P/4P	-	3 388 12	-	350	3 388 72
36 modules wide	Vertical	3P/4P	-	3 388 14	-	350	3 388 74	
DMX ³ SIZE 1600	16 modules wide	Fixed version	3P	-	3 391 01	-	600	3 391 20
	24 modules wide	Fixed version	3P/4P	-	3 391 03	-	600	3 391 23
	36 modules wide	Fixed version	3P/4P	-	3 391 05	-	600	3 391 25
	16 modules wide	Draw-out version	3P	-	3 391 01	-	600	3 391 30
	24 modules wide	Draw-out version	3P/4P	-	3 391 03	-	600	3 391 33
36 modules wide	Draw-out version	3P/4P	-	3 391 05	-	600	3 391 35	
DMX ³ SIZE 2500	24 modules wide	Fixed/draw-out version	3P/4P	-	3 391 43	-	600	3 391 63
	36 modules wide	Fixed/draw-out version	3P/4P	-	3 391 45	-	600	3 391 65
DMX ³ SIZE 4000	36 modules wide	Fixed/draw-out version	3P/4P	-	3 391 85	-	600	3 392 05

XL³ S 4000
distribution enclosures and equipment



Doors, side or rear panels, supports for faceplates and functional uprights, to be ordered separately
Enclosures supplied with corner pieces for plinth
Take protection devices up to 4000A.
Used to create assemblies certified IEC 61439-2
IP 30 without door
IP 40 with door
External height 2000 or 2200mm
Capacity 16 modules/row (424mm wide enclosures), 24 modules/row (574mm or 800mm wide enclosures with internal cable sleeve), 36 modules/row (774mm wide enclosures)
Usable faceplate height 1800mm or 2000mm

Pack	Cat.Nos	Enclosures height 2000mm			
Depth 400mm					
		Faceplate height (mm)	Number of modules per row	total	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 600mm					
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 800mm					
1	3 380 09	1800	16	424	350
1	3 380 10	1800	24	574	500
1	3 380 11	1800	36	774	700

Pack	Cat.Nos	Enclosures height 2200mm			
Depth 400mm					
		Faceplate height (mm)	Number of modules per row	total	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 600mm					
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 800mm					
1	3 380 29	2000	16	424	350
1	3 380 30	2000	24	574	500
1	3 380 31	2000	36	774	700

External cable sleeves
Fitted on either the right or left of enclosures using joining kits Cat.Nos 3 379 49/50

For enclosures height 2000mm				
Pack	Cat.Nos	Faceplate height (mm)	Total width (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 2200mm				
1	3 380 20	2000	350	400
1	3 380 24	2000	350	600
1	3 380 28	2000	350	800

Pack	Cat.Nos	Metal doors	
Supplied with fixed handle			
Height 2000mm			
For enclosure width (mm)			
1	3 381 00	350	
1	3 381 01	450	
1	3 381 02	600	
1	3 381 03	800	
Height 2200mm			
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 2000mm			
For enclosure width (mm)			
1	3 381 20	450	
1	3 381 21	600	
1	3 381 22	800	
Height 2200mm			
1	3 381 30	450	
1	3 381 31	600	
1	3 381 32	800	
Replacement handles for doors			
1	3 397 13	For XL ³ S 4000	
1	3 397 18	Locking handle no. 405 Supplied with a set of 2 keys	

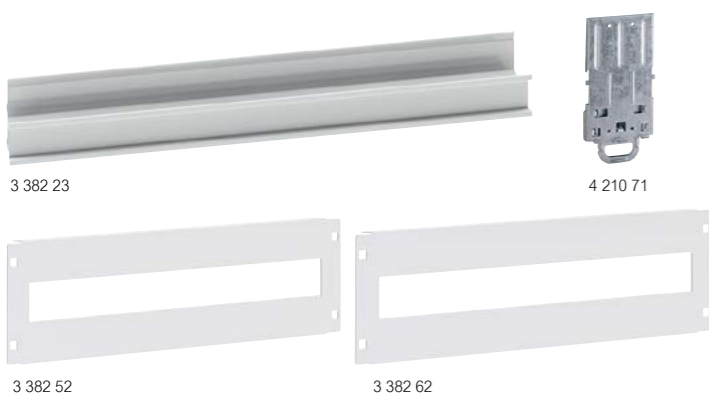
XL³ S 4000
equipment



Pack	Cat.Nos	Side or rear panels	
Fixed with a 1/4 turn screw			
Height 2000mm			
Width (mm)			
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 2200mm			
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 2000mm	
1	3 381 58	Faceplate supports for enclosure height 2200mm	
Side functional uprights			
For fixing equipment in horizontal or vertical position Set of 2 uprights			
1	3 381 55	For enclosures height 2000mm	
1	3 381 57	For enclosures height 2200mm	
Intermediate uprights			
1	3 381 46	For enclosures height 2000mm	
1	3 381 47	For enclosures height 2200mm	
Central functional uprights			
For fixing equipment in horizontal position only			
For enclosures height 2000mm			
For enclosure width (mm)			
1	3 381 60	450	
1	3 381 61	600	
1	3 381 62	800	
For enclosures height 2200mm			
1	3 381 63	450	
1	3 381 64	600	
1	3 381 65	800	
Internal cable sleeve kits			
1	3 381 43	For XL ³ S 4000 enclosure height 2000mm	
1	3 381 53	For XL ³ S 4000 enclosure height 2200mm	

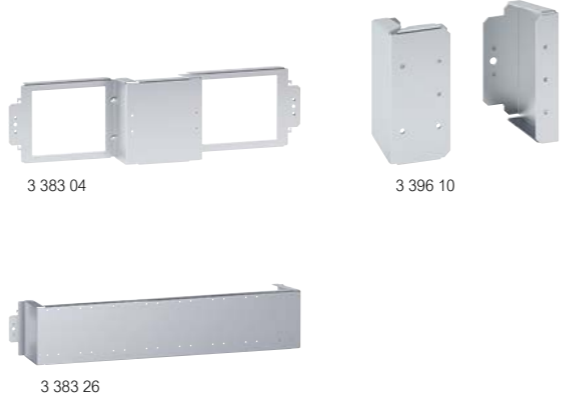
Pack	Cat.Nos	Plinths for XL ³ S 630 and 4000 enclosures	
Height 100mm			
1	3 382 00	Corner pieces for plinth Set of 4 corner pieces	
Finishing panel for plinth Set of 2 plates			
Length (mm)			
1	3 382 05	300	
1	3 382 01	350	
1	3 382 06	400	
1	3 382 02	450	
1	3 382 03	600	
1	3 382 04	800	
IP 30 finishing 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	
Joining kits			
For connecting two enclosures			
1	3 379 50	Joining screws for XL ³ S 630 and 4000 enclosures	
1	3 379 49	Joining plates for XL ³ S 630 and 4000 enclosures (to be used to strengthen joining)	

XL³ S 4000
equipment for mounting modular devices and DPX³ on a rail



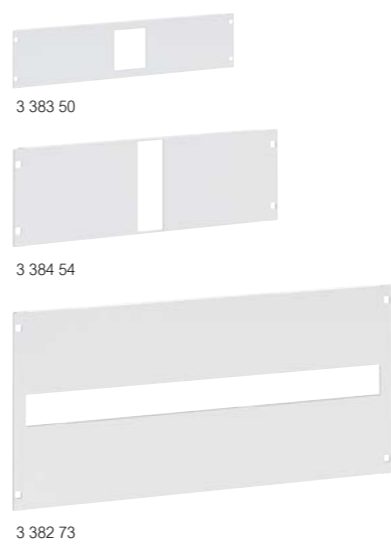
Pack	Cat.Nos	3-position rails
1	3 382 20	Used for mounting modular devices or DPX ³ 160/250 equipped with adaptors for rail
1	3 382 23	For 16-module enclosure
1	3 382 26	For 24-module enclosure
1	3 382 26	For 36-module enclosure
Rail height spacer		
1	3 382 40	Used to combine modular devices and DPX ³ 160/250 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 DPX ³ 160/250 on the same rail
Adaptors for mounting DPX³ 160 and 250 on a rail		
1	4 210 71	Used to mount DPX ³ on a rail
1	4 210 73	For DPX ³ 160 without side motor-driven handle
1	4 210 68	For DPX ³ 160 with side motor-driven handle
1	4 210 72	For DPX ³ 250 without side motor-driven handle
1	4 210 74	For DPX ³ 250 with e.l.c.bs without side motor-driven handle
1	4 210 69	For all DPX ³ 250 with side motor-driven handle
Window faceplates for modular devices		
Fixed with locking clips, 1/4 turn screws or screws		
Height 150mm 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 200mm for 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
Height 300mm 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 400mm for DPX³ 250 with e.l.c.bs 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 DPX³ 160/250 on plate



Pack	Cat.Nos	Fixing plates for DPX ³ 160/250 - horizontal mounting on side uprights
1	3 383 00	DPX³ 160 For 16-module enclosure
1	3 383 04	For 24-module enclosure
1	3 383 07	For 36-module enclosure
1	3 384 01	DPX³ 250 For 16-module enclosure
1	3 384 04	For 24-module enclosure
1	3 384 07	For 36-module enclosure
Fixing plates for DPX³ 160/250 - horizontal mounting on central upright		
1	3 396 20	For DPX ³ 160
1	3 396 21	For DPX ³ 250
1	3 396 10	For DPX ³ 160 with or without e.l.c.bs
1	3 396 11	For DPX ³ 250 with or without e.l.c.bs
Fixing plates for DPX³ 160/250 - vertical mounting		
1	3 383 20	DPX³ 160 For 16-module enclosure
1	3 383 23	For 24-module enclosure
1	3 383 26	For 36-module enclosure
1	3 383 21	4P with e.l.c.bs For 16-module enclosure
1	3 383 25	For 24-module enclosure
1	3 383 28	For 36-module enclosure
1	3 384 20	DPX³ 250 For 16-module enclosure
1	3 384 23	For 24-module enclosure
1	3 384 26	For 36-module enclosure
1	3 384 21	4P with e.l.c.bs For 16-module enclosure
1	3 384 25	For 24-module enclosure
1	3 384 28	For 36-module enclosure

XL³ S 4000
equipment for mounting DPX³ 160/250 on plate



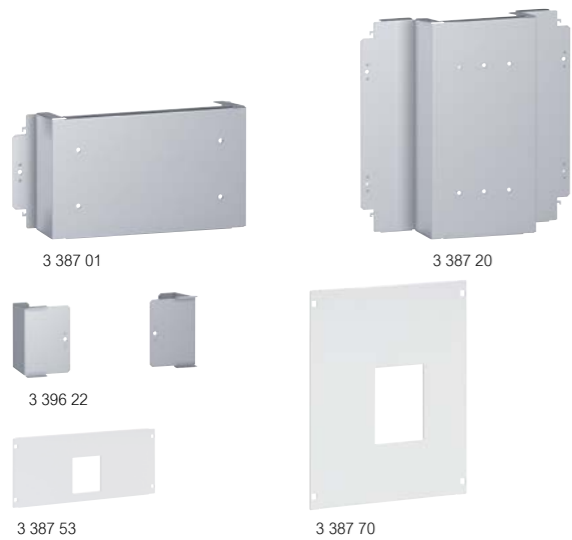
Pack	Cat.Nos	Reduced height faceplates for DPX ³ 160/250 - horizontal mounting
1	3 383 50	Fixed with locking clips, 1/4 turn screws or screws DPX³ 160 fixed on central upright For 16-module enclosure
1	3 383 53	For 24-module enclosure
1	3 383 56	For 36-module enclosure
1	3 384 50	DPX³ 250 fixed on side uprights or on central upright For 16-module enclosure
1	3 384 53	For 24-module enclosure
1	3 384 56	For 36-module enclosure
Faceplates for DPX³ 160/250 - horizontal mounting		
Fixed with locking clips, 1/4 turn screws or screws		
1	3 383 51	DPX³ 160 3P/4P fixed on side uprights or 4P on central upright For 16-module enclosure
1	3 383 54	For 24-module enclosure
1	3 383 57	For 36-module enclosure
1	3 384 51	DPX³ 250 fixed on side uprights or on central upright For 16-module enclosure
1	3 384 54	For 24-module enclosure
1	3 384 57	For 36-module enclosure
Faceplates for DPX³ 160/250 - vertical mounting		
Fixed with locking clips, 1/4 turn screws or screws		
1	3 382 71	Height 300mm For 16-module enclosure
1	3 382 72	For 24-module enclosure
1	3 382 73	For 36-module enclosure

XL³ S 4000
equipment for mounting DPX-IS 250 on plate



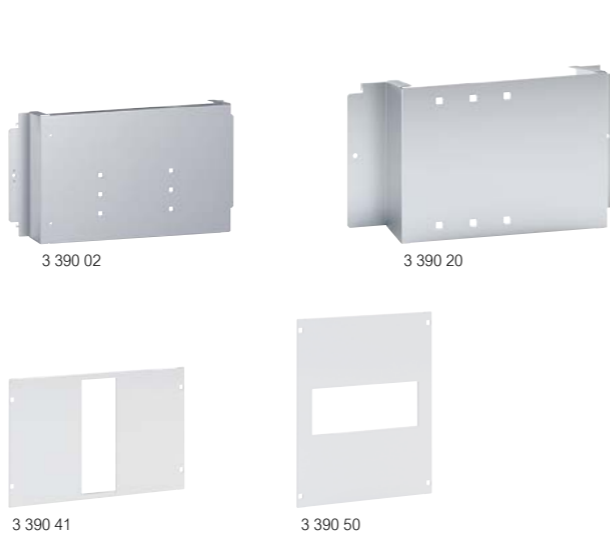
Pack	Cat.Nos	Fixing plates for DPX-IS 250 - horizontal mounting
1	3 389 02	For 24-module enclosure
1	3 389 04	For 36-module enclosure
Fixing plates for DPX-IS 250 - vertical mounting		
1	3 389 20	For 16-module enclosure
1	3 389 22	For 24-module enclosure
1	3 389 24	For 36-module enclosure
Fixing plates for DPX-IS 250 - mounting on central upright		
1	3 396 13	For DPX-IS 250
Faceplates for DPX-IS 250 - horizontal mounting		
Fixed with locking clips, 1/4 turn screws or screws		
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 locking clips, 1/4 turn screws or screws		
1	3 382 71	Height 300mm For 16-module enclosure
1	3 382 72	For 24-module enclosure
1	3 382 73	For 36-module enclosure

XL³ S 4000
equipment for mounting DPX³ 630 on plate



Pack	Cat.Nos	Fixing plates for DPX ³ 630 - horizontal mounting on side uprights
1	3P/4P 3387 01	For 16-module enclosure
1	3387 04	For 24-module enclosure
1	3387 07	For 36-module enclosure
Fixing plates for DPX ³ 630 - horizontal mounting on central upright		
1	3P 3396 22	For DPX ³ 630
1	4P 3396 12	For DPX ³ 630 with or without e.l.c.bs
Fixing plates for DPX ³ 630 - vertical mounting		
1	3P/4P 3387 20	For 16-module enclosure
1	3387 24	For 24-module enclosure
1	3387 27	For 36-module enclosure
1	4P with e.l.c.bs 3387 21	For 16-module enclosure
1	3387 25	For 24-module enclosure
1	3387 28	For 36-module enclosure
Reduced height faceplates for DPX ³ 630 - horizontal mounting on central upright		
1	3P 3387 50	Fixed with locking clips, 1/4 turn screws or screws
1	3387 53	For 16-module enclosure
1	3387 56	For 24-module enclosure
1	3387 58	For 36-module enclosure
Faceplates for DPX ³ 630 - horizontal mounting		
Fixed with locking clips, 1/4 turn screws or screws		
1	3P/4P 3387 51	Without e.l.c.bs For 16-module enclosure
1	3387 54	For 24-module enclosure
1	3387 57	For 36-module enclosure
1	4P with e.l.c.bs 3387 58	With e.l.c.bs For 36-module enclosure
Faceplates for DPX ³ 630 - vertical mounting		
Fixed with locking clips, 1/4 turn screws or screws		
1	3P/4P 3387 70	Without e.l.c.bs For 16-module enclosure
1	3387 74	For 24-module enclosure
1	3387 77	For 36-module enclosure
1	4P with e.l.c.bs 3387 71	With e.l.c.bs For 16-module enclosure
1	3387 75	For 24-module enclosure
1	3387 78	For 36-module enclosure

XL³ S 4000
equipment for mounting DPX-IS 630 on plate



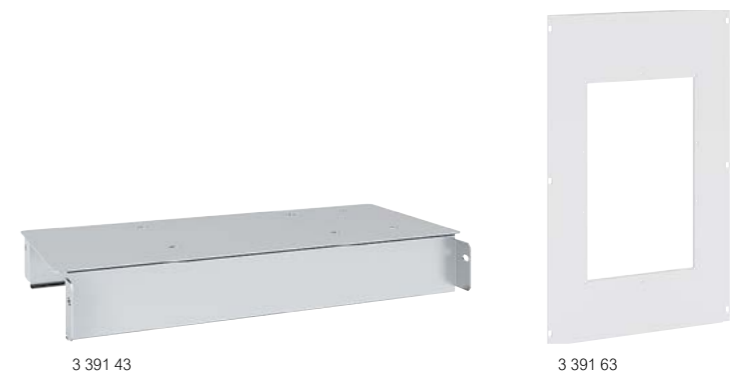
Pack	Cat.Nos	Fixing plates for DPX-IS 630 - horizontal mounting on side uprights
1	3P/4P 3390 02	For 24-module enclosure
1	3390 14	For 36-module enclosure
Fixing plates for DPX-IS 630 - horizontal mounting on central upright		
1	3P 3396 14	For DPX-IS 630
Fixing plates for DPX-IS 630 - vertical mounting		
1	3P/4P 3390 20	For 16-module enclosure
1	3390 22	For 24-module enclosure
1	3390 24	For 36-module enclosure
Faceplates for DPX-IS 630 - horizontal mounting		
Fixed with locking clips, 1/4 turn screws or screws		
1	3P/4P 3390 41	For 24-module enclosure
1	3390 43	For 36-module enclosure
Faceplates for DPX-IS 630 - vertical mounting		
Fixed with locking clips, 1/4 turn screws or screws		
1	3P/4P 3390 50	For 16-module enclosure
1	3390 52	For 24-module enclosure
1	3390 54	For 36-module enclosure

XL³ S 4000 - equipment for mounting DPX³ 1600 and DPX-IS 1600 on plate

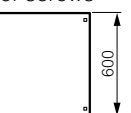
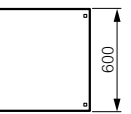
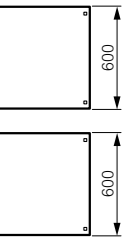


Pack	Cat.Nos	Fixing plates for DPX ³ 1600 and DPX-IS 1600 - horizontal mounting
1	3P 3388 01	For 24-module enclosure
1	4P 3388 02	For 36-module enclosure
1	3P 3388 03	For 24-module enclosure
1	4P 3388 04	For 36-module enclosure
Fixing plates for DPX ³ 1600 and DPX-IS 1600 - vertical mounting		
1	3P 3388 10	For 16-module enclosure
1	3P/4P 3388 12	For 24-module enclosure
1	3388 14	For 36-module enclosure
Faceplates for DPX ³ 1600 fixed on plate		
Fixed with locking clips, 1/4 turn screws or screws		
1	3P 3388 41	Horizontal mounting For 24-module enclosure
1	4P 3388 42	For 36-module enclosure
1	3P/4P 3388 43	Vertical mounting For 24-module enclosure
1	3388 44	For 36-module enclosure
1	3P/4P 3388 50	For 16-module enclosure
1	3P/4P 3388 52	For 24-module enclosure
1	3388 54	For 36-module enclosure
Faceplates for DPX-IS 1600		
Fixed with locking clips, 1/4 turn screws or screws		
1	3P 3388 61	Horizontal mounting For 24-module enclosure
1	4P 3388 62	For 36-module enclosure
1	3P/4P 3388 63	Vertical mounting For 24-module enclosure
1	3388 64	For 36-module enclosure
1	3P/4P 3388 70	For 16-module enclosure
1	3P/4P 3388 72	For 24-module enclosure
1	3388 74	For 36-module enclosure

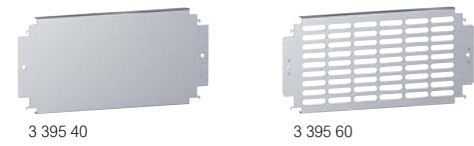
XL³ S 4000
equipment for mounting DMX³ on plate



Pack	Cat.Nos	Fixing plates for DMX ³ size 1600
1	3P/4P 3391 01	Fixed or draw-out version For 16-module enclosure
1	3391 03	For 24-module enclosure
1	3391 05	For 36-module enclosure
Faceplates for DMX ³ size 1600		
Fixed with locking clips, 1/4 turn screws or screws		
1	3P 3391 20	Fixed version For 16-module enclosure
1	3P/4P 3391 23	For 24-module enclosure
1	3391 25	For 36-module enclosure
1	3P 3391 30	Draw-out version For 16-module enclosure
1	3P/4P 3391 33	For 24-module enclosure
1	3391 35	For 36-module enclosure
Fixing plates for DMX ³ size 2500		
1	3P/4P 3391 43	Fixed and draw-out version For 24-module enclosure
1	3391 45	For 36-module enclosure
Faceplates for DMX ³ size 2500		
Fixed with locking clips, 1/4 turn screws or screws		
1	3P/4P 3391 63	Fixed and draw-out version For 24-module enclosure
1	3391 65	For 36-module enclosure
Fixing plates for DMX ³ size 4000		
1	3P/4P 3391 85	Fixed and draw-out version For 36-module enclosure
Faceplates for DMX ³ size 4000		
Fixed with locking clips, 1/4 turn screws or screws		
1	3P/4P 3392 05	Fixed and draw-out version For 36-module enclosure

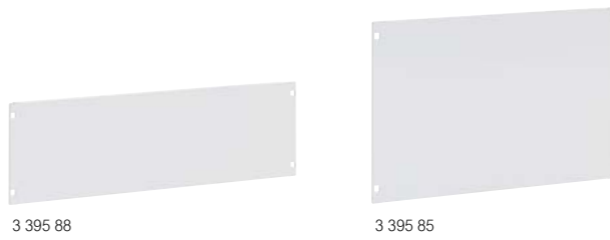


XL³ S 4000
universal accessories and mounting plates



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
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 XL ³ 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 plates		
1	3 381 74	For installation in XL ³ 4000 enclosures For enclosures height 2200mm Can be cut to height 2000mm

XL³ S 4000
solid faceplates and fixing accessories for faceplates



Pack	Cat.Nos	Full-height solid metal faceplates
		Fixed with locking clips, 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 1799 350 343
1	3 381 50	2200 1799 350 343
Solid metal faceplates		
Fixed with locking clips, 1/4 turn screws or screws		
Height 50mm		
		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 100mm		
1	3 395 93	16 99
1	3 395 96	24 99
1	3 395 99	36 99
Height 150mm		
1	3 395 94	16 149
1	3 395 97	24 149
1	3 396 00	36 149
Height 200mm		
1	3 395 80	16 199
1	3 395 84	24 199
1	3 395 88	36 199
Height 300mm		
1	3 395 81	16 299
1	3 395 85	24 299
1	3 395 89	36 299
Height 400mm		
1	3 395 82	16 399
1	3 395 86	24 399
1	3 395 90	36 399
Height 600mm		
1	3 395 83	16 599
1	3 395 87	24 599
1	3 395 91	36 599
Fixing accessories for faceplates		
1	3 397 00	Set of 100 locking clips for quick fixing
1	3 397 01	Set of 100 1/4 turn screws
1	3 397 02	Set of 100 screws

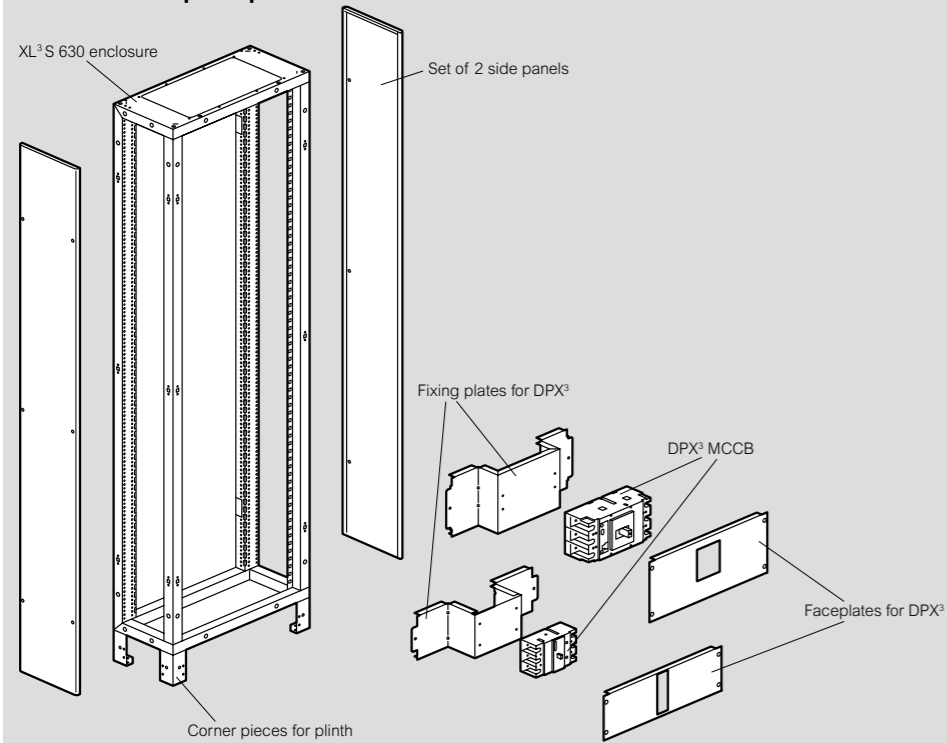
XL³ S 4000
busbar supports and accessories



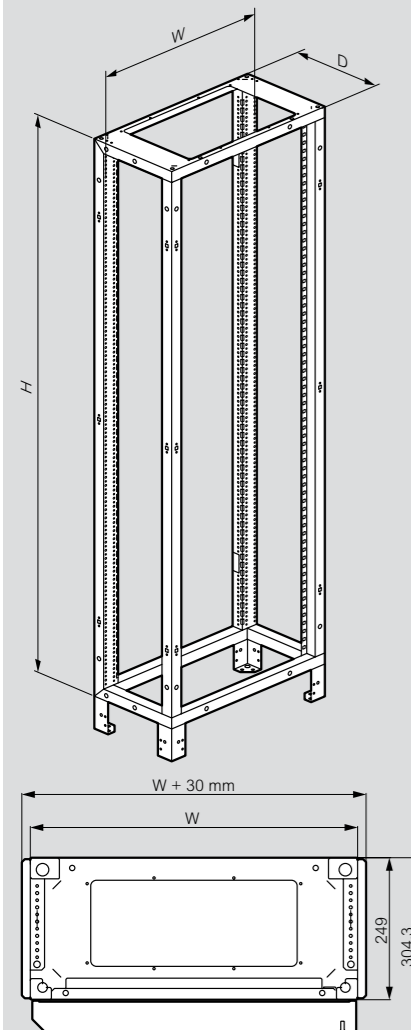
Pack	Cat.Nos	Busbar supports
For copper busbars ≤ 400A		
1	3 399 00	Isolating support for flat copper bars 18 x 4, 25 x 4, 25 x 5 and 32 x 5mm, in sloping position
1	3 399 01	Isolating support for flat copper bars 18 x 4, 25 x 5 and 32 x 5mm, in aligned position Can be fixed on the functional uprights of the enclosures with the help of the crosspieces Cat.Nos 3 379 81/82 (to be ordered separately)(p.241)
For aluminium busbars ≤ 630A		
1	3 399 02	Can take C-section aluminium bars Cat.Nos 4 044 30/31/32 Isolating support for aluminium bars in staggered position
1	3 399 03	Lug type isolating support for aluminium bars in staggered position
1	3 399 04	Isolating support for aluminium bars in aligned position Can be fixed on the functional uprights of the enclosures with the help of the crosspieces Cat.Nos 3 379 80/81/82 (to be ordered separately)
1	3 399 05	Lug type isolating support for aluminium bars in aligned position. Can be fixed on the functional uprights of the enclosures with the help of the crosspieces Cat.Nos 3 379 80/81/82 (to be ordered separately)
For copper busbars ≤ 800A		
1	3 399 06	Isolating support for flat copper bars 18 x 4, 25 x 5, 32 x 5, 50 x 5 and 63 x 5mm in sloping position
For aluminium busbars ≤ 1600A		
1	3 399 31	Can take aluminium C-section bars Cat.Nos 0 373 54/55/56/57/58 (p. 261) in staggered position. Fixing centres: 75mm Length: 300mm (for enclosure depth 400mm)
1	3 399 32	Length: 500mm (for enclosure depth 600mm)
1	3 399 33	Length: 700mm (for enclosure depth 800mm)
For copper / aluminium busbars ≤ 3200A		
1	3 399 20	Can take aluminium C-section bars Cat.Nos 0 373 54/55/56/57/58 To be equipped with the kits for busbar supports Cat.Nos 3 399 24/36/37/38/39/40 according to the dimensions and type of busbars For copper / aluminium busbars in aligned position Fixing centres: 75mm For enclosures depth / width: 400/450mm
1	3 399 21	For copper / aluminium busbars in aligned position Fixing centres: 75mm
1	3 399 22	For enclosures depth / width: 600mm For copper / aluminium busbars in aligned position Fixing centres: 75mm
1	3 399 23	For enclosures depth / width: 800mm Additional support for copper / aluminium busbars Fixing centres: 75mm. Mounted in addition to fixed supports Cat.Nos 3 399 20/21/22 to comply with distances (Isc withstand)
1	3 399 25	For aluminium busbars in aligned position Fixing centres: 125mm
1	3 399 26	For enclosures depth / width: 600mm For aluminium busbars in aligned position Fixing centres: 125mm
1	3 399 27	For enclosures depth / width: 800mm Additional support for aluminium busbars Fixing centres: 125mm. Mounted in addition to fixed supports Cat.Nos 3 399 25/26 to comply with distances (Isc withstand)
For copper busbars ≤ 4000A		
1	3 399 29	For copper busbars in aligned position Fixing centres: 125mm For enclosures depth: 600/800mm
1	3 399 30	Additional support for copper busbars in aligned position. Fixing centres: 125mm. Mounted in addition to fixed supports Cat.No 3 399 29 to comply with distances (Isc withstand)

Pack	Cat.Nos	Kits for busbar supports
Allow 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: 5mm; Bar height: up to 63mm
1	3 399 37	For flat copper bars Bar thickness: 5mm; Bar height: from 75 to 125mm
1	3 399 38	For flat copper bars Bar thickness: 10mm; Bar height: up to 60mm
1	3 399 39	For flat copper bars Bar thickness: 10mm; Bar height: from 80 to 120mm
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 (3200A max.). Supplied with accessories to transform busbar support into lug support
Crosspieces		
1	3 397 30	For external cable sleeves width: 350mm
1	3 397 31	For 16-module enclosure or width: 450mm
1	3 397 34	For enclosure depth: 400mm
1	3 397 35	For 24-module enclosure or depth 600mm
1	3 397 36	For 36-module enclosure or depth 800mm
Plate for 630A aluminium busbar		
1	0 373 84	Connection plate for aluminium busbar
Earthing bar supports		
1	3 397 21	For XL ³ S 630 and 4000 enclosures
Connection of protection 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 350mm. Cross-section 6mm ²
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 340kg per ring

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

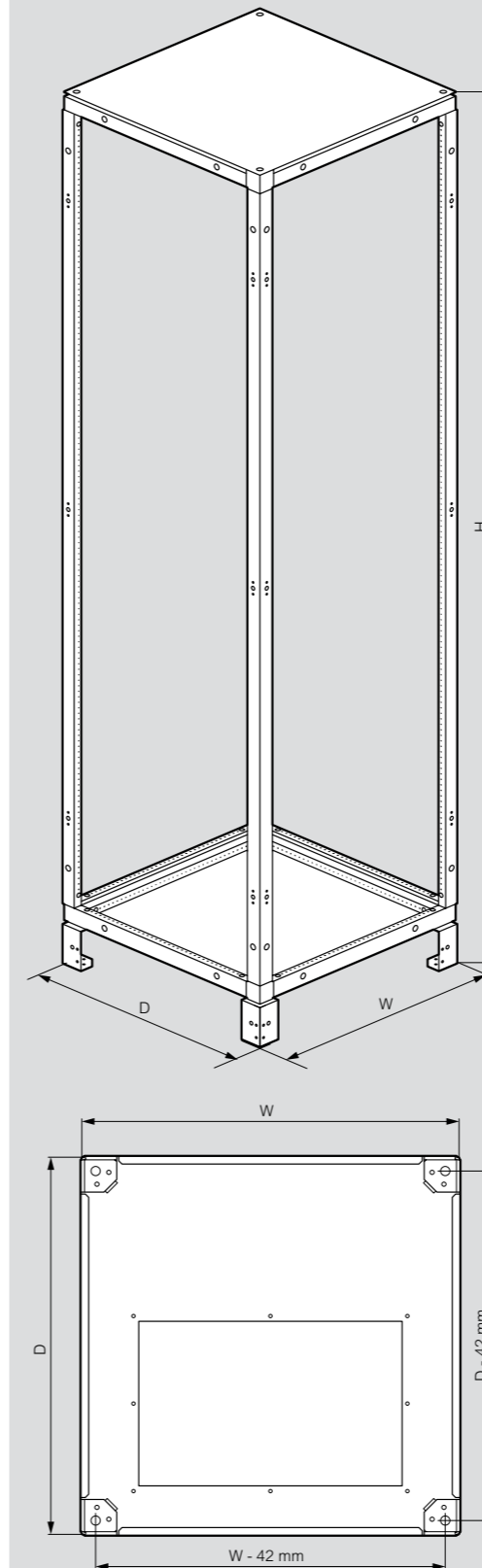
Cat.Nos	External dimensions (mm)		
	W	H	D
3 375 23	774	824	249
3 375 33	774	974	249
3 375 43	774	1124	249
3 375 53	774	1274	249
3 375 63	774	1424	249
3 375 73	774	1574	249
3 375 83	774	1724	249
3 375 93	774	1874	249
3 376 03	774	2024	249
3 376 13	774	2174	249
3 376 23	774	2324	249

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

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

XL³ S 630 and XL³ S 4000
isolating busbar supports selection chart

Max. In (A)		Flat copper bars				C-section aluminium bars								
		400		800	3000	4000	630		1600			3200		
Mounting	Supports	400		800	3000	4000	630		1600			3200		
XL³ S 630						XL³ S 630								
	Vertical at back of cable sleeve	W: 450mm						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 04/05 + 3 379 81						
		W: 36 modules						3 399 04/05 + 3 379 82						
	Main horizontal at back of enclosure	Cable sleeve W: 350mm						3 399 02/03 + 3 379 79 x 2 ⁽¹⁾						
		W: 16 modules						3 399 02/03 + 3 379 80 x 2 ⁽¹⁾						
		W: 24 modules						3 399 02/03 + 3 379 81 x 2 ⁽¹⁾						
		W: 36 modules						3 399 02/03 + 3 379 82 x 2 ⁽¹⁾						
XL³ S 4000						XL³ S 4000								
	Main horizontal at top or at bottom of enclosure	D: 400						3 399 20/23 + 3 399 36/37/38/39 ⁽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 + 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 or 3 399 20/23 + 3 399 36/37/38/39 ⁽⁶⁾	3 399 29/30			3 399 25/27 + 3 399 40 ⁽⁵⁾	3 399 21 + 3 399 23 + 3 399 24 or 3 399 20 + 3 399 23 + 3 399 24 ⁽⁶⁾
		D: 800	Front access ⁽²⁾						3 399 22/23 + 3 399 36/37/38/39 ⁽⁵⁾				3 399 26/27 + 3 399 40 ⁽⁵⁾	3 399 22 + 3 399 23 + 3 399 24 ⁽⁵⁾
Rear access ⁽³⁾							3 399 22/23 + 3 399 36/37/38/39 or 3 399 21/23 + 3 399 36/37/38/39 ⁽⁶⁾	3 399 29/30			3 399 26/27 + 3 399 40 or 3 399 25/27 + 3 399 40 ⁽⁶⁾	3 399 22 + 3 399 23 + 3 399 24 or 3 399 21 + 3 399 23 + 3 399 24 ⁽⁶⁾	3 399 26 + 3 399 27 + 3 399 24 or 3 399 25 + 3 399 27 + 3 399 24 ⁽⁶⁾	
	Horizontal transfer	D: 400						3 399 20/23 + 3 399 36/37/38/39 ⁽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 + 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⁾ or 3 399 20/23 + 3 399 36/37/38/39 ⁽⁸⁾	3 399 29/30			3 399 25/27 + 3 399 40 ⁽⁷⁾	3 399 21 + 3 399 23 + 3 399 24 ⁽⁷⁾ or 3 399 20 + 3 399 23 + 3 399 24 ⁽⁸⁾
		D: 800	Front access ⁽²⁾						3 399 22/23 + 3 399 36/37/38/39 ⁽⁷⁾				3 399 26/27 + 3 399 40 ⁽⁷⁾	3 399 22 + 3 399 23 + 3 399 24 ⁽⁷⁾
Rear access ⁽³⁾							3 399 22/23 + 3 399 36/37/38/39 ⁽⁷⁾ or 3 399 21/23 + 3 399 36/37/38/39 ⁽⁸⁾	3 399 29/30			3 399 26/27 + 3 399 40 ⁽⁷⁾ or 3 399 25/27 + 3 399 40 ⁽⁸⁾	3 399 22 + 3 399 23 + 3 399 24 ⁽⁷⁾ or 3 399 21 + 3 399 23 + 3 399 24 ⁽⁸⁾	3 399 26 + 3 399 27 + 3 399 24 ⁽⁷⁾ or 3 399 25 + 3 399 27 + 3 399 24 ⁽⁸⁾	
	Vertical lateral inside cable sleeve	D: 400						3 399 02/03 + 3 397 34				3 399 20/23 + 3 399 40 ⁽⁴⁾		
		D: 600	Front access ⁽²⁾						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 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 02/03 + 3 397 36				3 399 22/23 + 3 399 40	3 399 26/27 + 3 399 40
			Rear access ⁽³⁾						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 structural uprights of the cabinets (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 plates (mainly by 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 400mm; 10: The 2 sets of bars are placed one above the other in the height of the cabinet; 11: Max. 630A

XL³ S 4000
isolating busbar supports selection chart (continued)

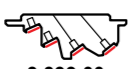


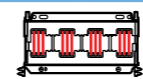
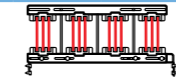
Max. In (A)		Flat copper bars				C-section aluminium busbars									
		400		800	3000	4000	630		1600		3200				
Mounting	Supports	3 399 00		3 399 01	3 399 06	3 399 20/21/22/23 (fixing centres: 75mm)	3 399 29/30 (fixing centres: 25mm)	3 399 02/03	3 399 04/05	3 399 20/21/22/23 (fixing centres: 75mm)	3 399 31/32/33 (fixing centres: 75mm)	3 399 25/26/27 (fixing centres: 125mm)	3 399 20/21/22/23 (fixing centres: 75mm)	3 399 25/26/27 (fixing centres: 125mm)	
		XL ³ S 4000							XL ³ S 4000						
	D: 400	3 399 00 + 3 397 34				3 399 20/23 + 3 399 36/37/38/39 ⁽⁵⁾		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	
	D: 400	3 399 00 + 3 397 34				3 399 20/23 + 3 399 36/37/38/39 ⁽⁵⁾		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	
	D: 600mm					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: 800mm				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: 600mm				3 399 06 + 3 397 35										
	D: 800mm				3 399 06 + 3 397 36										
	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						
	W: 16 modules / 450mm					3 399 20/23 + 3 399 36/37/38/39 ⁽⁶⁾				3 399 20/23 + 3 399 40 ⁽⁶⁾					
	W: 24 modules				3 399 06 + 3 397 35	3 399 21/23 + 3 399 36/37/38/39 ⁽⁶⁾				3 399 21/23 + 3 399 40 ⁽⁶⁾		3 399 25/27 + 3 399 40 ⁽⁶⁾			
	W: 36 modules				3 399 06 + 3 397 36	3 399 22/23 + 3 399 36/37/38/39 ⁽⁶⁾				3 399 22/23 + 3 399 40 ⁽⁶⁾		3 399 26/27 + 3 399 40 ⁽⁶⁾			
	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 + 3 397 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 + 3 397 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 W: 350mm					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 + 3 397 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 W: 450mm / 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 + 3 397 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 + 3 397 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 + 3 397 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	

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 plates (mainly by 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 aluminum 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 400mm;
 9: The 2 sets of bars are placed one above the other in the height of the cabinet

XL³ S 630 and XL³ S 4000
busbar selection

Busbars and accessories

			≤ 400				≤ 800				≤ 3000				≤ 4000			
Flat busbars supports			 3 399 00 Vertical busbar Horizontal busbar		 3 399 01 Vertical busbar Horizontal busbar		 3 399 06 Vertical busbar Horizontal busbar		 3 399 20/21/22/23 (fixing centres: 75mm) Vertical busbar Horizontal busbar		 3 399 29/30 (fixing centres: 125mm) Vertical busbar Horizontal busbar							
Cat.Nos	Cross section (mm)	Number of bar per pole	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		
0 374 34	18 x 4	1	245	200	245	200	245	200	245	200	245	200	-	-	-	-		
0 374 38	25 x 4	1	280	250	280	250	-	-	-	-	-	-	-	-	-			
0 374 18	25 x 5	1	330	270	330	270	330	270	330	270	330	270	-	-	-			
0 374 19	32 x 5	1	450	400	450	400	450	400	450	400	450	400	-	-	-			
0 374 40	50 x 5	1	-	-	-	-	-	-	700	630	630	550	-	-	-	-		
		2	-	-	-	-	-	-	-	-	-	-	700	630	630	550		
		3	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
		4	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
0 374 41	63 x 5	1	-	-	-	-	-	-	800	700	720	630	-	-	-	-		
		2	-	-	-	-	-	-	-	-	-	-	800	700	720	630		
		3	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
		4	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
0 374 59	75 x 5	1	-	-	-	-	-	-	-	-	-	-	950	850	600	475		
		2	-	-	-	-	-	-	-	-	-	-	1500	1300	890	700		
		3	-	-	-	-	-	-	-	-	-	-	2200	1900	1250	1100		
		4	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
0 374 43	80 x 5	1	-	-	-	-	-	-	-	-	-	-	1000	900	630	500		
		2	-	-	-	-	-	-	-	-	-	-	1650	1450	940	740		
		3	-	-	-	-	-	-	-	-	-	-	2350	2000	1300	1150		
		4	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
0 374 46	100 x 5	1	-	-	-	-	-	-	-	-	-	-	1250	1050	750	580		
		2	-	-	-	-	-	-	-	-	-	-	1900	1600	1120	900		
		3	-	-	-	-	-	-	-	-	-	-	2900	2450	1600	1400		
		4	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
	125 x 5	1	-	-	-	-	-	-	-	-	-	-	1450	1270	1000	800		
		2	-	-	-	-	-	-	-	-	-	-	2500	2150	1450	1250		
		3	-	-	-	-	-	-	-	-	-	-	3450	2900	1800	1600		
		4	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
50 x 10		1	-	-	-	-	-	-	-	-	-	-	950	850	880	650		
		2	-	-	-	-	-	-	-	-	-	-	1680	1470	1250	1050		
		3	-	-	-	-	-	-	-	-	-	-	-	-	-			
60 x 10		1	-	-	-	-	-	-	-	-	-	-	1150	1020	1000	800		
		2	-	-	-	-	-	-	-	-	-	-	2030	1750	1600	1250		
		3	-	-	-	-	-	-	-	-	-	-	-	-	-			
80 x 10		1	-	-	-	-	-	-	-	-	-	-	1460	1270	1150	950		
		2	-	-	-	-	-	-	-	-	-	-	2500	2150	1700	1500		
		3	-	-	-	-	-	-	-	-	-	-	-	-	-			
100 x 10		1	-	-	-	-	-	-	-	-	-	-	1750	1500	1350	1150		
		2	-	-	-	-	-	-	-	-	-	-	3050	2550	2000	1650		
		3	-	-	-	-	-	-	-	-	-	-	-	-	-			
120 x 10		1	-	-	-	-	-	-	-	-	-	-	2000	1750	1650	1450		
		2	-	-	-	-	-	-	-	-	-	-	3600	3000	2500	2000		
		3	-	-	-	-	-	-	-	-	-	-	-	-	-			



4 044 32 + 3 399 02 + 3 379 80 (p. 253)

Pack	Cat.Nos	C-section aluminium bars		
		Tinned copperd C-section aluminium bars Electrolytic compatibility with copper guaranteed		
		30 x 14mm - length 1600mm		
		Cross section (mm)	I permissible (A)	
			IP ≤ 30	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 30mm - length 1780mm		
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

Pack	Cat.Nos	Insulating caps for nuts	
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 bars				Rigid, flat, threaded holes		Rigid flat clear holes	
Cross section (mm)	I permissible (A)	IP ≤ 30	IP > 30	Holes ø7 m	Length (mm)	IP ≤ 30	IP > 30	IP ≤ 30	IP > 30
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			
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			

		Accessories	
10	0 373 11	Isolating profile Isolating profile for flat copper bars 18 x 4, 25 x 4, 25 x 5 and 32 x 5mm, length 1m Supplied with fixing clips	
50	0 367 74	Insulating screws M6 x 10	
50	0 367 75	HF screws with contact washe M6 x 10	

1: One support Cat.No 3 399 20/21/22 and one support Cat.No 3 399 23 in association
2: One support Cat.No 3 399 25/26 and one support Cat.No 3 399 27 in association

Enclosures for any configuration

XL³ 4000 enclosures are fully modular, enable different configurations (back to back, or side by side) and take all equipment up to 4000A, whatever level of partitioning is required



XL³ 4000 enclosure with Legrand protection devices

DISCOVER THE RANGE

- Enclosure:
 - 2 Heights: 2m and 2.2m
 - 3 Widths: 475, 725 or 975mm
 - 3 Depths: 475, 725 or 975mm
 - IP30 or IP55 (with door and seal)
- Takes: DIN rail equipment, DMX³, DPX³, DPX-IS and Vistop up to 4000A

Equipment selection for XL³

Device	Version	Position	Configuration	Connection terminals	XL ³ 4000 - 24 modules							XL ³ 4000 - 36 modules				
					Spacer	Fixing devices	Plate	Height (mm)	Metal faceplate			Fixing devices	Plate	Metal faceplate		
									1/4 turn	Screw	Lock			Height (mm)	Screw	
FIXING ON DIN-RAIL																
DX ³ < 63A		vertical				0 206 01	-	150	0 208 00	0 209 00	-	0 206 51	-	150	0 209 50	
DX ³ > 63A		vertical				0 206 01	-	200	0 208 01	0 209 01	0 212 09	0 206 51	-	200	0 209 51	
Vistop 63 to 160A	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																
DPX ³ 160 (Combination possible with DPX ³ 250)	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 supply inverter	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 supply inverter	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	-	-	-	-	-	-
			-	front	-	-	0 206 15	150	0 208 13	0 209 13	-	-	-	-	-	-
			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 supply inverter	front or rear			0 207 50	0 206 69	0 206 81	400	-	-	0 212 11	-	-	-	-	
	with or without front motor-driven handle	front or rear			-	-	0 207 95	200	-	-	0 212 13	-	-	-	-	
	DPX ³ 250 (Combination possible with thermal-magnetic DPX ³ 160)	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
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 supply inverter				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 supply inverter				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	-	-	-	-	-	-
-				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 supply inverter	front or rear	0 207 50	0 206 69	0 206 83	400	-	-	0 212 11	-	-	-	-		
		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	
			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

Device	Version	Position	Configuration	Connection (terminals)	Rotary handle/motor-driven	XL ³ 4000 - 24 modules							XL ³ 4000 - 36 modules					
						Spacer	Fixing devices	Plate	Height (mm)	Metal faceplate 1/4 turn	Metal faceplate Screw	Lock	Fixing devices	Plate	Height (mm)	Metal faceplate Screw	Lock	
FIXING ON PLATE																		
DPX ³ 630	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	-	-	-	-	-	-	
	plug-in	vertical	supply inverters	front or rear	with or without mot. control	0 207 50 ⁽¹⁾	-	0 210 67	400	-	0 210 67	-	-	-	-	-	-	
			1 to 2 devices, no elcbs	front or rear	with or without		0 210 60	0 210 62	400	-	-	0 210 64	-	-	-	-	-	
		horizontal	1 to 2 devices, no elcbs	front or rear	with or without	-	0 210 61	0 210 63	400	-	-	0 210 65	-	-	-	-	-	
			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	-	-	0 212 21	-	-	-	-	-
				no elcbs	front or rear	motor-driven	0 207 50	0 210 60	0 210 62	400	-	-	0 212 04	-	-	-	-	-
			horizontal	with elcbs	front or rear	with or without rotary handle	0 207 50	0 210 61	0 210 63	600	-	-	0 212 23	-	-	-	-	-
				with or without elcbs	front or rear	with or without rotary handle		-	0 207 98	300	-	-	0 212 18	-	-	-	-	-
vertical	with or without elcbs	front or rear	motor-driven		-	0 207 98	300	-	-	0 212 19	-	-	-	-	-			
	supply inverters	front or rear	motor-driven	0 207 50	-	0 210 66	400	-	-	0 210 69	-	-	-	-	-			
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	-	-	-	-	-		
DPX ³ 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	-	-	-	-	-		
	horizontal	no elcbs	front or rear	rotary handle or motor-driven	0 207 50 ⁽¹⁾⁽²⁾	-	0 207 36	400	-	0 209 35	-	-	-	-	-			
		supply inverters	front or rear	-		-	0 206 86	800	-	0 209 86	-	-	-	-	-			
	draw-out	vertical	supply inverters	front or rear	motor-driven		-	0 206 86	800	-	0 209 87	-	-	-	-	-		
			no elcbs	front terminals	-	-	-	0 211 05	400	-	-	0 211 15	-	-	-	-		
		horizontal	no elcbs	front terminals	rotary handle or motor-driven		-	0 211 05	400	-	-	0 211 16	-	-	-	-		
			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	-	-	-	-			
supply inverters			rear terminals	-		-	0 206 87	800	-	-	0 212 36	-	-	-	-			
supply inverters	rear terminals	motor-driven		-	0 206 87	800	-	-	0 212 37	-	-	-	-					
DMX ³ 1600	fixed	vertical	device only	rear terminals	-	0 207 80	-	600	-	-	0 210 84	0 207 81	-	600	-	0 207 86		
	draw-out		device only	rear terminals	-	0 207 80	-	600	-	-	0 210 85	0 207 81	-	600	-	0 207 87		
	fixed		2 devices side by side	rear terminals	-	-	-	-	-	-	-	0 207 81	-	600	-	0 207 88		
	draw-out		2 devices side by side	rear terminals	-	-	-	-	-	-	-	0 207 81	-	600	-	0 207 89		
DMX ³ 2500, N/H/L, 3P DMX ³ 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		
DMX ³ -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		
DMX ³ 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		
DMX ³ -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



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

IP30 - IK07
IP55 - IK08 with 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 2200mm.
Capacity 24 modules (enclosures width 725 or width 975 with internal cable sleeve), 36 modules (enclosures width 975)
Usable faceplate height 1800mm (1700mm only if using the pivoting support frame) or 2000mm

Pack	Cat.Nos	Enclosures and cable sleeves modular metal																					
		Structural uprights Fit onto the "roof-base" assembly Take the side and rear panels Set of 4 uprights																					
1	0 205 00 0 208 50	Height (mm) 2000 2200																					
1	0 205 20 0 208 51	Intermediate structural upright Fits on the structure of the enclosure "roof-base"																					
		"Roof-base" for enclosure Fitted with cable entry plates Take the structural uprights																					
		<table border="1"> <thead> <tr> <th>Depth (mm)</th> <th>external</th> <th>usable</th> </tr> </thead> <tbody> <tr> <td>475</td> <td>725</td> <td>600</td> </tr> <tr> <td>725</td> <td>725</td> <td>600</td> </tr> <tr> <td>475</td> <td>975</td> <td>850</td> </tr> <tr> <td>725</td> <td>975</td> <td>850</td> </tr> <tr> <td>975</td> <td>725</td> <td>600</td> </tr> <tr> <td>975</td> <td>975</td> <td>850</td> </tr> </tbody> </table>	Depth (mm)	external	usable	475	725	600	725	725	600	475	975	850	725	975	850	975	725	600	975	975	850
Depth (mm)	external	usable																					
475	725	600																					
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725	975	850																					
975	725	600																					
975	975	850																					
		"Roof-base" for cable sleeves Fitted with cable entry plates Take the structural uprights																					
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																					
1	0 205 41 0 208 57	2000 2200 Width 475mm																					
1	0 205 42 0 208 58	Width 725mm																					
1	0 205 43 0 208 59	Width 975mm																					
		Finishing panels IP30																					
1	0 205 61	IP 30 width 475mm																					
1	0 205 62	IP 30 width 725mm																					
1	0 205 63	IP 30 width 975mm																					
		IP55 strip IP 55 strip (for use when joining enclosures)																					
1	0 205 41 0 208 57	2000 2200																					
		Plinths that can be placed side by side																					
		<table border="1"> <thead> <tr> <th>Height (mm)</th> <th>Width (mm)</th> <th>Depth (mm)</th> </tr> </thead> <tbody> <tr> <td>100</td> <td>475</td> <td>475</td> </tr> <tr> <td>100</td> <td>725</td> <td>475</td> </tr> <tr> <td>100</td> <td>725</td> <td>725</td> </tr> <tr> <td>100</td> <td>975</td> <td>475</td> </tr> <tr> <td>100</td> <td>975</td> <td>725</td> </tr> <tr> <td>100</td> <td>975</td> <td>975</td> </tr> </tbody> </table>	Height (mm)	Width (mm)	Depth (mm)	100	475	475	100	725	475	100	725	725	100	975	475	100	975	725	100	975	975
Height (mm)	Width (mm)	Depth (mm)																					
100	475	475																					
100	725	475																					
100	725	725																					
100	975	475																					
100	975	725																					
100	975	975																					

Pack	Cat.Nos	Equipment
		Functional uprights Set of 2 functional uprights For fixing mounting equipment (faceplate, rails...)
1	0 205 12 0 208 52	Height (mm) 2000 2200 Reduced functional uprights for enclosure depth 475mm
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 Fixed for enclosure width 725mm or enclosure width 975mm without internal cable sleeves
1	0 205 58 0 208 55	Fixed for enclosure width 975mm with internal cable sleeves
1	0 205 59 0 208 56	Pivoting for enclosure width 725mm
1	0 205 68	Pivoting for enclosure width 975mm without internal cable sleeves
1	0 205 69	Pivoting for enclosure width 975mm with internal cable sleeves
1	0 205 79	
		Spacer for functional uprights For fitting DPX on fixing devices or adjustable plates
1	0 207 50	
		Fixed crosspieces Fit onto structural uprights Fixed crosspieces are required for creating an internal cable sleeve
1	0 205 21	Set of 2 crosspieces length 350mm
1	0 205 22	Set of 2 crosspieces length 600mm
1	0 205 23	Set of 2 crosspieces length 850mm
		Adjustable crosspieces Fit onto structural uprights Specifically for busbar supports
1	0 205 51	Set of 2 crosspieces length 350mm
1	0 205 52	Set of 2 crosspieces length 600mm
1	0 205 53	Set of 2 crosspieces length 850mm
		Equipments for partial chassis 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 30	
1	0 205 31	Set of 2 fixed crosspieces length 350mm
1	0 205 32	Set of 2 fixed crosspieces length 600mm
		Front covers with hinges and lock For internal cable sleeve
1	0 205 47 0 208 66	Height (mm) 2000 2200
1	0 205 48 0 208 67	For external cable sleeve

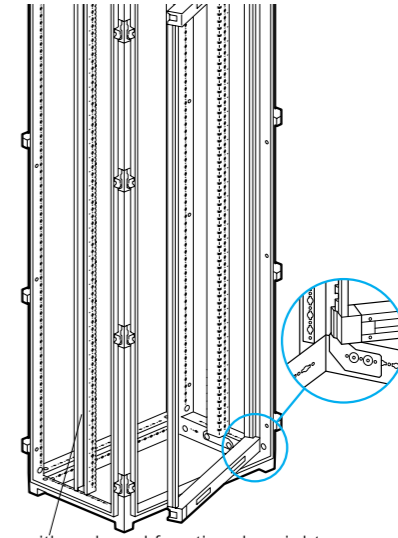


0 205 77

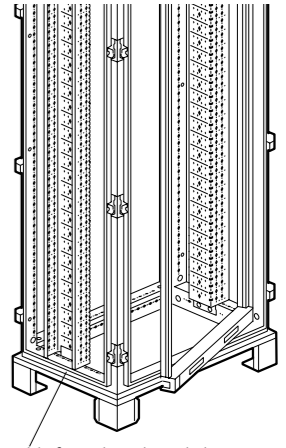


0 205 82

Pack	Cat.Nos	Reversible doors
		Supplied with handle Interchangeable key barrels, to be ordered separately For mounting on front, rear or side
1	0 205 54 0 208 61	Height (mm) 2000 2200 Curved - metal Width 725mm
1	0 205 57 0 208 62	Width 975mm
1	0 205 64 0 208 63	Curved - glass Width 725mm
1	0 205 67 0 208 64	Width 975mm
1	0 205 71 0 208 65	Flat - metal Width 475mm
1	0 205 74	Width 725mm
1	0 205 77	Width 975mm
1	0 205 84	Height 2000mm Flat - glass Width 725mm
1	0 205 87	Width 975mm
		Mounting equipment
		Joining Screws for structural joining Set of 2 L-shaped reinforcement plates Set of 2 flat reinforcement plates Sealing kit IP55 for use when joining cabinets - length 5m Kit for joining plinths
1	0 205 86	
1	0 205 88	
1	0 205 89	
1	0 205 85	
1	0 205 10	
		Lifting rings Set of 4 Max. load: 340kg per ring
1	0 205 82	

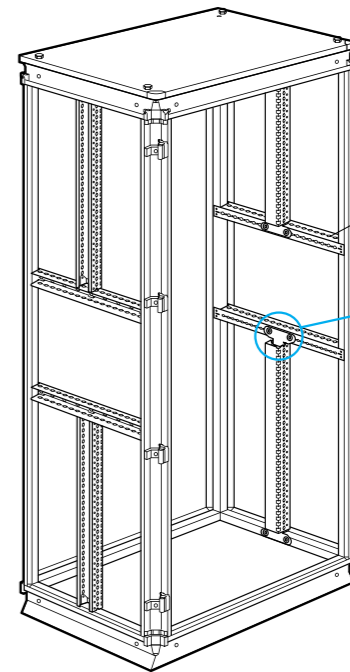


with reduced functional upright
Cat.No 0 205 12



with functional upright
Cat.No 0 205 13

Example of double partial chassis with reduced functional uprights Cat.No 0 205 12



crosspieces
Cat.No 0 205 31/32

fixing plate
Cat.No 0 205 30

XL³ 4000 Distribution enclosures

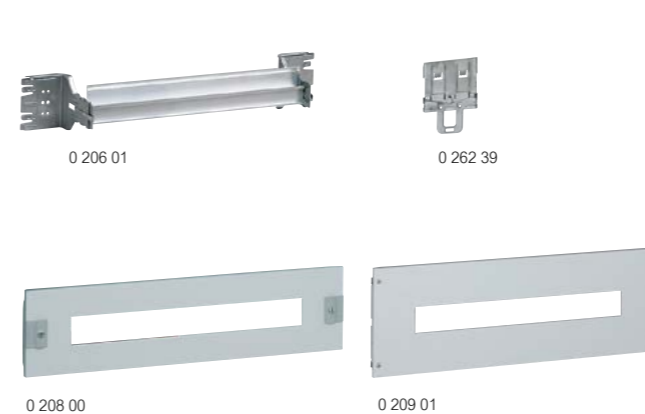
Technical Characteristics

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			
					fixed	pivoting					Metal	Curved Glass	Flat Metal	Flat Glass
Height 2000 or 2200mm Width x Depth														
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" assemble	Structural uprights	Plinths	Front covers	Rear panels	Side panels	Metal doors							
Height 2000 or 2200mm 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 2200mm

Equipment for XL³ 4000

for modular devices, Vistop, DPX³ 160/250, DPX-IS 250 on rail



Pack	Cat.Nos	Fixing devices on rail
1	24 modules 36 modules 0 206 01 0 206 51	Rails Comprising: an aluminium profile rail and two 2-position fixing brackets Accept HX ³ 125A plug-in connection row distribution blocks Fit onto functional uprights For mounting DPX ³ using fixing plates For fixing on XL ³ 800 and XL ³ 4000 functional uprights Accept wire guide Cat.No 4 052 25 Fixing plates for mounting DPX³ on rail For mounting DPX ³ on aluminium rail or on plate Cat.Nos 0 206 11/61 For DPX ³ 160 without side motor-driven handle For DPX ³ 160 with earth leakage module without side motor-driven handle For all DPX ³ 160 devices with side motor-driven handle For DPX ³ 250 without side motor-driven handle For DPX ³ 250 with earth leakage module without side motor-driven handle For all DPX ³ 250 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 For DPX-IS 250 Rail height spacer Designed for simultaneous mounting of modular devices and DPX ³ 160/250 and DPX-IS 250 devices mounted on rail Cat.Nos 0 206 01/51 or plate Cat.Nos 0 206 11/61 For 20 modules
1	4 210 71	
1	4 210 73	
1	4 210 68	
1	4 210 72	
1	4 210 74	
1	4 210 69	
1	0 262 39	
1	24 modules 36 modules 0 208 00 ¹ 0 209 50 ²	Metal faceplates For modular devices 1/4 turn With captive screws For Vistop up to 160A 1/4 turn With captive screws For DPX³ and DPX-IS 250 1/4 turn With captive screws
1	0 208 01 ¹ 0 209 01 ²	
1	0 208 10 ¹ 0 209 10 ²	

1: For fastening and sealing
2: Hinges Cat.No 0 209 59 available as an option

Equipment for XL³ 4000

for mounting on plate: DPX-IS 250, 630 and 1600

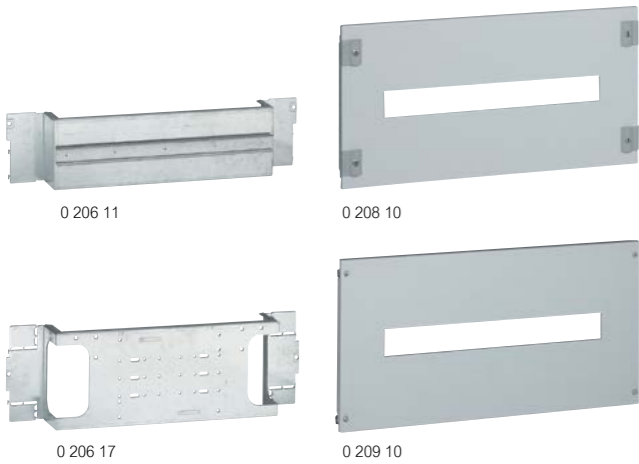


Pack	Cat.Nos	Plates for DPX-IS
1	24 modules 36 modules 0 206 05 0 206 55	Direct fixing on functional uprights Fixed plates for device in vertical position For 1 or 2 DPX-IS 250 front or rear terminals For 1 DPX-IS 630 front or rear terminals For 1 DPX-IS 1600 or 1 DPX 1600 front terminals For 1 DPX-IS 1600 or 1 DPX 1600 rear terminals Fixed plates for device in horizontal position For 1 DPX-IS 250 front or rear terminals For 1 DPX-IS 630 front or rear terminals
1	0 206 07 0 206 57	
1	0 211 00	
1	0 211 06 0 211 03	
1	0 206 18 0 206 19	
1	24 modules 36 modules 0 208 10 ¹ 0 209 60 ²	Metal faceplates For 1 DPX-IS 250 in vertical position 1/4 turn With captive screws ⁽²⁾ For 2 DPX-IS 250 in vertical position 1/4 turn With captive screws For 1 DPX-IS 250 in horizontal position With captive screws For 1 DPX-IS 630 in vertical position 1/4 turn With captive screws Does not allow the use of terminal shields Cat.No 0 262 45 For 1 DPX-IS 630 in horizontal position With captive screws For 1 DPX-IS 1600 in vertical position With captive screws For 1 DPX-IS 1600 in horizontal position With captive screws
1	0 208 06 ¹ 0 209 06 ²	
1	0 209 18 ²	
1	0 208 07 ¹ 0 209 07 ²	
1	0 209 57 ²	
1	0 209 19 ²	
1	24 modules 36 modules 0 211 13 ²	
1	0 208 36 ²	

1: For fastening and sealing
2: Hinges Cat.No 0 209 59 available as an option

Equipment for XL³ 4000

for mounting on fixed plate: DPX³ 160 and DPX³ 250



Plates for fixed version DPX³ 160/250 with front terminals

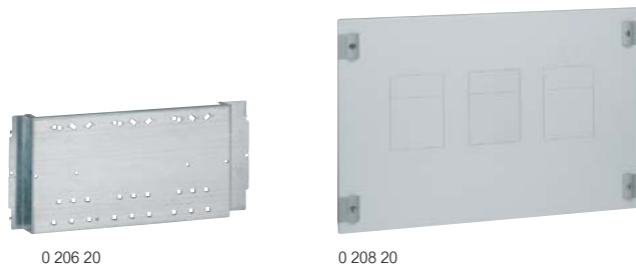
Pack	Cat.Nos	Description
1	24 modules 36 modules 0 206 11 0 206 61	Direct fixing on functional uprights Devices in vertical position Equipped with a rail for fixing DPX ³ . The DPX ³ must be equipped with a fixing plate Cat.Nos 4 210 68/69/71/72 or plate for manual supply inverter Cat.No 4 210 58. Designed for simultaneous mounting of DPX ³ 160/250 and modular equipment (with spacer Cat.No 0 262 99)
1	0 206 08	Plate for DPX ³ with direct rotary handle. The DPX ³ must be equipped with a fixing plate Cat.Nos 4 210 68/69
1	0 206 13	Plate for motor-driven supply inverter. The supply inverter must be equipped with a fixing plate Cat.Nos 4 210 58
1	24 modules 0 206 15	Devices in horizontal position For cut-out protection for cable passing, use seal Cat.No 0 202 40 (p. 208)
1	0 206 17	For 1 DPX ³ 160 For 1 DPX ³ 250

Pack	Cat.Nos	Description	Diagram
1	24 modules 36 modules 0 208 10 ¹ 0 209 10 ² 0 209 60 ²	Metal faceplates For DPX³ in vertical position without direct rotary handle 1/4 turn With captive screws	
1	0 209 27	With captive screws for DPX ³ 250 with terminal shields	
1	24 modules 0 208 05 ¹ 0 209 05 ²	For DPX³ in vertical position with direct rotary handle 1/4 turn With captive screws	
1	0 208 13 ¹ 0 209 13 ²	For DPX³ 160 1/4 turn With captive screws	
1	0 208 17 ¹ 0 209 17 ²	For DPX³ 250 1/4 turn With captive screws	

1: For fastening and sealing
2: Hinges Cat.No 0 209 59 available as an option

Equipment for XL³ 4000

for mounting on fixed plate: DPX³ 630 and DPX³ 1600



Plates for fixed version DPX³ 630/1600, with front terminals

Pack	Cat.Nos	Description
1	24 modules 36 modules 0 206 20 ¹ 0 206 70	Direct fixing on functional uprights Devices in vertical position For 1 to 3 DPX ³ 630 For 1 to 3 DPX ³ 630 with earth leakage module
1	0 206 22 ¹	For 1 DPX IS 1600 or 1 DPX ³ 1600 front terminal
1	0 211 00 0 211 02	Devices in horizontal position For cut-out protection for cable passing, use seal Cat.No 0 202 40 For 1 DPX ³ 630 with or without earth leakage module For 1 DPX IS 1600 or 1 DPX ³ 1600 front terminal
1	0 206 23	
1	0 211 00 0 211 02	

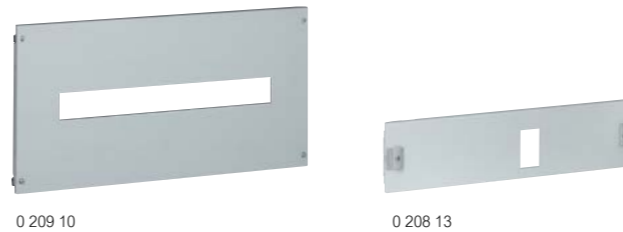
Pack	Cat.Nos	Description	Diagram
1	24 modules 36 modules 0 208 20 ² 0 209 20 ³ 0 209 70 ³	Metal faceplates for devices in vertical position For 1 to 3 DPX³ 630 only 1/4 turn With captive screws	
1	0 208 22 ² 0 209 22 ³ 0 209 72 ³	For 1 to 3 DPX³ 630 with downstream earthleakage module 1/4 turn With captive screws	
1	0 211 10 ² 0 211 11 ³ 0 211 12 ³	For 1 DPX³ 1600 1/4 turn With captive screws	

Pack	Cat.Nos	Description	Diagram
1	24 modules	Metal faceplates for devices in vertical position For 1 DPX³ 630 with or without earth leakage module without motor 1/4 turn With captive screws	
1	0 208 23 ² 0 209 21 ³		
1	0 209 23 ³	For 1 DPX³ 630 with or without earth leakage module with motor With captive screws	
1	24 modules 36 modules 0 208 34 ³ 0 209 34 ³ 0 209 84 ³	For 1 DPX³ 1600 1/4 turn With captive screws	

1: For 2 DPX 630 4P
2: For fastening and sealing
3: Hinges Cat.No 0 209 59 available as an option

Equipment for XL³ 4000

for mounting on adjustable plate: DPX³ 160, DPX³ 250 fixed version



Fixing fixed version DPX³ 160/250 with front or rear terminals

Pack	Cat.Nos	Description
1	24 modules 36 modules 0 207 90 0 207 61	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
1	0 206 63	For 2 DPX ³ supply inverter
1	0 207 49	Mounting plates for devices in vertical position For 1 DPX ³ 160
1	0 206 71	For 1 DPX ³ 160 in supply inverter
1	0 207 64	For 1 DPX ³ 250
1	0 206 73	For 1 DPX ³ 250 in supply inverter
1	24 modules 0 207 94	Adjustable plates for devices in horizontal position For 1 DPX ³ 160
1	0 207 96	For 1 DPX ³ 250

Pack	Cat.Nos	Description	Diagram
1	24 modules 36 modules 0 208 10 ¹ 0 209 10 ² 0 209 60 ²	Metal faceplates for devices in vertical position For DPX³ with or without motor driven handle 1/4 turn With captive screws	
1	0 208 05 ¹ 0 209 05 ² 0 209 65 ²	For 1 to 3 DPX³ with direct rotary handle 1/4 turn With captive screws	
1	24 modules 0 208 13 ² 0 209 13 ¹	Metal faceplates for devices in horizontal position Allow mounting front motor-driven handles For 1 DPX³ 160 1/4 turn With captive screws	
1	0 208 17 ² 0 209 17 ¹	For 1 DPX³ 250 1/4 turn With captive screws	

1: Hinges Cat.No 0 209 59 available as an option
2: For fastening and sealing

Equipment for XL³ 4000

for mounting on adjustable plate: plug-in DPX³ 160, DPX³ 250



Fixing plug-in version DPX³ 160/250 with front or rear terminals

Pack	Cat.Nos	Description
1	0 207 91	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	0 206 69	For 1 to 3 DPX ³ For 2 DPX ³ supply inverter
1	0 207 59	Mounting plates for devices in vertical position For 1 DPX ³ 160
1	0 206 81	For 1 DPX ³ 160 in supply inverter
1	0 207 69	For 1 DPX ³ 250
1	0 206 83	For 1 DPX ³ 250 in supply inverter
1	0 207 95	Adjustable plates for devices in horizontal position For 1 DPX ³ 160
1	0 207 97	For 1 DPX ³ 250

Pack	Cat.Nos	Description	Diagram
1	0 212 11	Metal faceplates for devices in vertical position For 1 to 3 DPX³ with or without front motor-driven handle With hinges and lock	
1	0 212 08	For 1 to 3 DPX³ with direct rotary handle With hinges and lock	
1	0 212 13	Metal faceplate for devices in horizontal position Allow mounting front motor-driven handles For 1 DPX³ With hinges and lock	

Equipment for XL³ 4000

for mounting on adjustable plates: DPX³ 630 fixed version



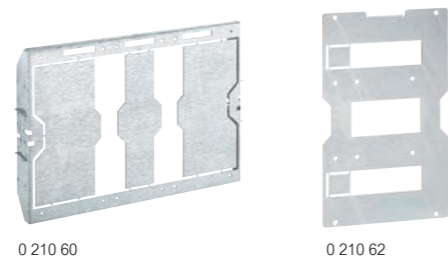
Adjustable plates are used for front terminal/rear terminal connection and mounting of motor-driven or rotary handles

Pack	Cat.Nos	Fixing fixed version DPX ³ 630, with front or rear terminals
1	24 modules 36 modules 0 207 20 0 207 70 0 207 22 0 207 72	Adjustable fixing devices for MCCBs in vertical position The MCCBs are fixed using special plates For 1 to 3 DPX ³ 630 For 1 to 3 DPX ³ 630 with earth leakage module
1	24 modules 0 207 85 0 207 86	Mounting plates for devices in vertical position DPX ³ 630 DPX ³ 630 with earth leakage module
1	24 modules 0 207 93	Adjustable plates for devices in horizontal position For 1 DPX ³ 630 with or without elcbs
1	24 modules 36 modules 0 208 20 ¹ 0 209 70 ² 0 209 20 ² 0 209 72 ²	Metal faceplates for devices in vertical position For 1 to 3 DPX³ 630 only 1/4 turn With captive screws
1	0 208 22 ¹ 0 209 72 ²	For 1 to 3 DPX³ 630 with downstream elcbs 1/4 turn With captive screws
1	24 modules 0 208 23 ¹ 0 209 21 ²	Metal faceplates for devices in horizontal position For 1 DPX³ 630 with or without elcbs 1/4 turn With captive screws
1	0 209 23 ²	For 1 DPX³ 630 with or without elcbs with motor-driven or rotary handle With captive screws

1: For fastening and sealing
2: Hinges Cat.No 0 209 59 available as an option

Equipment for XL³ 4000

for mounting on adjustable plates: DPX³ 630 plug-in, draw-out version or supply invertors



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 DPX ³ 630, with front or rear terminals
1	0 210 60 0 210 61	Adjustable fixing devices for MCCBs in vertical position The MCCBs are fixed using special plates For 1 to 2 DPX ³ 630 For 1 to 2 DPX ³ 630 with elcbs
1	0 210 62 0 210 63 0 207 98	Mounting plates for devices in vertical position For device only For device with elcbs For plug-in or draw-out device with or without elcbs
1	0 210 64 0 210 65	Metal faceplates for plug-in devices Faceplates with hinges and lock Devices in vertical position For 1 to 2 DPX ³ 630 For 1 to 2 DPX ³ 630 with elcb
1	0 212 17	Devices in horizontal position For device with or without elcbs
1	0 212 21 0 212 23	Metal faceplates for draw-out devices Faceplates with hinges and lock Devices in vertical position with or without rotary handle For 1 DPX ³ 630 without elcb For 1 DPX ³ 630 with elcb
1	0 212 04	Devices in vertical position with motor-driven handle For 1 device without elcb
1	0 212 18	Devices in horizontal position 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
1	0 210 66	Fixing supply invertors DPX³ Devices in vertical position For 2 fixed or draw-out devices
1	0 210 67	Metal faceplates for supply invertors For fixed version DPX³ With captive screws For 2 devices with or without motor-driven handle
1	0 210 68 0 210 69	For draw-out DPX³ With hinges and lock For 2 devices For 2 devices with motor-driven handle

1: Hinges Cat.No 0 209 59 available as an option

Equipment for XL³ 4000

for mounting on adjustable plates: DPX³ 1600 fixed version



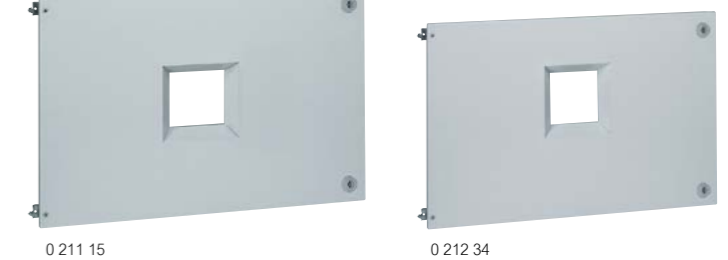
Adjustable plates are used for front terminal/rear terminal connection and mounting of motor-driven or rotary handles

Pack	Cat.Nos	Fixing fixed version devices
1	24 modules 36 modules 0 211 04 0 211 03 0 211 06 0 211 03	Adjustable plates for devices in vertical position For 1 DPX ³ 1600 with front terminals For 1 DPX-IS 1600 or 1 DPX ³ 1600 with rear terminals
1	24 modules 36 modules 0 211 00 ³ 0 211 02	Fixed plate for devices in horizontal or vertical position For 1 DPX ³ 1600 or DPX-IS 1600 front terminals
1	0 207 36	Adjustable plate for devices in horizontal position For 1 DPX-IS 1600 or DPX ³ 1600 rear terminals in vertical position
1	24 modules 36 modules 0 211 10 ¹ 0 211 12 ² 0 211 11 ² 0 211 12 ²	Metal faceplates for devices in vertical position For 1 DPX³ 1600 only 1/4 turn With captive screws
1	24 modules 0 211 14 ²	For 1 DPX³ 1600 with rotary or motor-driven handle With captive screws
1	24 modules 36 modules 0 208 34 ¹ 0 209 84 ² 0 209 34 ² 0 209 84 ²	Metal faceplates for devices in horizontal position For 1 DPX³ 1600 only 1/4 turn With captive screws
1	24 modules 0 209 35 ²	For 1 DPX³ 1600 rear terminals with motor-driven or rotary handle and front terminals with rotary handle With captive screws
1	0 209 36 ²	For 1 DPX³ 1600 front terminals with motor-driven handle With captive screws

1: For fastening and sealing
2: Hinges Cat.No 0 209 59 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 supply invertors



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 DPX ³ 1600, with front or rear terminals
1	24 modules 0 211 05	Adjustable plates for devices in vertical position For 1 DPX ³ 1600
1	0 207 35	Adjustable plates for devices in horizontal position For 1 DPX ³ 1600 with rear terminals
1	0 211 15	Metal faceplates for draw-out version Faceplates with hinges and lock Devices in vertical position For 1 DPX ³ 1600
1	0 211 16	For 1 DPX ³ 1600 with motor-driven or rotary handle
1	0 212 34	Devices in horizontal position For 1 DPX ³ 1600
1	0 212 35	For 1 DPX ³ 1600 with motor-driven or rotary handle
1	24 modules 0 206 86 0 206 87	Fixing supply inverter version DPX³ 1600 Devices in horizontal position For 2 fixed DPX ³ 1600 For 2 draw-out DPX ³ 1600
1	24 modules 0 209 86 ¹ 0 209 87 ¹	Metal faceplates for supply invertors For fixed version DPX³ 1600 With captive screws For 2 DPX ³ 1600 For 2 DPX ³ 1600 with motor-driven handle
1	0 212 36 0 212 37	For draw-out version DPX³ 1600 With hinges and lock For 2 DPX ³ 1600 For 2 DPX ³ 1600 with motor-driven handle

1: Hinges Cat.No 0 209 59 available as an option

Equipment for XL³ 4000

for mounting on plate: DMX³ 1600 and DMX³-I fixed or draw-out version

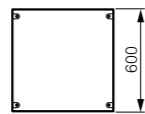
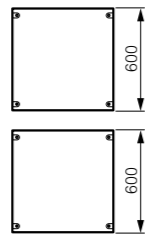


0 207 80



0 209 38

Pack	Cat.Nos	Fixing devices for DMX ³ 1600 and DMX ³ -I
1	0 207 80	Fixing plates for XL³ 4000 - 24 modules For 1 DMX ³ 1600 or DMX ³ -I
1	0 207 81	Fixing plates for XL³ 4000 - 36 modules For 1 or 2 DMX ³ 1600 or DMX ³ -I
1	0 207 79	Fixing plates for cable sleeve For 1 DMX ³ 1600 or DMX ³ -I
1	0 210 84	Metal faceplates for DMX³ 1600 and DMX³-I fixed and draw-out versions Width 600mm For 1 DMX ³ 1600 or DMX ³ -I fixed version
1	0 210 85	For 1 DMX ³ 1600 or DMX ³ -I draw-out version
1	0 210 86	Width 850mm For 1 DMX ³ 1600 or DMX ³ -I fixed version
1	0 210 87	For 1 DMX ³ 1600 or DMX ³ -I draw-out version
1	0 210 88	For 2 DMX ³ 1600 or DMX ³ -I fixed version side by side
1	0 210 89	For 2 DMX ³ 1600 or DMX ³ -I draw-out version side by side
1	0 210 80	Faceplates for cable sleeve For 1 DMX ³ 1600 or DMX ³ -I fixed version
1	0 210 81	For 1 DMX ³ 1600 or DMX ³ -I draw-out version
1	0 210 82	Metal solid faceplates for cable sleeve Height (mm) 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

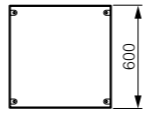
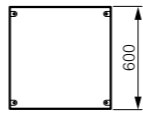
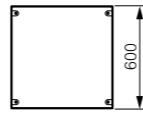


0 207 51



0 209 38

Pack	Cat.Nos	Fixing devices for DMX ³ 2500 / 4000 and DMX ³ -I
1	0 207 51	For DMX³ fixed version For 1 DMX ³ 2500/4000, N/H/L, 3P/4P, and DMX ³ -I Width 600mm
1	0 207 52	For 1 DMX ³ 2500/4000, N/H/L, 3P/4P, and DMX ³ -I Width 850mm
1	0 207 53	For DMX³ draw-out version For 1 DMX ³ 2500/4000, N/H/L, 3P/4P, and DMX ³ -I Width 600mm
1	0 207 54	For 1 DMX ³ 2500/4000, N/H/L, 3P/4P, and DMX ³ -I Width 850mm
1	0 209 38	Metal faceplates for DMX³ 2500 / 4000 and DMX³-I fixed or draw-out version Faceplates with hinges and lock Width 600mm For 1 DMX ³ 2500/4000, N/H/L, 3P, or 1 DMX ³ 2500, N/H, 4P or 1 DMX ³ -I 2500
1	0 209 39	For 1 DMX ³ -L 2500, 4P, or 1 DMX ³ 4000, N/H/L, 4P or 1 DMX ³ -I 4000
1	0 209 48	Width 850mm For 1 DMX ³ 2500/4000, N/H/L, 3P/4P or 1 DMX ³ -I 2500/4000



Solid faceplates and accessories for XL³ 4000



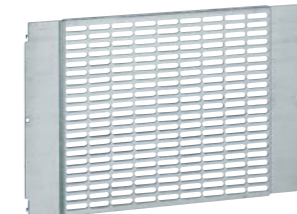
0 208 44



0 209 59



0 200 51



0 206 42



0 206 02

Pack	Cat.Nos	Metal solid faceplates
1	0 208 40	1/4 turn For fastening and sealing Height (mm) 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
1	0 209 40	With captive screws Hinges Cat.No 0 209 59 available as an option Height (mm) 50
1	0 209 41	100
1	0 209 42	150
1	0 209 43	200
1	0 209 44	300
1	0 209 45	400
1	0 209 46	600
1	0 212 45	With hinges and lock 100
1	0 212 47	200
1	0 212 48	300
1	0 209 49	Accessories for natural ventilation Assist natural ventilation Screw mounting
1	0 209 49	Perforated faceplates Height 200mm
1	0 209 99	Perforated panels For plinth 725mm width For plinth 975mm width
1	0 205 44	Distance piece Distance piece for roof heightening
1	0 205 45	
1	0 205 46	
1	0 209 59	Accessories for faceplates Hinges Set of 2 Fit on screw mounting faceplates
20	0 200 51	Blanking plates For metal or insulated faceplates 24 modules, smooth adjustable strip
10	0 016 65	18 modules, can be separated into modules or 1/2 modules
10	0 203 99	Clip-on holder for adhesive labels Supplied with sheet of labels for marking rows on faceplate 24 modules
1	0 206 41	Universal plates Fit onto the functional uprights
1	0 206 42	Perforated plates width 600mm Height 200mm Height 400mm
1	0 206 43	Solid plates width 600mm Height 200mm
1	0 206 44	Height 400mm
1	0 206 45	Height 600mm
1	0 206 46	Solid plates width 850mm Height 400mm

Pack	Cat.Nos	Universal plates (continued)
1	0 206 40	Adjustable solid plates Height 100mm, width 600mm
1	0 206 47	Height 200mm, width 600mm
1	0 206 48	Height 400mm, width 600mm
1	0 206 49	Height 200mm, width 850mm
1	0 206 90	Height 100mm, width 850mm
1	0 205 40	Solid mounting plate Supplied with depth adjustment runner Height 1800mm, width 600mm
1	0 206 04	Universal rails Fit onto the functional uprights Width 600mm (24 modules)
1	0 206 54	Width 850mm (36 modules)
1	0 206 02	Adjustable universal fixing devices Comprising a rail and 2 adjustable fixing brackets Fit onto the functional uprights For 24 module cabinets and enclosures
1	0 206 52	For 36 module cabinets and enclosures
1	0 209 89	Lighting for panel Lighting kit Kit for metal XL ³ 800/4000, comprising fluorescent lamp, fixings and metal screw-mounting faceplate
1	0 204 70	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	0 205 70	Set of 2, for 36 module enclosures
1	0 205 70	Set of 2, for 24 module enclosures
48	0 362 07	Lina 25 ducting Length: 2 m Width x Height (mm) 40 x 60
40	0 362 08	40 x 80
32	0 362 12	60 x 60
32	0 362 13	60 x 80
100	0 200 80	Isolating rivet For fixing Lina 25 ducting on functional uprights
20	0 200 92	Accessories Clip nuts and screws 1/4 fastening on front panel Clip nuts for M6 screws M6 screws
50	0 200 91	
6	0 200 98	Aerosol paint spray RAL 7035 - 400ml
1	0 205 21	Cable fixing supports Set of 2 crosspieces length 350mm
1	0 205 22	Set of 2 crosspieces length 600mm
1	0 205 23	Set of 2 crosspieces length 850mm
1	0 205 29	Roof reinforcement bracket Set of 2 brackets for XL ³ 4000 - CEP Zucchini connection

XL³ 6300
Distribution enclosures



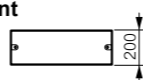
Assembly consisting of:
 - Roof-base Cat.No 0 211 35
 - Structural uprights Cat.No 0 211 36
 - Functional uprights Cat.No 0 211 37
 - Rear panel Cat.No 0 211 41
 - Support frame for faceplates Cat.No 0 208 55
 - Lifting rings Cat.No 0 205 82



IP30 - IK07
 Consist of the combination of a "roof-base" assembly, structural uprights, rear and side panels RAL 7035, plinths RAL 7004
 Height 2200mm, usable faceplate height 2000mm

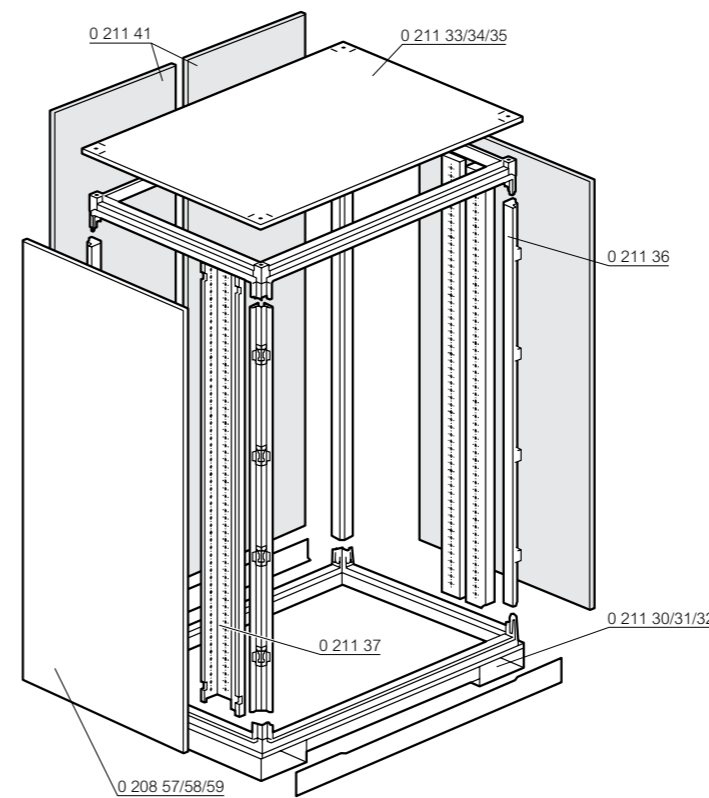
Pack	Cat.Nos	Enclosures modular metal																							
1	0 211 36	Structural uprights Fit onto the "roof-base" assembly Take the side and rear panels Set of 4 uprights																							
		"Roof-base" for enclosure Fitted with cable entry plates Take the structural uprights																							
		<table border="1"> <thead> <tr> <th></th> <th>Depth (mm)</th> <th colspan="2">Width (mm)</th> </tr> <tr> <th></th> <th></th> <th>external</th> <th>usable</th> </tr> </thead> <tbody> <tr> <td>1</td> <td>0 211 33</td> <td>475</td> <td>1425</td> <td>1300</td> </tr> <tr> <td>1</td> <td>0 211 34</td> <td>725</td> <td>1425</td> <td>1300</td> </tr> <tr> <td>1</td> <td>0 211 35</td> <td>975</td> <td>1425</td> <td>1300</td> </tr> </tbody> </table>		Depth (mm)	Width (mm)				external	usable	1	0 211 33	475	1425	1300	1	0 211 34	725	1425	1300	1	0 211 35	975	1425	1300
	Depth (mm)	Width (mm)																							
		external	usable																						
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 Width 475mm Width 725mm Width 975mm																							
		Rear panel Fixed with screws Width 1300mm (supplied in two parts)																							
		Finishing panels IP30 1300 x 2000mm																							
		Plinths that can be placed side by side																							
		<table border="1"> <thead> <tr> <th></th> <th>Height (mm)</th> <th>Depth (mm)</th> <th>Width (mm)</th> </tr> </thead> <tbody> <tr> <td>1</td> <td>0 211 30</td> <td>100</td> <td>475</td> <td>1425</td> </tr> <tr> <td>1</td> <td>0 211 31</td> <td>100</td> <td>725</td> <td>1425</td> </tr> <tr> <td>1</td> <td>0 211 32</td> <td>100</td> <td>975</td> <td>1425</td> </tr> </tbody> </table>		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				
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1	0 211 30	100	475	1425																					
1	0 211 31	100	725	1425																					
1	0 211 32	100	975	1425																					
		Equipment																							
		Functional uprights For fixing mounting equipment (faceplate, rails) Set of 2 functional uprights																							
		Support frame for faceplates Fixed for enclosure width 725mm or enclosure width 975mm																							
		Isolating supports for busbars 6300 A Supports for 3 bars 200 x 10mm (per phase) Fixed support Additional support Mounted in addition to fixed support Cat.No 0 373 12 to comply with the distances (depending on the Isc)																							

Pack	Cat.Nos	Mounting equipment
1	0 205 86	Joining 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 82	Lifting rings Set of 4 Max. load: 480kg per ring
		Fixing modular devices on rail
		Rail Comprising: an aluminium profile rail and two 2-position fixing brackets Fit onto functional uprights For fixing on XL ³ 6300 functional uprights 36 modules
1	0 211 42	Metal faceplate for rail equipment Height 200mm
		Fixing devices for DMX³ 6300
1	0 211 38	Fixing plates For 1 DMX ³ 6300 3P/4P fixed version
1	0 211 40	For 1 DMX ³ 6300 3P/4P draw-out version
1	0 211 39	Metal faceplate For 1 DMX ³ 6300 3P/4P fixed or draw-out version
		Metal solid faceplates
1	0 211 44	Height 200mm, width 1300mm
1	0 211 45	Height 400mm, width 1300mm
		Forms of separation equipment
1	0 211 46	DMX ³ 6300 compartment kit (form 4b)
1	0 211 47	Partitioning for 6300A busbars
1	0 211 49	Kit for horizontal separation (up and down)



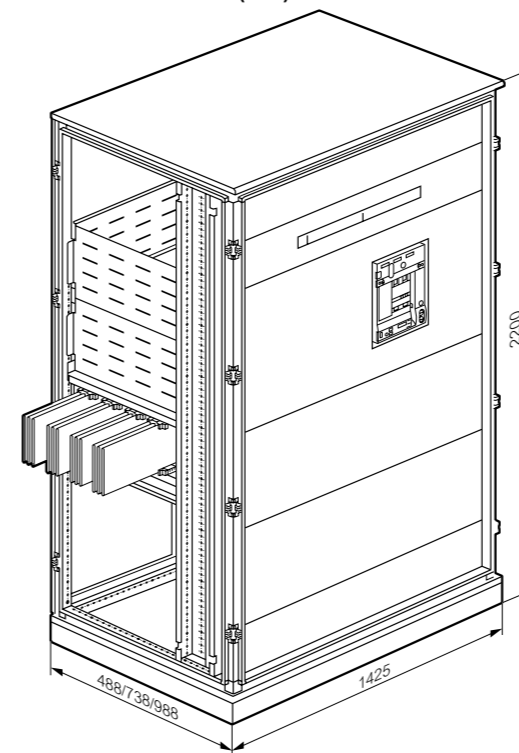
XL³ 6300
Distribution enclosures

Installation principle

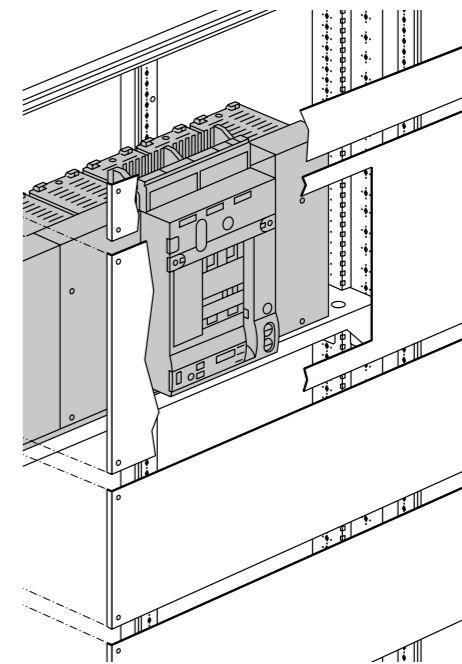


Dimensions

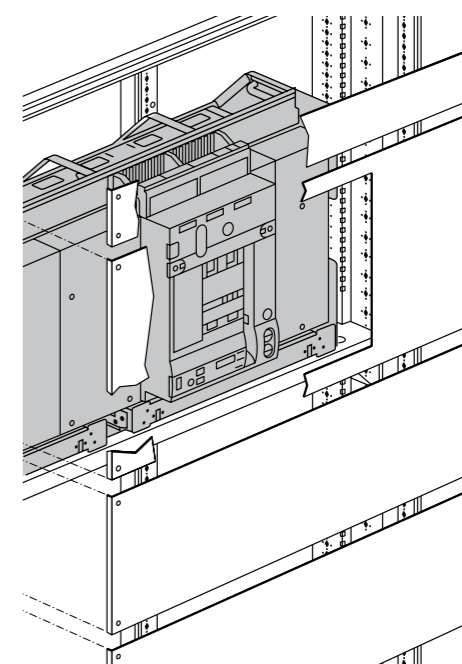
External dimensions (mm)



Mounting DMX³ 6300 fixed version with Cat.No 0 211 38



Mounting DMX³ 6300 draw-out version with Cat.No 0 211 40

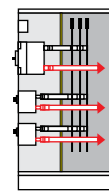


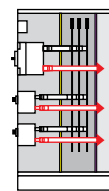
Forms of separation equipment for XL³ 1600, 4000 and 6300

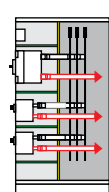
Designation	Complementary information	Forms of separation and type of connection (terminals)								Forms of separation and type of connection (terminals)											
		2a		2b				3a		3b				4a				4b			
		rear terminals	front terminals	725mm	975mm	725mm	975mm	725mm	975mm	rear terminals	front terminals	725mm	975mm	725mm	975mm	725mm	975mm	725mm	975mm		
Top or bottom horizontal separation kit	width 24 modules	0 208 91											0 208 91					0 208 91			
	width 36 modules	0 208 99											0 208 99					0 208 99			
Front panel partitioning DMX ³	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		
	width 36 modules							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 1600A max.	for enclosure			0 205 36									0 205 36					0 205 36			
U-shaped separation kit for horizontal busbars 1600A max.	for enclosure				0 205 37								0 205 37					0 205 37			
L-shaped separation kit for horizontal busbars 4000A max.	for enclosure				0 205 38								0 205 38					0 205 38			
U-shaped separation kit for horizontal busbars 4000A max.	for enclosure					0 205 39								0 205 39					0 205 39		
U-shaped separation kit for horizontal busbars 6300A max.	for XL ³ 6300 enclosures				0 211 47								0 211 47					0 211 47			
U-shaped separation kit for horizontal busbars 1600A 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 4000A 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 1600A 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 4000A 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 DPX ³ 1600					0 205 96								0 205 96					0 205 96			
Side partition with and caps for functional units separation	height 200mm												0 205 97					0 205 97			
	height 300mm												0 205 98					0 205 98			
	height 400mm												0 205 99					0 205 99			
Vertical partitioning for rear busbars	for enclosure					0 208 48	0 208 49							0 208 48	0 208 49						
Partitioning for rear busbars	height 200mm							0 208 77							0 208 77						
	height 300mm							0 208 78							0 208 78						
	height 400mm							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		
DPX ³ compartment kit	height 200mm																			0 208 87	
	height 300mm																			0 208 88	
	height 400mm																			0 208 89	
Partitioning for cell without horizontal busbars	to close last DPX compartment																			0 208 95	
Bottom busbar area closure																				0 208 96	
Rear partitioning divider for space compartment																				0 208 97	
DMX ³ 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
DMX ³ 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
DMX ³ 2500/4000, compartment kit	for XL ³ 6300 enclosures				0 211 46			0 211 46					0 211 46					0 211 46			0 211 46
DMX ³ 6300, kit for horizontal separation	for XL ³ 6300 enclosures				0 211 49			0 211 49					0 211 49					0 211 49			0 211 49

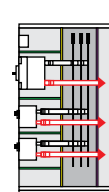
Forms 2a to 4b for XL³ 4000 and 6300

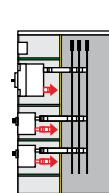
Definitions (standard EN 60439-1)

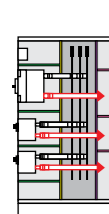
- 

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
- 

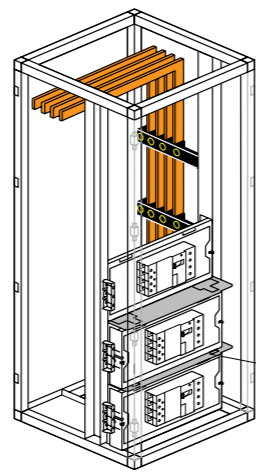
Form 3b
Separation of the busbars from the functional units and separation of all the functional units from one another
Separation of the terminals for external conductors from the functional units but not from each other
The terminals for external conductors do not need to be separated from the busbars
- 

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

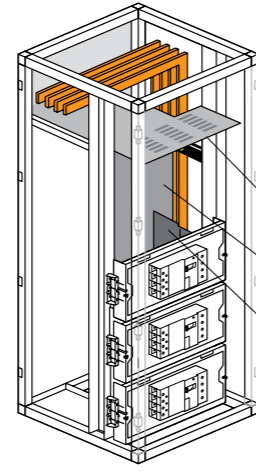
Form 2a



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

Form 2b



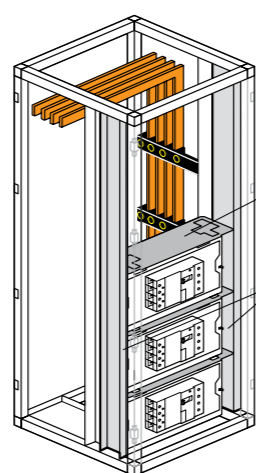
Separation of the busbars from the functional units
The terminals for external conductors are separated from the busbars
The vertical busbar is placed behind the functional uprights
The devices must be horizontal and with rear terminal connection

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

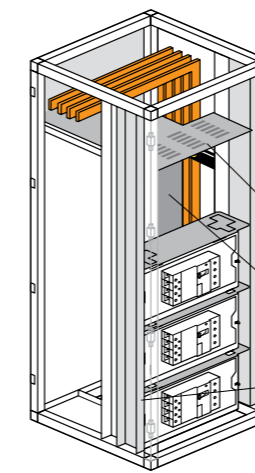


Form 3a is obtained from form 2a by adding horizontal dividers
Cat.No 0 208 92 or Cat.No 0 205 92 and front panel total dividers
Cat.No 0 208 90

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:

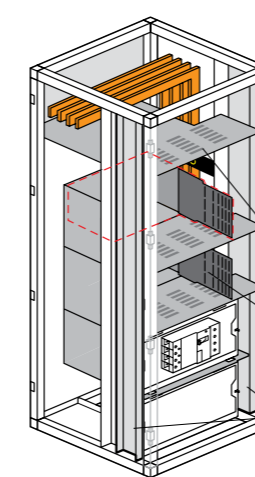
- Horizontal dividers between the functional units
- Side partitions either side of the functional units

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

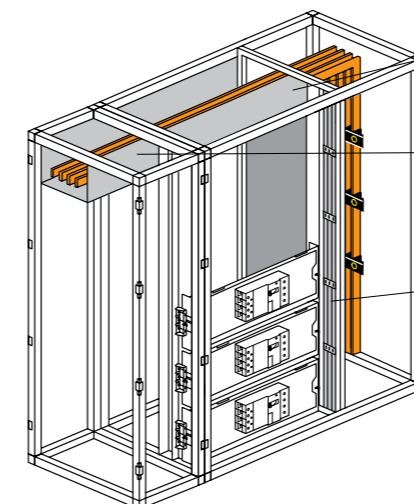
DPX compartment kit
Cat.No 0 208 87/88/89

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 300mm) 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

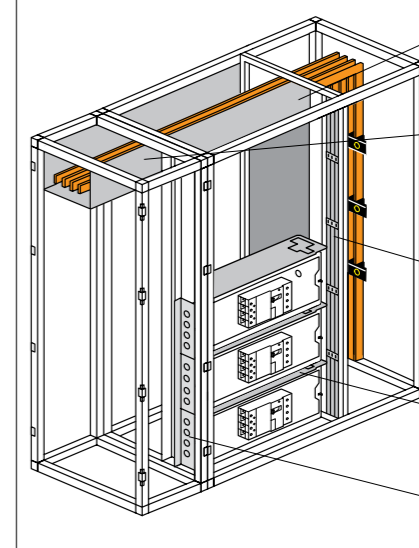
Vertical separation kit between enclosure or internal/external cable sleeves
Cat.Nos 0 205 33/34/35

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



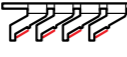
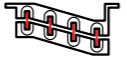


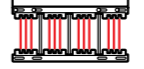
Vertical separation kit between enclosure or internal/external cable sleeves
Cat.Nos 0 205 33/34/35

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

Copper bars and accessories

			≤ 400 A		≤ 800 A		≤ 1000 A		≤ 1600 A				≤ 4000 A				≤ 6300 A					
Flat busbars supports																						
			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 Bar mounting: edgewise Bar mounting: flat				Cat.Nos 0 373 24/25 Bar mounting: edgewise Bar mounting: flat				Cat.Nos 0 373 12/13 Bar mounting: edgewise Bar mounting: flat							
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 bar 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 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	-	-	-	-	-	-	-	-	-	-	-	-	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	-	-	-	-	-	-	-	-	-	-	-	-	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	-	-	-	-	-	-	-	-	-	-	-	-	2050	1800	1200	1050	-	-	-	
		3	-	-	-	-	-	-	-	-	-	-	-	-	2900	2450	1600	1400	-	-	-	
		4	-	-	-	-	-	-	-	-	-	-	-	-	3500	2900	1900	1650	-	-	-	
125 x 5	80 x 10	1	-	-	-	-	-	-	-	-	-	-	-	-	1450	1270	1000	800	-	-	-	
		2	-	-	-	-	-	-	-	-	-	-	-	-	2500	2150	1450	1250	-	-	-	
		3	-	-	-	-	-	-	-	-	-	-	-	-	3450	2900	1800	1600	-	-	-	
		4	-	-	-	-	-	-	-	-	-	-	-	-	4150	3450	2150	1950	-	-	-	
100 x 10	120 x 10	1	-	-	-	-	-	-	-	-	-	-	-	-	1750	1500	1350	1150	-	-	-	
		2	-	-	-	-	-	-	-	-	-	-	-	-	3050	2550	2000	1650	-	-	-	
		3	-	-	-	-	-	-	-	-	-	-	-	-	4150	3500	2900	2400	-	-	-	
200 x 10		1	-	-	-	-	-	-	-	-	-	-	-	-	2000	1750	1650	1450	-	-	-	
		2	-	-	-	-	-	-	-	-	-	-	-	-	3600	2950	2500	2000	-	-	-	
		3	-	-	-	-	-	-	-	-	-	-	-	-	4800	4000	3500	3000	-	-	-	
		1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	3300	3000	2750	2400
		2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	5200	4800	3600	3250
		3	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	7000	6400	5400	4800

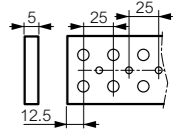
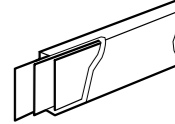


0 374 19 + 0 373 11



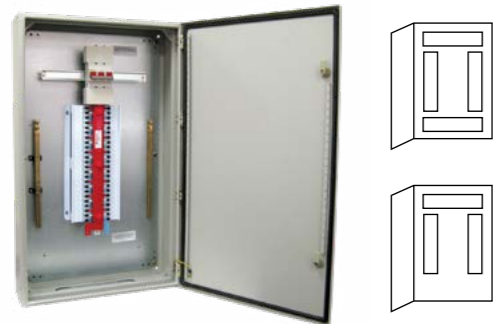
0 374 40

"Standard" distribution

Pack	Cat.Nos	Copper bars					
Rigid, flat, threaded holes							
		Cross section (mm)	I permissible (A)		Holes ø (mm)	Length (mm)	
			IP ≤ 30	IP > 30			
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			

Accessories		
10	0 373 11	Isolating profile Isolating profile for flat copper bars 18 x 4, 25 x 4, 25 x 5 and 32 x 5mm, length 1m Supplied with fixing clips
50	0 367 74	Insulating screws M6 x 10
50	0 367 75	HF screws with contact washe M6 x 10

Distribution Boards DBX³
IP42 & IP42



IP55

Technical Data

24 to 84 pole
Fitted with 250A chassis 25kA/0.1s
Ample space for wiring
Earth and neutral bars fitted
Slotted duct for better cable management
Equipped with lock
Reversible door
Top and bottom removable gland plates
Circuit identification and schedule cards provided
Extension box can be added as an option
Available with 250A main switch

Pack	Cat. No.		No. of poles	Dimensions All DBs are 225mm deep
	GREY	ORANGE		
1	DB24P250M0800H	DB24P250M0800HO	24 pole	800(H)x590(W)
1	DB36P250M0800H	DB36P250M0800HO	36 pole	800(H)x590(W)
1	DB48P250M01000H	DB48P250M01000HO	48 pole	1000(H)x590(W)
1	DB60P250M01000H	DB60P250M01000HO	60 pole	1000(H)x590(W)
1	DB72P250M01200H	DB72P250M01200HO	72 pole	1200(H)x590(W)
1	DB84P250M01400H	DB84P250M01400HO	84 pole	1400(H)x590(W)

Pack	Cat. No.	IP42 Split Chassis DBs
1	DB12/24P10002D	12/24P SPLIT CHASSIS DB
1	DB12/36P12002D	12/36P SPLIT CHASSIS DB
1	DB24/24P12002D	24/24P SPLIT CHASSIS DB
1	DB12/48P12002D	12/48P SPLIT CHASSIS DB
1	DB24/36P12002D	24/36P SPLIT CHASSIS DB
1	DB12/60P14002D	12/60P SPLIT CHASSIS DB
1	DB24/48P14002D	24/48P SPLIT CHASSIS DB
1	DB36/36P14002D	36/36P SPLIT CHASSIS DB
1	DB12/12P08002D	12/12P SPLIT CHASSIS DB
1	DB12/72P14002D	12/72P SPLIT CHASSIS DB
1	DB24/60P14002D	24/60P SPLIT CHASSIS DB
1	DB36/48P14002D	36/48P SPLIT CHASSIS DB

Pack	Cat. No.		No. of poles	Dimensions All DBs are 225mm deep 400(H)x590(W)x225(D)mm
	GREY	ORANGE		
1	DBEQUIP-2D400H	DBEQUIP-2D400HO		

Pack	Cat. No.		No. of poles	Dimensions All DBs are 200mm deep
	GREY	ORANGE		
1	HPM0800L2425F	HPM0800L2425FO	24 pole	800(H)x590(W)
1	HPM0800L3625F	HPM0800L3625FO	36 pole	1000(H)x590(W)
1	HPM1000L4825F	HPM1000L4825FO	48 pole	1200(H)x590(W)
1	HPM10006025F	HPM10006025FO	60 pole	1200(H)x590(W)
1	HPM200L7225F	HPM200L7225FO	72 pole	1400(H)x590(W)
1	HPM1200L8425F	HPM1200L8425FO	84 pole	1400(H)x590(W)

Note: Grey colour DBXIP Distribution Boards have fixed escutcheon.
Orange colour DBXIP Distribution Boards have hinged escutcheon

Distribution Boards, Chassis & Accessories



602210

Pack	Cat. No.	Chassis – 3 Pole – 250A
		(red, white, blue) 250A Chassis for 17.5mm module MCB's – 25 kA/ 0.1s
1	6 022 08	12 Pole
1	6 022 09	18 Pole
1	6 022 10	24 Pole
1	6 022 11	36 Pole
1	6 022 12	48 Pole
1	6 022 13	60 Pole
1	6 022 14	72 Pole
1	6 022 15	84 Pole

Pack	Cat. No.	Chassis – 3 Pole – 400A
		400A Chassis for 17.5mm module MCB's – 30 kA/ 0.1s
1	6 022 18	12 Pole
1	6 022 19	18 Pole
1	6 022 20	24 Pole
1	6 022 21	36 Pole
1	6 022 22	48 Pole
1	6 022 23	60 Pole
1	6 022 24	72 Pole
1	6 022 25	84 Pole

Pack	Cat. No.	Main Switch
1	2 046 39	3 Pole 250A

Pack	Cat. No.	Emergency Lighting Test Switch
1	6 820 84	Modular E/L test switch (contactor not included)
1	041 29	Modular contactor 2pn/c 25A
1	041 32	Modular contactor 4pn/c 25A

Note: For 400A Distribution Boards, please consult us.

Atlantic, Atlantic food industry and Marina: cabinets and equipment selection chart

EXTERNAL DIMENSIONS 				ATLANTIC CABI	ATLANTIC FOOD INDUSTRY CABINETS	MARINA CABINETS		EQUIPMENT													ADDITIONAL PRODUCTS			
				METAL IP66 - IK10 (1 door) IP55 - IK10 (2 doors) supplied with plain plate	STAINLESS STEEL 304L - IP66 IP69 IK10	POLYESTER - IP66 - IK10		Plain plates	Lina 12.5 plates	Perforated plates Lina 25	Sectionned uprights Lina 25	Crosspieces rails	Insulated modular chassis	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 ⁽⁵⁾	Accessories for Atlantic food industry cabinets					
Shapes	H (mm)	W (mm)	D (mm)	RAL 7035		RAL 7035	RAL 7035 with glass door															Hinged glass doors		
	300	200	160	0 369 10 ⁽¹⁾		0 362 50																		
	400	300	160	0 369 12 ⁽¹⁾																				
	500	400	160	0 369 13 ⁽¹⁾																				
	400	300	200	0 369 17		0 352 34	0 362 51	0 362 71	0 360 52	0 360 04	0 360 12	0 361 51	0 367 80		0 363 15 ^(A)	0 363 59 ^{(A)(M)}							0 364 94	
	500	400	200	0 369 18			0 362 52	0 362 72	0 360 55	0 360 09	0 360 15	0 361 52	0 367 81	0 361 01 ⁽⁶⁾	0 363 16 ^(A)	0 363 60 ^{(A)(M)}	0 365 52 ^(A)						0 364 95	
	600	400	200	0 369 19					0 360 56	0 360 22	0 360 16	0 361 53	0 367 81		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		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		0 363 16 ^(A)	0 363 60 ^{(A)(M)}	0 365 53 ^{(A)(6)}						0 364 95	
	600	400	250	0 369 26		0 352 36	0 362 55	0 362 75	0 360 56	0 360 22	0 360 16	0 361 53	0 367 81	0 361 03 ⁽⁶⁾	0 363 17 ^(A)	0 363 61 ^{(A)(M)(6)}	0 365 53 ^{(A)(6)}						0 364 95	
	700	500	250	0 369 30			0 362 56	0 362 76	0 360 58	0 360 31	0 360 18	0 361 54	0 367 82	0 361 05	0 363 18 ^(A)	0 363 62 ^{(A)(M)}	0 365 64 ^(A)						0 364 96	
	800	600	250	0 369 31					0 360 59	0 360 33	0 360 19	0 361 55	0 367 83		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		0 352 38	0 362 61	0 362 81	0 360 59	0 360 33	0 360 19	0 361 55	0 367 83	0 361 06 ⁽⁶⁾	0 363 19 ^(A)	0 363 63 ^{(A)(M)(6)}	0 362 94 ^(M) 0 365 56 ^{(A)(6)}	0 362 91 ^(M) 0 363 00 ⁽⁶⁾					0 364 97	
	1000	600	300	0 369 38					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 ⁽⁶⁾					0 364 97	
	1000	800	300	0 369 39		0 352 39	0 362 63	0 362 83	0 360 61	0 360 42	0 360 21	0 361 56	0 367 84	0 361 09 ⁽⁶⁾	0 363 21 ^(A)	0 363 64 ^{(A)(M)(6)}	0 362 95 ^(M) 0 365 57 ^{(A)(6)}	0 362 92 ^(M) 0 363 01 ⁽⁶⁾					0 364 97	
	1200	600	300	0 369 42					0 360 85			0 361 58	0 367 83		0 363 22 ^(A)									0 364 97
	1200	800	300	0 369 43			0 362 64	0 362 84	0 360 64	0 360 46	0 360 87	0 361 58	0 367 84	0 361 10	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		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					0 360 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					0 360 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												
	400	400	200	0 369 57				0 360 70	0 360 05	0 360 92	0 361 51	0 367 81												
	500	500	200	0 369 59				0 360 71	0 360 14	0 360 93	0 361 52	0 367 82												
	500	500	250	0 369 62				0 360 71	0 360 14	0 360 93	0 361 52	0 367 82												
	600	600	250	0 369 64				0 360 57	0 360 24	0 360 17	0 361 53	0 367 83												
	800	800	300	0 369 68				0 360 60	0 360 34	0 360 20	0 361 55	0 367 84												
	600	600	400	0 369 72				0 360 57	0 360 24	0 360 17	0 361 53	0 367 83												
	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												
	400	600	200	0 369 76				0 360 56	0 360 22	0 360 13	0 361 51	0 367 83												
	400	600	250	0 369 77				0 360 56	0 360 22	0 360 13	0 361 51	0 367 83												
	600	800	300	0 369 78 ⁽²⁾				0 360 59	0 360 33	0 360 06	0 361 53	0 367 84												
	600	1000	300	0 369 79 ⁽²⁾				0 360 54	0 360 40	0 360 08	0 361 53												2 x 0 364 96	
	800	1000	300	0 369 80 ⁽²⁾				0 360 61	0 360 42	0 360 94	0 361 55												2 x 0 364 96	
	1000	1200	300	0 369 81 ⁽²⁾				0 360 65	0 360 47	0 360 10	0 361 56												2 x 0 364 97	

1: Without cable entries plate - 2: 2 doors - 3: Usable area: 800 x 640mm - 4: Crosspieces to be cut (2m height) can be used for cabinets width 1000 and 1200

5: Use kit Cat.No 0 364 98 (p. 262) for direct mounting on Marina cabinets - 6: Except for Atlantic food industry cabinets - (A) For Atlantic - (M) For Marina



ATLANTIC

reliable & easy to install weatherproof cabinets



ATLANTIC METAL CABINETS

- IP55/66 - IK10
- Conform to IEC/EN 60529 and 62262
- Supplied with plain plate
- Metal, textured polyester coating
- Excellent resistance to corrosion and chemical agents
- Reversible door equipped with double bar lock

ATLANTIC FOOD INDUSTRY CABINETS

- IP66 - IK10
- Conform to IEC/EN 60529 and 62262
- Stainless steel finish
- Specific design, especially adapted to food & beverage industry or other environments with high hygiene requirements
- Inclined roof (30°) for improved door protection and facilitating cleaning operations (no accumulation of dust, chemicals, etc.)



Atlantic metal cabinets are supplied with plain plate. Self-centering positioning system for the equipment



Blue silicone gasket for identification as dedicated enclosure for food & beverage industry



A wide range of accessories: wall mounting lugs, perforated plates, chassis with insulating faceplates, internal doors, etc.



Specific accessories: 304L stainless steel wall spacer brackets and adjustable feet in order to facilitate cleaning operations

Atlantic metal cabinets supplied with plain plate

IP55/IP66 - IK10 - Type 4x - Type 12



0 369 19



0 369 79



0 355 53

IP 66 according to standards IEC EN 60529 for 1 doors cabinets - IP55 according to standards IEC EN 60529 for 2 doors cabinets
IK 10 according to standards IEC EN 62262
LCIE 17 07 90 10A
Type 4x, 1 door, Type 12, 2 doors - cULus
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 axis
Reversible door - Fitted with lever
Supplied with plain plate - Double bar lock - Self-centering positioning system for the equipment
Compatible with all Atlantic accessories
Low cable entries RAL 7035 - Optional depth adjustment for cabinets 400mm depth, with slides Cat.No 0 367 45

Pack	Cat.Nos	Metal cabinets	Number of doors	Weight (kg)
		Vertical version		
		External dimensions (mm) Height x Width x Depth		
1	0 369 10 ¹	300 x 200 x 160	1	3.9
1	0 369 12 ²	400 x 300 x 160	1	6.3
1	0 369 13	500 x 400 x 160	1	10.3
1	0 369 17	400 x 300 x 200	1	6.9
1	0 369 18	500 x 400 x 200	1	11.2
1	0 369 19	600 x 400 x 200	1	13
1	0 369 20	600 x 500 x 200	1	16.8
1	0 369 21	700 x 500 x 200	1	20.3
1	0 369 25	500 x 400 x 250	1	13.2
1	0 369 26	600 x 400 x 250	1	14
1	0 369 30	700 x 500 x 250	1	23.8
1	0 369 31	800 x 600 x 250	1	30.9
1	0 369 32	1000 x 600 x 250	1	44.5
1	0 369 33	1000 x 800 x 250	1	49.5
1	0 369 37	800 x 600 x 300	1	32
1	0 369 38	1000 x 600 x 300	1	45
1	0 369 39	1000 x 800 x 300	1	56.9
1	0 369 42	1200 x 600 x 300	1	50.4
1	0 369 43	1200 x 800 x 300	1	67
1	0 369 44	800 x 600 x 400	1	41.6
1	0 369 45	1000 x 800 x 400	1	63.5
1	0 369 46	1200 x 800 x 400	1	73.6
1	0 369 50	1400 x 800 x 400	1	81.6
		Square version		
1	0 369 51 ²	300 x 300 x 160	1	4.8
1	0 369 55	300 x 300 x 200	1	5.6
1	0 369 57	400 x 400 x 200	1	8.7
1	0 369 59	500 x 500 x 200	1	13.6
1	0 369 62	500 x 500 x 250	1	15.2
1	0 369 64	600 x 600 x 250	1	22.8
1	0 369 68	800 x 800 x 300	1	48
1	0 369 72	600 x 600 x 400	1	33.5
		Horizontal version		
1	0 369 11	300 x 400 x 160	1	6.2
1	0 369 75	300 x 400 x 200	1	6.9
1	0 369 76	400 x 600 x 200	1	13
1	0 369 77	400 x 600 x 250	1	14
1	0 369 78	600 x 800 x 300	2	38.4
1	0 369 79	600 x 1000 x 300	2	47.4
1	0 369 80	800 x 1000 x 300	2	59.7
1	0 369 81	1000 x 1200 x 300	2	85.7

Pack	Cat.Nos	Roofs RAL 7035	Width (mm)	Depth (mm)	Weight (kg)
		Steel Possible adjustment ± 20mm (front or back)			
		For cabinets			
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
		Lighting kit			
1	0 363 12	Supplied with 8 W fluorescent tube, Ø16mm 230 V - 50 Hz Class I - IP 20 - 600 lumens Electromagnetic compatibility according to EN 55015 Equipped with a switch Connection on terminal block Dim.: 320 x 61 x 32mm			
		Plinths RAL 7021			
		Height 200mm Front and rear trap door			
		For cabinets			
1	0 363 00		600	300	6
1	0 363 01		800	300	6.7

1: With no opening supplied with plain plates
2: With no opening

Equipment for Atlantic metal cabinets



Pack	Cat.Nos	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: 55mm																																	
		<table border="1"> <thead> <tr> <th>For cabinets (mm)</th> <th>Dimensions (mm)</th> <th>Usable dimensions (mm)</th> </tr> <tr> <th>Height x Width</th> <th>Height x Width</th> <th>Height x Width</th> </tr> </thead> <tbody> <tr> <td>400 x 300</td> <td>334 x 248</td> <td>235 x 155</td> </tr> <tr> <td>500 x 400</td> <td>434 x 348</td> <td>335 x 255</td> </tr> <tr> <td>600 x 400</td> <td>534 x 348</td> <td>435 x 255</td> </tr> <tr> <td>700 x 500</td> <td>634 x 448</td> <td>535 x 355</td> </tr> <tr> <td>800 x 600</td> <td>734 x 548</td> <td>635 x 455</td> </tr> <tr> <td>1000 x 600</td> <td>934 x 548</td> <td>835 x 455</td> </tr> <tr> <td>1000 x 800</td> <td>934 x 748</td> <td>835 x 655</td> </tr> <tr> <td>1200 x 600</td> <td>1134 x 548</td> <td>1035 x 555</td> </tr> <tr> <td>1200 x 800</td> <td>1134 x 748</td> <td>1035 x 655</td> </tr> </tbody> </table>	For cabinets (mm)	Dimensions (mm)	Usable dimensions (mm)	Height x Width	Height x Width	Height x Width	400 x 300	334 x 248	235 x 155	500 x 400	434 x 348	335 x 255	600 x 400	534 x 348	435 x 255	700 x 500	634 x 448	535 x 355	800 x 600	734 x 548	635 x 455	1000 x 600	934 x 548	835 x 455	1000 x 800	934 x 748	835 x 655	1200 x 600	1134 x 548	1035 x 555	1200 x 800	1134 x 748	1035 x 655
For cabinets (mm)	Dimensions (mm)	Usable dimensions (mm)																																	
Height x Width	Height x Width	Height x Width																																	
400 x 300	334 x 248	235 x 155																																	
500 x 400	434 x 348	335 x 255																																	
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1000 x 800	934 x 748	835 x 655																																	
1200 x 600	1134 x 548	1035 x 555																																	
1200 x 800	1134 x 748	1035 x 655																																	

Pack	Cat.Nos	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 IP55 protection - cable release tool																				
		<table border="1"> <thead> <tr> <th>Number of entries Ø5 to 14</th> <th>Number of entries Ø14 to 24</th> <th>Number of spare entries</th> <th>Direct mounting on cable entry of cabinet width (mm)</th> </tr> </thead> <tbody> <tr> <td>13</td> <td>1</td> <td>-</td> <td>300</td> </tr> <tr> <td>13</td> <td>1</td> <td>1</td> <td>400</td> </tr> <tr> <td>28</td> <td>2</td> <td>1</td> <td>500-1000</td> </tr> <tr> <td>28</td> <td>2</td> <td>2</td> <td>600-800-1200</td> </tr> </tbody> </table>	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)	13	1	-	300	13	1	1	400	28	2	1	500-1000	28	2	2	600-800-1200
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)																			
13	1	-	300																			
13	1	1	400																			
28	2	1	500-1000																			
28	2	2	600-800-1200																			
		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 IP55 maintained																				

Pack	Cat.Nos	Cable entries for Atlantic cabinets												
		600 or 800mm width												
1	0 329 46	IP43 cable entry plate with brush (cable feed-through 385 x 30mm)												
1	0 329 47	IP55 multi-entry cable entry plate with cable glands Supplied with 12 ISO 32 cable glands The cable glands take 4 UTP/FTP/SFTP cables (Ø6.5 to 9.5mm) per cable gland Cords with connectors can be fed through without having to dismantle the cable gland Usable interior Ø25.5mm Supplied with blanking plates for unused entries												
		Protective conductor												
		Earth braid												
		<table border="1"> <thead> <tr> <th>Capacity (mm²)</th> <th>Fixing spacing (mm)</th> <th>Ø of holes (mm)</th> </tr> </thead> <tbody> <tr> <td>6</td> <td>200</td> <td>8.5</td> </tr> <tr> <td>16</td> <td>200</td> <td>8.5</td> </tr> <tr> <td>30</td> <td>200</td> <td>8.5</td> </tr> </tbody> </table>	Capacity (mm ²)	Fixing spacing (mm)	Ø of holes (mm)	6	200	8.5	16	200	8.5	30	200	8.5
Capacity (mm ²)	Fixing spacing (mm)	Ø of holes (mm)												
6	200	8.5												
16	200	8.5												
30	200	8.5												
20	0 347 95													
20	0 347 96													
10	0 347 97													
20	0 363 95	Green/yellow wire												
		6 200 6.5												

Pack	Cat.Nos	Paint touch-up
		Aerosol paint spray RAL 7035
1	0 365 97	
		Touch-up brush For protecting the sheet metal after cutting Anti-corrosion paint RAL 7035 Other colours on request
10	0 365 91	
		Temporary marking Water-soluble marker pen
10	0 395 99	
		Accessories
		Set of 4 slides for depth adjustment For 400mm depth cabinets
1	0 367 45	
		Wall-mounting lugs (set of 4) For load up to 300kg Horizontal or vertical installation With a roof, horizontal installation only Zamak RAL 7035 Supplied with cover finish
1	0 364 01	
		For load up to 300kg Horizontal or vertical installation Anti-corrosion steel treatment
1	0 364 04	
		Attachment lugs for rail Supplied with M6 screws Set of 2 Used to attach the 15mm depth symmetric rail on door profile strand-holder
5	0 367 35	

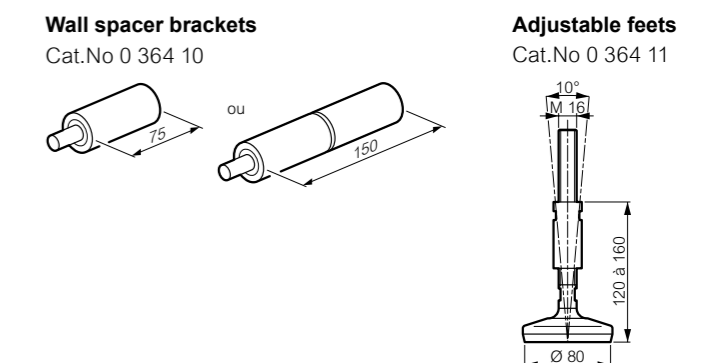
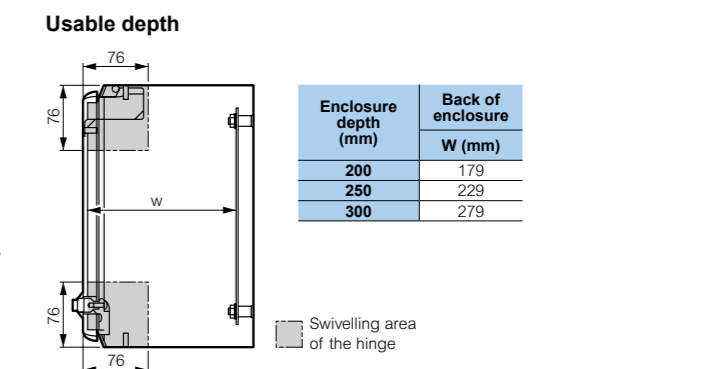
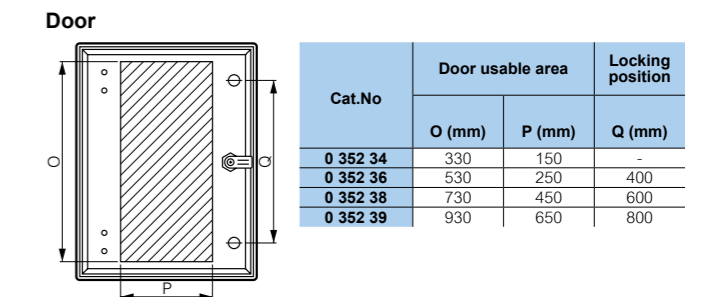
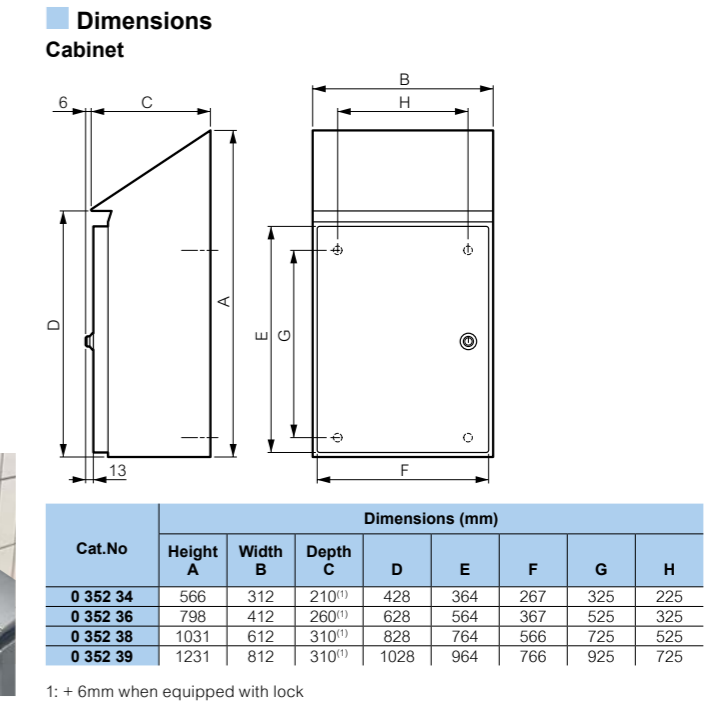
Atlantic food industry stainless steel cabinets



Hygienic Design: especially designed for food & beverage industry or other environments with high hygiene requirements
Finish: brushed stainless steel
Curved reversible door, stainless steel lock
Roof angles forwards by 30° for improved door protection
Supplied with one key
Can be equipped with Atlantic & Atantic stainless steel accessories (lighting kit)

Pack	Cat.Nos	Enclosures - 304L stainless steel																				
		IP 66 according to EN/IEC 60529 IK 10 according to EN/IEC 62262 (EN 50102) Vertical version, 1 door																				
		External dimensions/ Corresponding enclosure																				
		<table border="1"> <thead> <tr> <th>Height (mm)</th> <th>Width (mm)</th> <th>Depth (mm)</th> <th>Weight (kg)</th> </tr> </thead> <tbody> <tr> <td>566/400</td> <td>312/300</td> <td>210/200</td> <td>6.5</td> </tr> <tr> <td>798/600</td> <td>412/400</td> <td>260/250</td> <td>12.5</td> </tr> <tr> <td>1031/800</td> <td>612/600</td> <td>310/300</td> <td>27.4</td> </tr> <tr> <td>1231/1000</td> <td>812/800</td> <td>310/300</td> <td>39</td> </tr> </tbody> </table>	Height (mm)	Width (mm)	Depth (mm)	Weight (kg)	566/400	312/300	210/200	6.5	798/600	412/400	260/250	12.5	1031/800	612/600	310/300	27.4	1231/1000	812/800	310/300	39
Height (mm)	Width (mm)	Depth (mm)	Weight (kg)																			
566/400	312/300	210/200	6.5																			
798/600	412/400	260/250	12.5																			
1031/800	612/600	310/300	27.4																			
1231/1000	812/800	310/300	39																			
		Wall spacer brackets - 304L stainless steel																				
1	0 364 10	Set of 4 wall spacer brackets. Supplied with screws For load up to 125kg Spacing between wall and enclosure: 75mm Maximum spacing between wall and enclosure: 150mm with 2 sets of wall spacer brackets Cat.No 0 364 10																				
		Adjustable feet - 304L stainless steel																				
1	0 364 11	Set of 4 feet. Supplied with screws For load up to 125kg Adjustable height from 120 to 160mm Adjustable tilt up to 10°																				

Atlantic food industry stainless steel cabinets



Atlantic metal cabinets supplied with plain plate

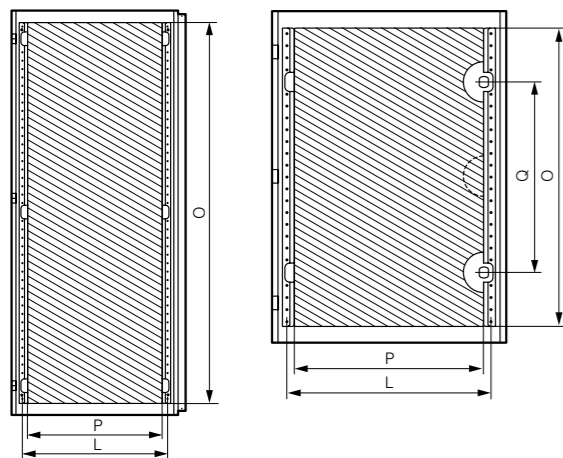
IP 55/IP66 - IK10 - Type 4x - Type 12

Usable dimensions

Doors

2 doors

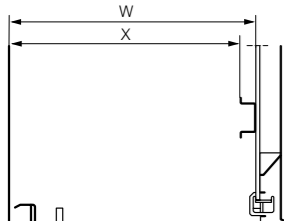
1 door



Cat.Nos	Cabinets		Door usable dimensions		Lock positions Q (mm)	Strand-holder fixing centres L (mm)
	Height (mm)	Width (mm)	Height O (mm)	Width P (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: -12mm on the side with "Legrand" marking

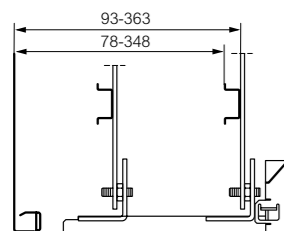
Usable depth



Cabinets Depth (mm)	Back of cabinet	
	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

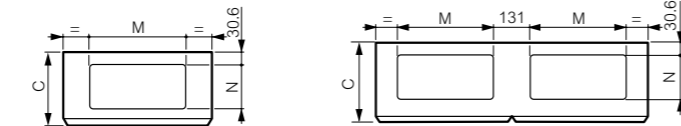
Cat.No 0 367 45 for 400mm depth cabinets



Cable entries

Cabinets width ≤ 800mm

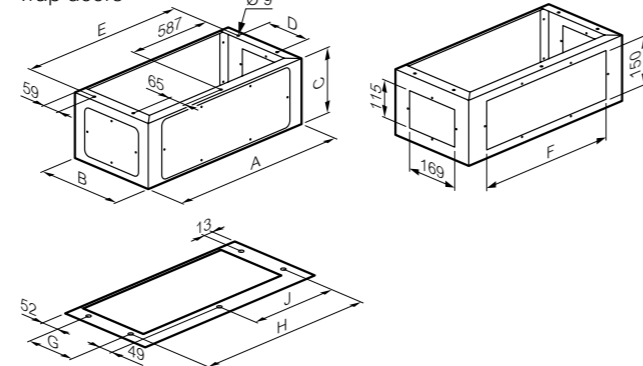
Cabinets width ≥ 1000mm



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

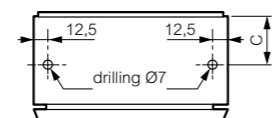
Plinths

Trap doors



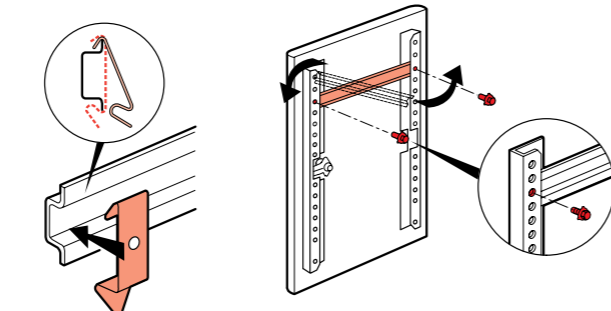
Cat.Nos	Cabinets W x D (mm)	A	B	C	D	E	F	G	H	J
0 363 00	600 x 300	600	280	200	150	574	469	150	542	271
0 363 01	800 x 300	800	280	200	150	774	469	150	742	371

Roofs fixing



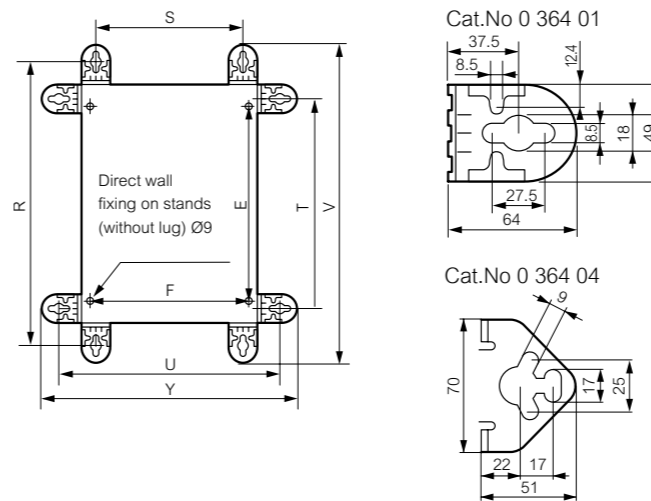
Cat.Nos	C (mm)
0 365 51/52/67/69	100
0 365 53/54/64	125
0 365 56/57	150

Fixing on door of a symmetrical rail depth 15mm with Cat.No 0 367 35



Usable dimensions

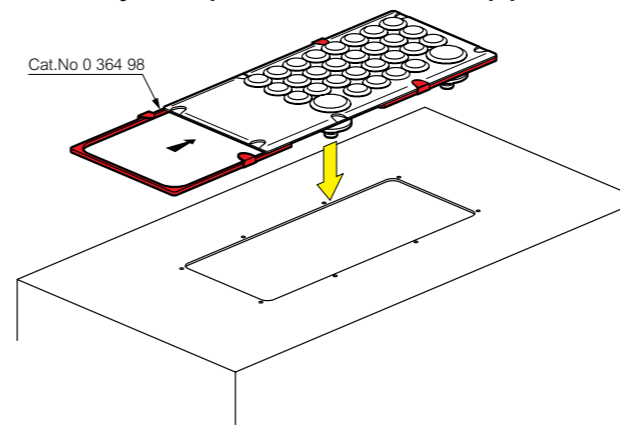
Fixing



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

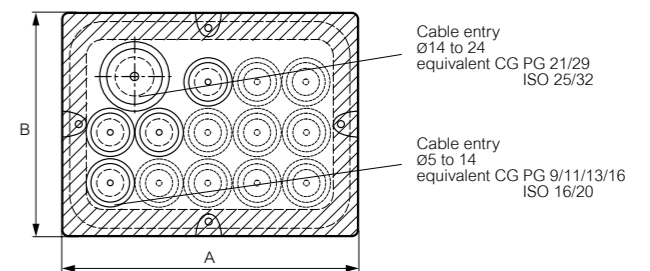
1: Same mounting centres for Cat.Nos 0 364 01 and 0 364 04

Assembly kit on plane surface for Cabstop plate



Cabstop plate

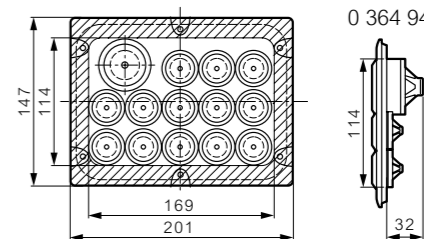
- Tensile resistance: 15kg minimum
- Operating temperature: - 20°C to + 65°C
- ASTM No 3 resistance to cutting oil
- Resistance to incandescent wire: 750°C according to IEC EN 60695-2-11



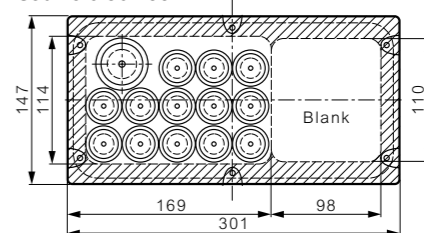
Dimensions

Cat.No 0 364 94

Side view 0 364 94/95

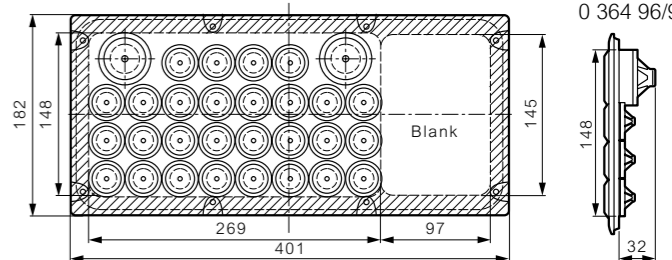


Cat.No 0 364 95

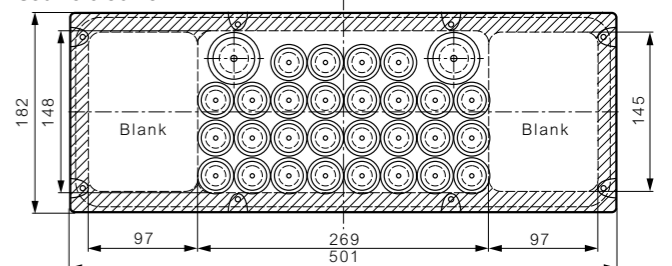


Cat.No 0 364 96

Side view 0 364 96/97



Cat.No 0 364 97



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



Marina cabinets

DISCOVER THE RANGE

- Fiber glass reinforced polyester cabinets
- IP66 - IK10
- Class II (used to create totally isolated assemblies)
- 8 sizes of cabinets and 3 sizes of enclosures from 300x220x160mm to 1800x800x400mm
- Equipment fixed directly at the back of the cabinets thanks to a complete range of accessories

Marina cabinets

polyester - IP66 - IK10



0 362 56



0 362 76

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 isolated assemblies acc. to EN 60439-1 and assemblies for photovoltaic installations acc. to UTE C15-712-1)
 Fiber glass reinforced polyester
 Self-extinguishing 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 500x400x200mm and/or rails on intermediate studs (except for Cat.No 0 362 50)
 Optional depth adjustment from height 400 x width 300mm with Cat.No 0 362 42
 Can be equipped with Atlantic accessories

Pack	Cat.Nos	RAL 7035 cabinets	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

Pack	Cat.Nos	RAL 7035 cabinets with glass door	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

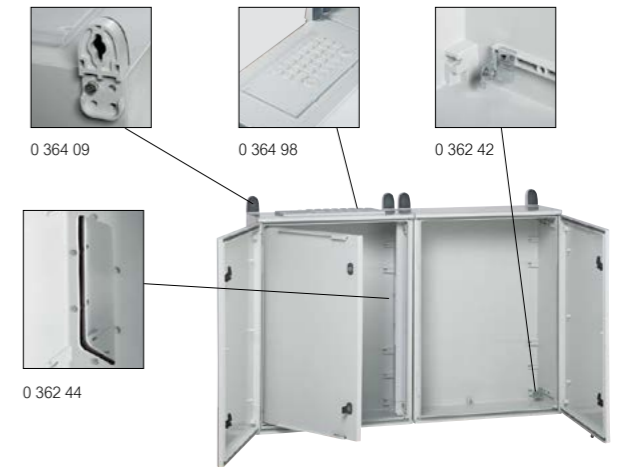
Equipment for Marina cabinets



0 362 63 with plinth Cat.No 0 362 92 and roof Cat.No 0 362 95



0 362 56 on stand Cat.No 0 364 36 and cross-pieces Cat.No 0 364 39



0 364 09

0 364 98

0 362 42

0 362 44

Example of cabinets Cat.No 0 362 61 associated and equipped:
 - Lugs Cat.No 0 364 09
 - Internal door Cat.No 0 363 63
 - Cabstop plate + kit Cat.No 0 364 98
 - Twin kit Cat.No 0 362 44
 - Depth adjustment kit Cat.No 0 362 42

Pack	Cat.Nos	Plinths RAL 7035
1	0 362 91	Height 170mm
1	0 362 92	Front and rear trap door Possibility to overlap 2 plinths For cabinets Cat.Nos 0 362 61/81 For cabinets Cat.Nos 0 362 61/64/83/84
Pack	Cat.Nos	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
Pack	Cat.Nos	Fixing accessories
1	0 364 08	IP66 maintained
1	0 364 09	Wall mounting lugs Set of 4, supplied with screws For cabinets height 300mm. For 100kg load For cabinets height 400 and 1200mm. For 150kg load
10	0 362 40	Rear with threaded rod M8 for cabinets height ≥ 400mm Mounting at back of cabinets
1	0 364 36	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)
1	0 364 37	For cabinets height 400 to 800mm
1	0 364 39	For cabinets height 1000 to 1200mm Anti-tipping cross-pieces Option of fitting casters Cat.No 0 464 83

Pack	Cat.Nos	Accessories
1	0 362 42	Depth adjustment kit for cabinets depth ≥ 200mm, for plate or uprights
10	0 394 49	Set of 4 lugs, supplied with screws 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
1	0 362 44	IP55 maintained Twin kit (horizontal or vertical) for cabinets ≥ 500mm 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 ≥ 400mm additional to latches Takes 3 padlocks Ø6 max.

Marina enclosures

polyester - IP66 - IK10



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

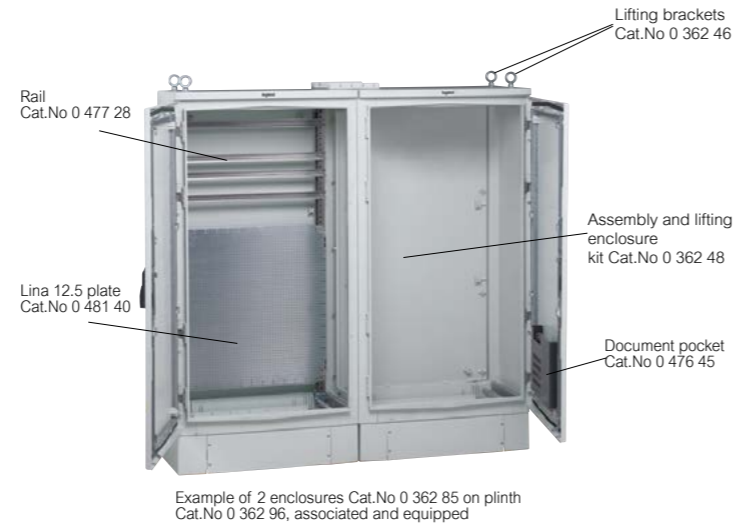
IP66 acc. to IEC EN 60529
LCIE n° 60059283-560528
IK10 acc. to EN 62262 (EN 50102)
Class II (Used to create totally isolated assemblies acc. to EN 60439-1)
Fiberglass reinforced polyester
Self-extinguishing 960°C acc. to IEC EN 60695-2-11
Adapted to corrosive environment
Supplied with fixing kit for 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
1	0 362 85	1460 x 800 x 463
1	0 362 86	1660 x 800 x 463
1	0 362 87	1860 x 800 x 463
		Corresponding metal enclosures (mm) Height x Width x Depth
		1400 x 800 x 400
		1600 x 800 x 400
		1800 x 800 x 400

Pack	Cat.Nos	Plinth RAL 7035
1	0 362 96	Height 170mm Front and rear trap door Possibility to overlap 2 plinths For enclosure width 800 x depth 400mm

Pack	Cat.Nos	Roof RAL 7035
1	0 362 97	For enclosure width 800 x depth 400mm

Equipment for Marina enclosures

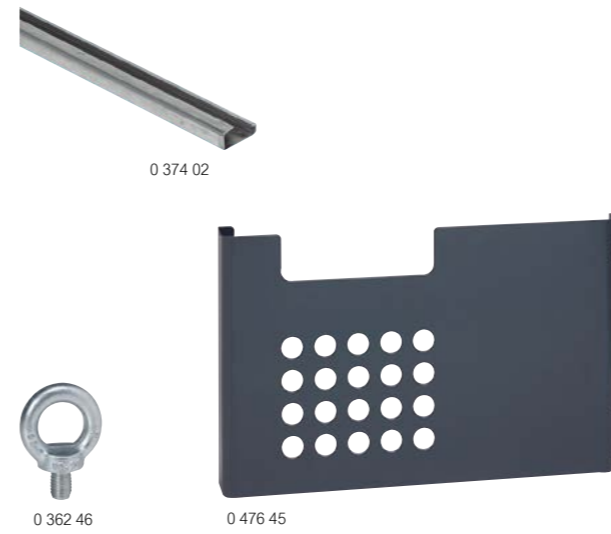


Example of 2 enclosures Cat.No 0 362 85 on plinth
Cat.No 0 362 96, associated and equipped

Pack	Cat.Nos	Equipment
		Plain plates Galvanized steel. Pre-marked pitch 100mm Admissible load: 200kg/m ²
		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: - Ø6.5mm for plastic rivet Cat.No 0 366 44 (trunking) - Ø3.3mm for equipment with screw Cat.No 0 347 45 For installation of Cat. No 0 481 40/43, use Lina 25 sectionned uprights Cat. No 0 364 08 can be fixed directly on the back of the enclosure (1400mm height enclosures) Admissible load: 150kg/m ²
		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: 50kg/m ²
		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 Distance between enclosure door and internal door 78mm Right or left opening, handle included
		For cabinets
		Height x Width (mm) Door dim. (mm) Door usable dim. (mm)
		Height x Width Height x Width 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

Equipment for Marina enclosures

(continued)



Pack	Cat.Nos	Screws
500	0 366 44	Rivet reinforced plastic Ø6mm for drilling Ø6.5mm
100	0 347 45	Screw head H 4.8 x 16mm self-drilling, self-tapping for Ø3.3mm
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, Lina rail and Lina 12.5 or Lina 25 plates Set of 2 uprights galvanized steel
		For enclosures
		Height (mm) Length (mm)
1	0 363 90	1400 1284
1	0 363 91	1600 1484
1	0 363 92	1800 1684
		Rails Lina 25 rail Galvanized steel For enclosures width 800mm Lina 15mm depth
5	0 477 28	
10	0 374 02	
		Rail to be cut EN 60715
		Lifting accessories
1	0 362 46	Lifting brackets M14 Set of 4 brackets for max. load 500kg/m ³
1	0 362 48	Supplied with blanking plates Assembly and lifting enclosures kit: - 2 support brackets - screws - weatherproof seal For 500kg/m ³ lifting, order separately one set of 4 brackets Cat.No 0 362 46
		Metal document holder (for plans)
1	0 476 45	RAL 7012. Fixed on door width 800mm Internal dimensions: 425(W)x275(H)x50(D)mm

ADDITIONAL SOLUTIONS AVAILABLE ON REQUEST

Solutions for specific applications

Atlantic stainless steel cabinets, Axis control consoles Marina or Altis enclosures, four ranges available on request or made to measure for specific environments or for local control of industrial processes



Altis automation enclosure



Atlantic stainless steel cabinets



Atlantic Axis control consoles

CUSTOM MADE RANGES

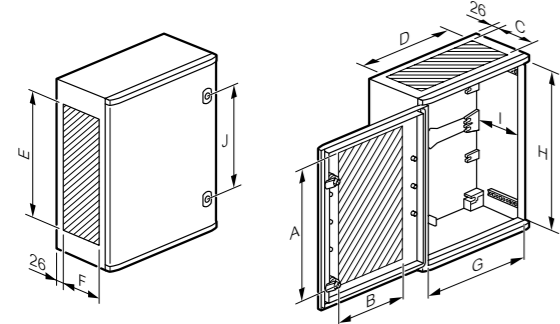


If you want to know more about Legrand custom made ranges (pre-drilled enclosures, special colours etc) please contact your Area Commercial Manager

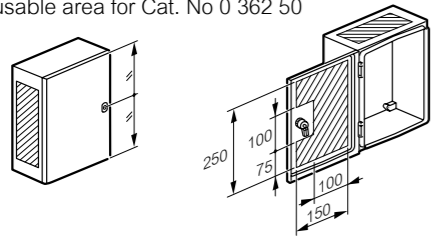
Marina cabinets and enclosures

polyester - IP66 - IK10

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

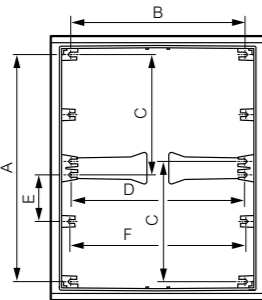
Equipment fixing in cabinets

Cat. Nos	Usable area (mm)					
	A	B	C	D	E ⁽¹⁾	F
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	225	325	95	328.5
0 362 56/76	625	425	225	425	100	428.5
0 362 61/81	725	525	225	525	100	528.5
0 362 63/83	925	725	225	725	100	728.5
0 362 64/84	1125	725	225	725	100	728.5

1: 2 studs on height Cat.No 0 362 50

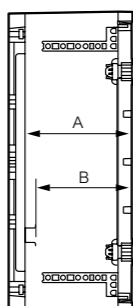
Partial plates mounting

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 21	0 360 42

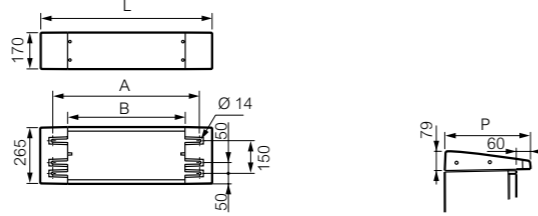


Adjustment of equipment (optional)

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

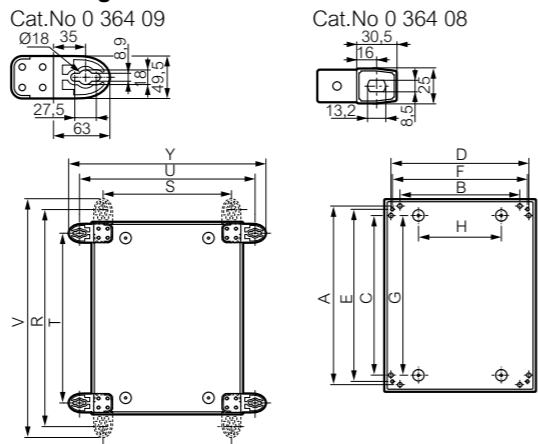


Plinths Cat. Nos	L (mm)	A (mm)	B (mm)	Weight (kg)
0 362 91	590	480	344	4.8
0 362 92	790	680	544	5.4

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

same fixing distances on ground and cabinet side

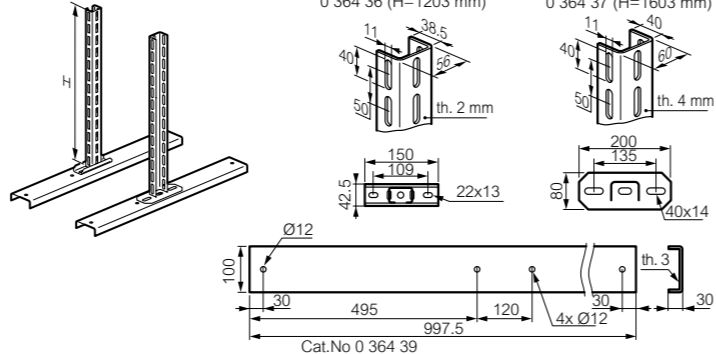
Fixing



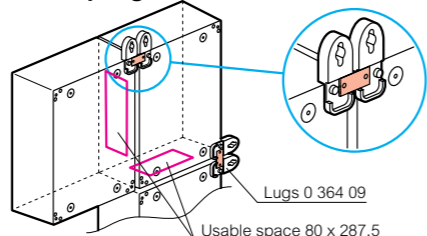
Cat. Nos	On stands 0 364 36 (mm)		Direct fixing outside mounting plate and stand area 0 364 37 (mm)		Direct fixing through rear of cabinet (mm)		With vertical brackets (mm)			With horizontal brackets (mm)		
	A	B	E	F	G	H	R	S	V	T	U	Y
0 362 50 ^(1/2)	-	-	-	-	220	150	330	190	359	270	250	279
0 362 51/71	364	218	358	259	325	120	470	241	525	341	370	425
0 362 52/72	464	318	458	359	425	220	570	341	625	441	470	525
0 362 55/75	574	318	558	358	525	220	680	341	735	551	470	525
0 362 56/76	683	427	664	468	600	200	789	441	844	641	579	634
0 362 61/81	781	525	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

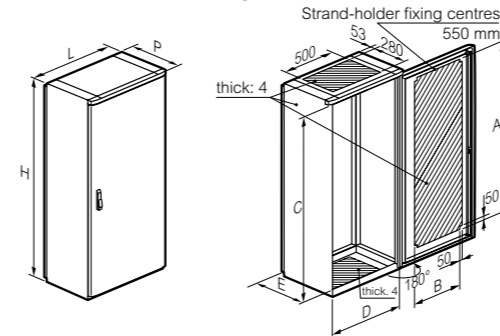
Stands



Coupling kit for cabinets Cat.No 0 362 44



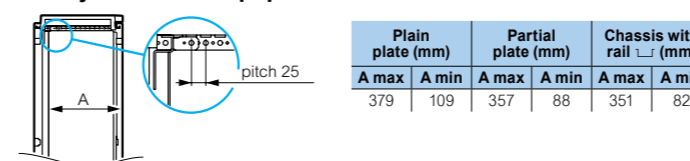
Dimensions, weights and usable areas of enclosures



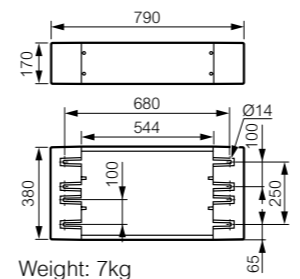
Cat. Nos	Dimensions H x W x D (mm)	Weight (kg)	Usable areas (mm)				
			A	B	C	D	E ⁽²⁾
0 362 85	1460 x 800 x 463 ⁽¹⁾	49	1230	530	1300	700	380
0 362 86	1660 x 800 x 463 ⁽¹⁾	53	1430	530	1500	700	380
0 362 87	1860 x 800 x 463 ⁽¹⁾	57	1630	530	1700	700	380

1: 487 with handle
2: Usable depth

Adjustment of equipment in enclosures

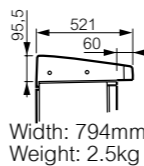


Plinth Cat.No 0 362 96



Weight: 7kg

Roof Cat.No 0 362 97

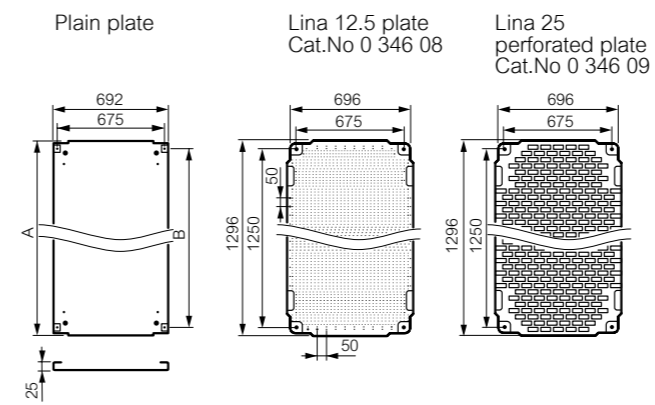


Width: 794mm
Weight: 2.5kg

Plates

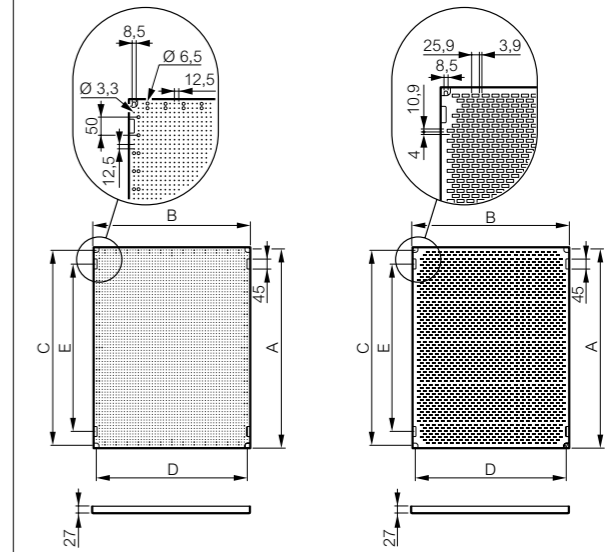
Choice of plates

Plates	Enclosures H. 1400mm	Enclosures H. 1600mm	Enclosures H. 1800mm
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



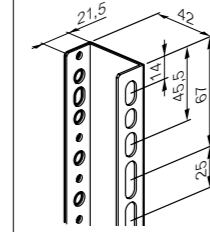
Enclosure height (mm)	Plain	
	A	B
1400	1292	1225
1600	1492	1425
1800	1692	1625

Lina 12.5 partial plain and Lina 25 perforated plates

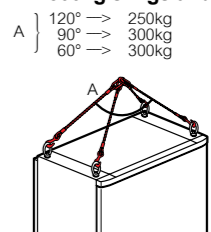


Enclosures dim Height. x Width	Lina 12.5 partial plate and Lina 25 perforated plate					
	A	B	C	D	E	Area (dm ²)
800 x 800	703	703	675	675	550	49
1000 x 1000	903	903	875	875	750	82

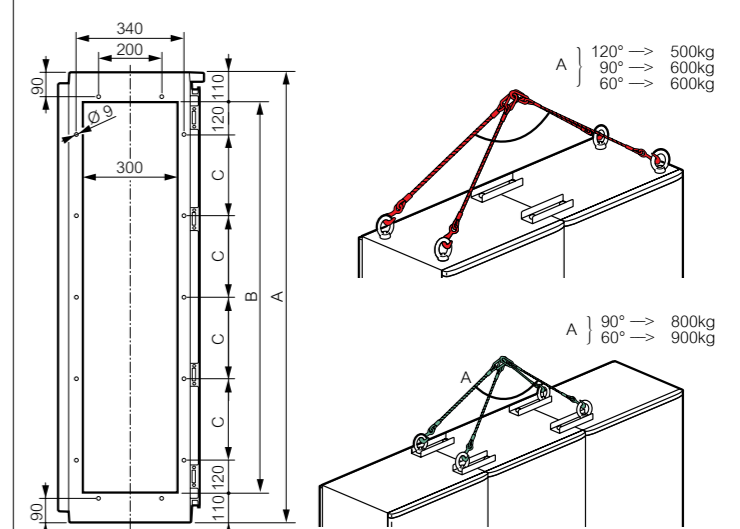
Sectioned uprights Cat.Nos 0 363 90/91/92



Suggested lifting method 4 x 500kg slings and 4 brackets



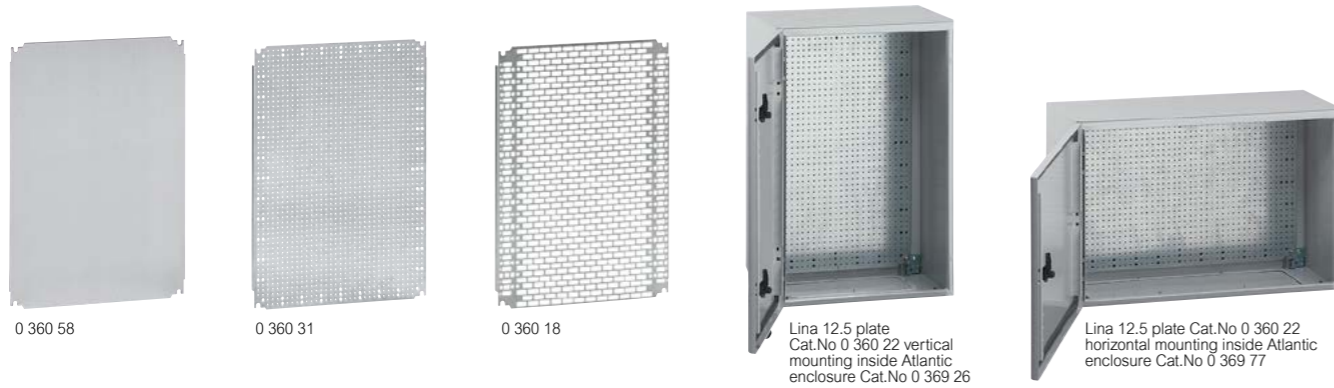
Assembly and lifting kit Cat.No 0 362 48 and lifting kit Cat.No 0 362 46



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 food industry and Marina cabinets:

plain plates and perforated plates



Pack	Cat.Nos	Plain plates			Horizontal mounting for cabinets		
		Height (mm)	Width (mm)	Weight (kg)	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			

Pack	Cat.Nos	Lina 12.5 plates			Horizontal mounting for cabinets		
		Height (mm)	Width (mm)	Weight (kg)	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			

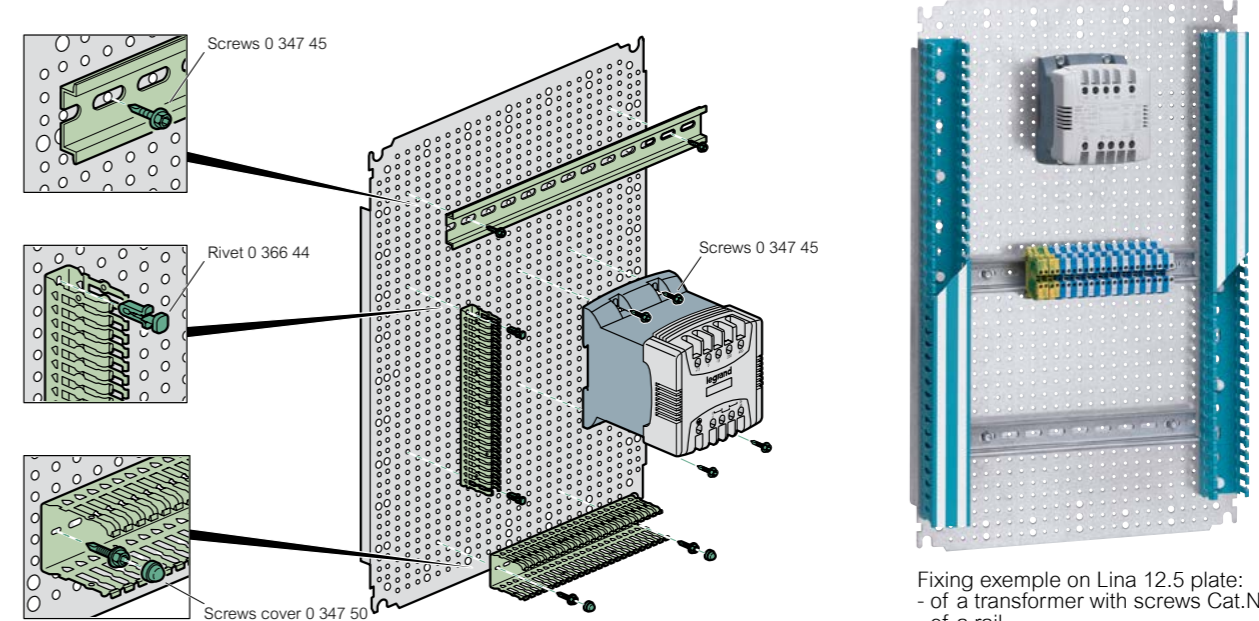
Pack	Cat.Nos	Lina 25 perforated plates		
		Height x Width (mm)	Weight (kg)	
1	0 360 07 ²	300 x 200	0.4	
1	0 360 99 ¹	300 x 220	0.4	
1	0 360 91	300 x 300	0.5	
1	0 360 11	300 x 400	0.6	
1	0 360 12	400 x 300	0.6	
1	0 360 92	400 x 400	0.8	
1	0 360 13	400 x 600	1.1	
1	0 360 15	500 x 400	0.9	
1	0 360 93	500 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 88	1200 x 1000	8.5	
1	0 360 90 ²	1400 x 800	7.8	
100	0 364 40	Clip-nuts for perforated plates		
100	0 364 41	Supplied without screw		
100	0 364 42	For M4 screws		

Pack	Cat.Nos	Accessories		
500	0 366 44	Rivet reinforced plastic Ø6mm for drilling Ø6.5mm		
100	0 347 45	Screw head 4.8 x 16mm self-drilling, self-tapping for Ø3.3mm		
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 food industry and Marina cabinets:

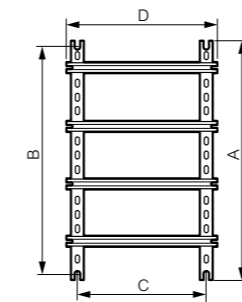
plain plates and perforated plates



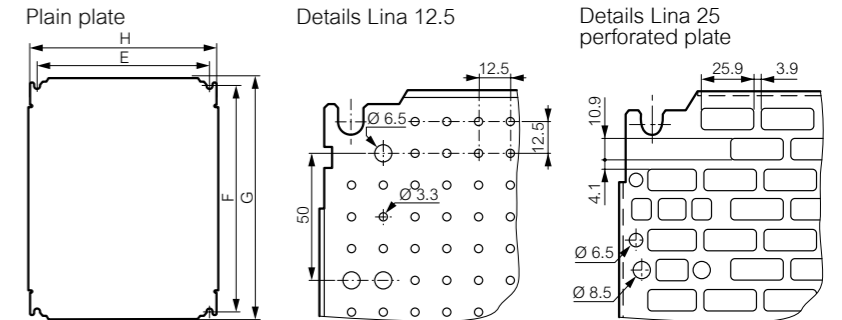
Fixing example on Lina 12.5 plate:
- of a transformer with screws Cat.No 0 347 45
- of a rail
- of Lina 25 cable ducting

Dimensions

Assembled chassis with rails and Lina 25 uprights



Lina 12.5 plain plates and Lina 25 perforated plates



Dimensions of cabinets Height x Width (mm)	Uprights height (mm)	Rail length (mm)	Chassis fixing	
			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

Cabinets dimensions Height x Width (mm)	Dimensions of plates Plain / Lina 12.5 / 25 plates		Usable space for equipment (dm ²)	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
1200 x 1000 ⁽¹⁾	1156	956	108.7	1125	925
1400 x 800	1356	756	100.7	1325	725

1: For horizontal or vertical mounting



0 462 28 supplied not assembled

0 367 36

0 363 13

0 475 45

Metal Atlantic cabinet equipped with document holder Cat.No 0 365 82

Pack	Cat.Nos	Lina 25 sectioned uprights		
		Set of 2 uprights		
		For cabinets height (mm)	Length (mm)	Section
5	0 361 50	300	237	
5	0 361 51	400	337	
5	0 361 52	500	437	
5	0 361 53	600	537	
5	0 361 54	700	637	
5	0 361 55	800	737	
5	0 361 56	1000	937	
1	0 361 58	1200	1137	
1	0 361 59	1400	1337	
10	0 361 92	Upright to be cut Length 3m - 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		
		└ depth 15mm		
		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	
		Rail to be cut, length 2m		
10	0 374 02	└ EN 60715		
10	0 374 07	Symmetrical └ depth 15mm		
10	0 374 04	Symmetrical └ EN 60175 depth 7.5mm		
10	0 477 22	└ depth 7.5mm with oblongs		
10	0 477 23	└ depth 15mm with oblongs		
		Protective conductor lug		
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 800mm and depth 250mm minimum.		
		In 400mm wide cabinets, the chassis can integrate 10" VDI equipment. Can be fixed directly to the wall to create a wall-mounting chassis (without cabinet)		
		Self-locking cable ties and cable ties with tightening indicator.		
1	0 462 27	6 U chassis		
1	0 462 28	12 U chassis		
1	0 462 29	16 U chassis		

Pack	Cat.Nos	Copper bars					
		Copper bars with tapped holes					
		Cross-section (mm)	Permis I (A)	Tapped holes (Ømm Pitch)			
10	0 373 88	12 x 2	110	M5 18			
10	0 373 89	12 x 4	160	M5 18			
100	0 373 65 ¹	Connectors for bars with tapped holes 1 or 2 conductor from 1.5 to 10mm ² (supplied with Ø5mm screws)					
		Non perforated copper bar					
		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					
100	0 373 60	1.5 to 4mm ²					
10	0 373 61	6 to 16mm ²					
10	0 373 62	10 to 35mm ² (supplied with M6 CHC Ø5mm)					
		Door contact					
		For example, to cut off the air conditioning and the lighting supply as soon as the enclosure or cabinet door is opened					
1	0 363 13	3A - 240V 1 NC contact + 1 NO contact For Atlantic and Marina cabinets Supplied with fixing lug					
		Hinged glass doors					
		IP54 Anodised aluminium frame Polycarbonate transparent window, 3mm stick Neoprene seal 455 key lock. 120° opening Supplied complete with drilling template For devices on front panels. Protect the devices and prevent accidental operation					
		Width (mm)	Height (mm)	External dim. (mm)	Window Height (mm)	Window Depth (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
		Self adhesive document holder (for plans)					
		Open - RAL 7035					
		External dimensions	Internal dimensions				
		Width (mm)	Height (mm)	Width (mm)	Height (mm)	Depth (mm)	
20	0 365 80	340	235	310	200	18	
20	0 365 81	260	165	230	130	18	
		Closed - RAL 7035					
		Rigid plastic - IP50 Internal dimensions: 324x120x18mm					
1	0 365 82						
		Transparent					
		Flexible plastic - A4 - 320x220mm					
10	0 097 99						
		Door stop for Atlantic metal cabinets					
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



0 361 03 mounted in cabinet Cat.No 0 369 26

0 363 60 mounted in Atlantic metal cabinets Cat.No 0 369 18 with Cat.No 0 363 69

Accept key barrel

Pack	Cat.Nos	Chassis with insulating faceplates RAL 7035		
		Symmetrical rails 15mm depth Supplied complete with uprights and faceplates Space between door and faceplate for Atlantic, Atlantic Hygienic Design and Marina cabinets :		
		- 70mm for cabinets depth 200mm - 80mm for cabinets depth 250mm - 90mm for cabinets depth 300mm Self extinguishing 750 °C acc. to IEC EN 60695-2-11		
1	0 361 01	For cabinets 400x300x200 30 modules (3 rows of 10) Supplied with 1 blanking plate		
1	0 361 02	For cabinets 500x400x200 48 modules (3 rows of 16) Supplied with 1 blanking plate		
1	0 361 03	For cabinets 600x400x250 48 modules (3 rows of 16) Supplied with 1 blanking plate		
1	0 361 05	For cabinets 700x500x250 84 modules (4 rows of 21) Supplied with 1 blanking plate		
1	0 361 06	For cabinets 800x600x300 108 modules (4 rows of 27) Supplied with 2 blanking plates Can take in 1st row a mounting plate Cat.No 0 360 44		
1	0 361 09	For cabinets 1000x800x300 190 modules (5 rows of 38) Supplied with 2 blanking plates Can take in 1st row a mounting plate Cat.No 0 360 45		
1	0 361 10	For cabinets 1200x800x300 228 modules (6 rows of 38) Supplied with 2 blanking plates Can take in 1st row a mounting plate Cat.No 0 360 45		
10	0 361 00	Blanking plate 38 modules, length 684mm		

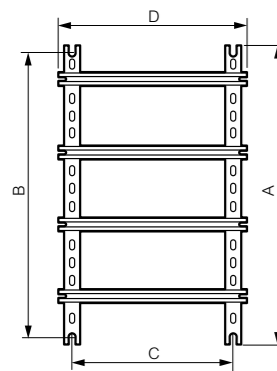
Pack	Cat.Nos	Mounting plates		
1	0 360 44	For 800 x 600mm cabinets for DPX ³ 160 or Vistop 160A or DPX-IS 250, 63 to 250A, please consult us		
1	0 360 45	For 1000 x 800mm or 1200 x 800mm cabinets For 1, 2 or 3 DPX ³ 160, DPX ³ 250 or Vistop 160A or DPX-IS 250, 63 to 250A		
		Insulating internal doors RAL 7035		
		For direct routing in Marina cabinets, with Cat.No 0 363 69 in Atlantic metal cabinets IP XXB		
		Polyester fiber glass reinforced, height 4mm 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 50mm for Atlantic cabinets, more than 100mm for Marina cabinets Right or left opening, captive hinge pins Double bar key: 1 key for 400 to 600mm height, 2 keys for height from 700mm Take key barrels and other barrels		
		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	305 x 185
1	0 363 60	500 x 400	441 x 336	405 x 250
1	0 363 61	600 x 400	541 x 336	505 x 250
1	0 363 62	700 x 500	642 x 436	500 x 340
1	0 363 63	800 x 600	742 x 536	600 x 440
1	0 363 64	1000 x 800	942 x 736	800 x 640
1	0 363 65	1200 x 800	942 x 736	800 x 640
		Accessory		
1	0 363 69	Accessory for mounting insulating internal doors in Atlantic metal cabinets		

Atlantic, Atlantic food industry and Marina cabinets rails and uprights

Locking accessories

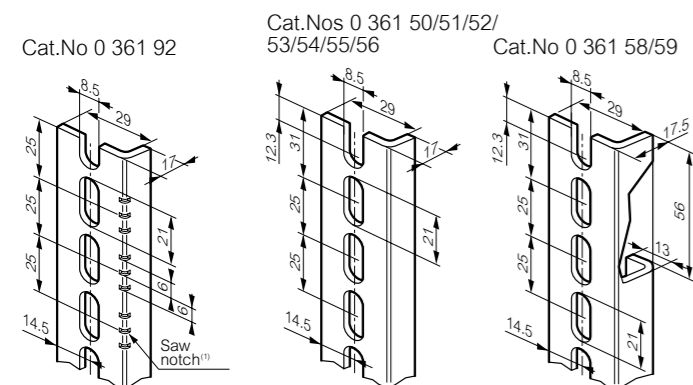
Uprights, rails and fixing accessories for cabinets and enclosures

Assembled chassis with rails and Lina 25 uprights



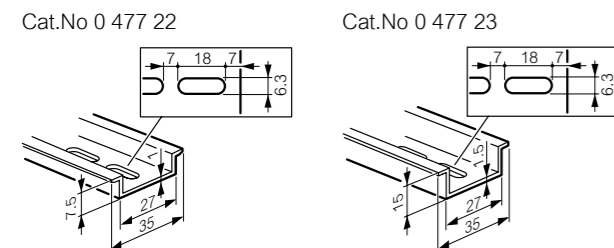
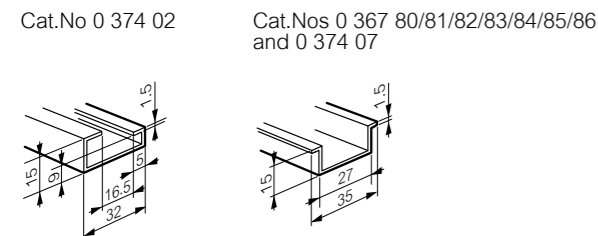
Dimensions of cabinets Height x Width (mm)	Uprights height				Chassis fixing
	A (mm)	D (mm)	B (mm)	C (mm)	
300 x 200	237	143	225	125	
300 x 300	237	243	225	225	
300 x 400	237	343	225	325	
400 x 300	337	243	325	225	
400 x 400	337	343	325	325	
400 x 600	337	543	325	525	
500 x 400	437	343	425	325	
500 x 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



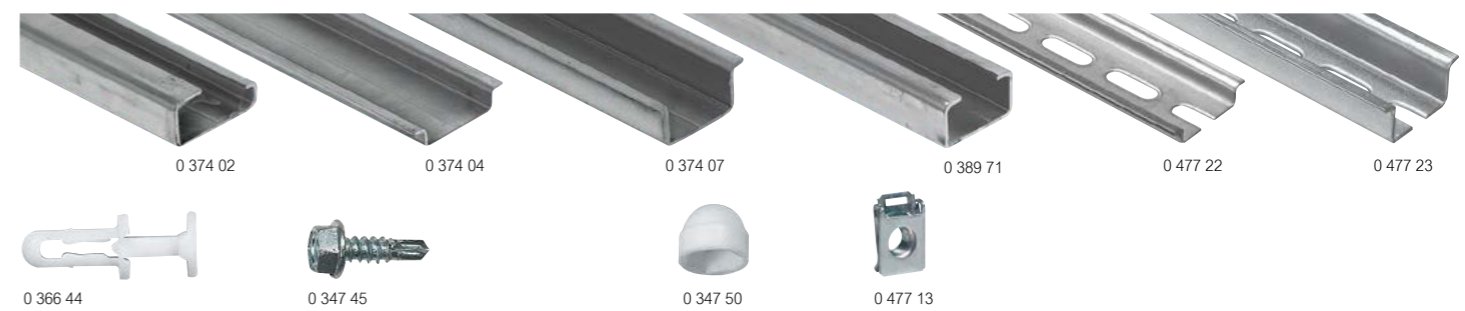
1: Saw notch for upright length x pitch 25, the 2 others for uprights Cat.Nos 0 361 50/51/52/53/54/55/56

Rails



Pack	Cat.Nos	Description
10	0 368 04	Lock housings for rebate locks or key barrets For Atlantic and Marina cabinets Lock
10	0 368 05	Knob (with blanking plate)
10	0 368 06	Knob fitted with key barrel 2433A
1	0 365 11	Padlocking Takes 3 safety padlocks Cat.No 0 227 97 Shackle Ø6mm max. For fitting on Atlantic and Marina knob or lock RAL 7021 painted steel
1	0 365 13	Padlock adaptor stainless steel for Marina cabinets height ≥ 400mm additional to latches Takes 3 padlocks Ø6 max.
10	0 365 30	Locking latches For Marina cabinets
10	0 368 43	For Atlantic 1-door cabinet
10	0 368 17 ¹	Metal rebate locks For Atlantic and Marina cabinets Triangle male 6.5mm
10	0 368 18 ¹	Triangle male 8mm
10	0 368 19 ¹	Triangle male 9mm (EDF)
10	0 368 20 ¹	Double bar
10	0 368 22 ¹	Key barrets For Atlantic and Marina cabinets Supplied with set of 2 key
10	0 368 23 ¹	For key No 405
10	0 368 24 ¹	For key No 421
10	0 368 25 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
10	0 365 35	Metal keys for rebate locks Square female 6mm
10	0 365 39	Triangle male 6.5mm
10	0 365 40	Triangle male 8mm
10	0 365 41	Triangle male 9mm (EDF)
10	0 365 42	Double bar
1	0 368 42	Multi-size key for rebate locks: square male 8mm, square male 6mm, Triangle male 8mm and double bar

1: Except Marina enclosures: please consult us



For mounting chassis and fixing wiring accessories

Pack	Cat.Nos	Description
10	0 361 92	Uprights to be cut Lina 25 Length 3m - Section L
10	0 389 71	On C profile rail Section L
10	0 374 02	Rails to be cut Length 2m EN 60 715
10	0 374 04	EN 60 715 depth 7.5mm
10	0 374 07	depth 15mm
10	0 389 71	Section L
10	0 477 22	depth 7.5mm with oblongs
10	0 477 23	depth 15mm with oblongs
10	0 394 49	45° mounting bracket Set of 2 supports for 45° rail slope Supplied with 4 M6 screws Ø6mm, nuts and washers
100	0 347 46	Fixing accessories On plain plates 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
500	0 366 44 ¹	On Lina 12.5 plates Rivet reinforced plastic Ø6mm for drilling Ø6.5mm
100	0 347 45	On Lina 25 perforated plates Screw head H 4.8 x 16mm self-drilling, self-tapping for Ø3.3mm
200	0 347 50	Screw caps for isolation of screw head Cat.No 0 347 45
100	0 364 40	On cabinet frame and crosspieces Clip-nuts supplied without screw For M4 screws
100	0 364 41	For M5 screws
100	0 364 42	For M6 screws
50	0 477 12	Clip-nuts with pins which provide earth continuity For M6 screws
50	0 477 13	For M8 screws
100	0 364 61	On rails EN 60 715 Fixobar for M4 screws
100	0 364 62	Fixobar for M5 screws
100	0 364 63	Fixobar for M6 screws
20	0 364 66	Fixing accessories (continued) Adaptor For mounting on rail equipment fitting on rail Width 17mm Increase equipment height of 6mm
100	0 364 78	On rails EN 60 715 For M4 screws
100	0 364 79	For M6 screws
10	0 044 16	On rails EN 60 715 Claw width 10mm Threaded hole for M4 screw
50	0 044 17	Claw width 17.5mm Smooth hole 3.8mm Supplied with fixing screw Ø3.5mm Length 13mm
100	0 374 39	Claw width 35mm Holes for M4 and M6 screws
40	0 364 69	Fixomega for M4 screws
100	0 364 82	On C profile rail Stirrup for M6 screws
20	0 364 50	Cage nuts For mounting on square perforation 8.3 x 8.3mm M4
20	0 364 51	M5
20	0 364 52	M6
50	0 367 75	HF screw with contact washer 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



Pack	Cat.Nos	Ventilators with metal louvre
1	0 348 17	IP32 - IK10 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	0 365 71	30/160 m³/h : 30 m ³ installed with filter 160 m ³ for free blow-out Supplied with a pair of metal louvres, a pair of anti-insect grilles and an internal finger-guard grille
1	0 348 50	Ventilators with plastic louvre IP54 - IK08 230V - 50/60Hz RAL 7035 Equipped with finger-guard grilles Reduced external dimensions (7 to 10mm) Ventilator is mounted on the outside of the enclosure or cabinet Screw fixing on a panel width 1 to 4mm A second outlet louvre can be installed to increase the flow rate and optimise discharge rates from the enclosure
1	0 348 51	40/160m³/h 40m ³ installed with filter 45m ³ with second louvre Cat.No 0 348 34 160m ³ for free blow out Supplied with a pair of louvres 150 x 150mm equipped Electrostatic filter washable G3, acc. EN 779
1	0 348 51	120/160m³/h 120m ³ installed with filter 130m ³ with second louvre Cat.No 0 348 35 160m ³ for free blow out Supplied with a pair of louvres 250 x 250mm Media filter washable G3, acc. EN 779

Pack	Cat.Nos	Ventilators with plastic louvre (continued)
1	0 348 52	240/450m³/h 240m ³ installed with filter 260m ³ with second louvre Cat.No 0 348 35 450m ³ for free blow out Supplied with a pair of louvres 250 x 250mm Media filter washable G3, acc. EN 779
1	0 348 53	400/900m³/h 400m ³ installed with filter 450m ³ with second louvre Cat.No 0 348 36 900m ³ for free blow out Supplied with a pair of 325 x 325mm Media filter washable G3, acc. EN 779
1	0 348 54	550/1200m³/h 550m ³ installed with filter 620m ³ with second louvre Cat.No 0 348 36 1200m ³ for free blow out Supplied with a pair of louvres 325 x 325mm Media filter washable G3, acc. EN 779

Heat regulation for cabinets and enclosures

Ventilators (continued)



Pack	Cat.Nos	Air circulation kit 160m ³ /h
1	0 365 74	230V~ - 50/60Hz 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
1	0 348 07	Roof ventilators Plastic - RAL 7035 Provide very high extraction rate Screw mounting on top of enclosures Dimensions: 400x350x100mm Delivered without input air louvre IP23 - IK08 With motor
1	0 348 08	Free blowing (m ³ /h) Flow rate (m ³ /h) with 1 louvre Flow rate (m ³ /h) with 2 louvres Flow rate (m ³ /h) with 1 louvre Flow rate (m ³ /h) with 2 louvres Cat.No 0 348 35 Cat.No 0 348 35 Cat.No 0 348 36 Cat.No 0 348 36 Cat.No 0 348 36 600 350 400 400 450 1000 400 500 500 600

Pack	Cat.Nos	Natural ventilation
2	0 365 77	IP66 - IK08 ventilation glands for cabinets Polyamide PA 6 - RAL 7035 Drilling Ø40.5mm
2	0 365 78	IP44 - IK08 ventilation glands for cabinets For outdoor use Grey polyamide 6.6 Drilling Ø15mm
2	0 365 79	Drilling Ø30.5mm
1	0 348 04	Metal louvres IP32 - IK10 Set of 2 metal louvres + 2 anti-insect grilles RAL 7035 - 138 x 138mm
1	0 365 70	Beige RAL 7032 - 138 x 138mm
1	0 348 05	RAL 7035 - 248 x 248mm
1	0 348 16	Beige RAL 7032 - 248 x 248mm
1	0 348 34	Plastic louvres RAL 7035 Supplied singly IP44 - 150 x 150mm
1	0 348 35	IP54 - 250 x 250mm
1	0 348 36	IP54 - 325 x 325mm

Heat regulation for cabinets and enclosures

Heating and regulation



Pack	Cat.Nos	Heating												
		IP20 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 120V/240V~I=												
		<table border="1"> <thead> <tr> <th>Power (W)</th> <th>Start-up current (A)</th> </tr> </thead> <tbody> <tr> <td>20</td> <td>2.5</td> </tr> <tr> <td>50</td> <td>2.5</td> </tr> <tr> <td>100</td> <td>4.5</td> </tr> <tr> <td>150</td> <td>8.0</td> </tr> </tbody> </table>	Power (W)	Start-up current (A)	20	2.5	50	2.5	100	4.5	150	8.0		
Power (W)	Start-up current (A)													
20	2.5													
50	2.5													
100	4.5													
150	8.0													
		Pulsated air resistance heaters 230V~ Built-in temperature limiter Material: Polycarbonate UL 94 VO												
		<table border="1"> <thead> <tr> <th>Power (W)</th> <th>Start-up current (A)</th> <th>Thermostat</th> <th>Fan flow rate (m³/h)</th> </tr> </thead> <tbody> <tr> <td>150</td> <td>12</td> <td>without</td> <td>13</td> </tr> <tr> <td>350</td> <td>7.5</td> <td>0 to 60 °C with LED</td> <td>35</td> </tr> </tbody> </table>	Power (W)	Start-up current (A)	Thermostat	Fan flow rate (m³/h)	150	12	without	13	350	7.5	0 to 60 °C with LED	35
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150	12	without	13											
350	7.5	0 to 60 °C with LED	35											
1	0 353 06													
1	0 353 07													
1	0 353 08													
1	0 353 09													

Pack	Cat.Nos	Regulation (continued)
1	0 353 12	Hygrothermostat 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 230V~, 50/60Hz NO contact: 6A - 240 V~, 4A - 24V= NC contact: 8A, 240 V~, 4A, 24V= For fixing on rail Adjustable from 0°C to 60°C and from 50 % to 90 % relative humidity
1	0 363 13	Door contact For example, to cut off the air conditioning and the lighting supply as soon as the enclosure or cabinet door is opened 3A - 240V 1 NC contact + 1 NO contact For Atlantic and Marina cabinets Supplied with fixing lug

Pack	Cat.Nos	Regulation
		IP20 Thermostats Precision 0.5°C (neutral connected) Switching and control range: 2°C 230V - 50/60Hz NO contact: 5A, 250V~ NC contact: 10A, 250V~ Can be set to between 5 and 60°C with NC and NO contact
1	0 348 47	Mounted on rail
1	0 353 11	Hygrostat 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: 6A, 240V~, 4A, 24V= NC contact: 8A, 240V~, 4A, 24V= Mounted on rail Adjustable from 35 % to 100 % relative humidity

Plastic cable glands IP55

ISO and PG



Pack	Cat.Nos	Grey RAL 7035 cable glands																								
		Cable gland with flexible blades designed for commercial applications that require IP55 protection and a good hold on the cables																								
		ISO Conform to EN 50262																								
		<table border="1"> <thead> <tr> <th>ISO</th> <th>Clamping capacity</th> </tr> <tr> <th></th> <th>Ø Min. (mm) Ø Max. (mm)</th> </tr> </thead> <tbody> <tr> <td>12</td> <td>4 6.5</td> </tr> <tr> <td>16</td> <td>5 10</td> </tr> <tr> <td>20</td> <td>10 14</td> </tr> <tr> <td>25</td> <td>13 18</td> </tr> <tr> <td>32</td> <td>18 25</td> </tr> <tr> <td>40</td> <td>22 32</td> </tr> <tr> <td>50</td> <td>30 38</td> </tr> <tr> <td>63</td> <td>34 44</td> </tr> </tbody> </table>	ISO	Clamping capacity		Ø Min. (mm) Ø Max. (mm)	12	4 6.5	16	5 10	20	10 14	25	13 18	32	18 25	40	22 32	50	30 38	63	34 44				
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Pack	Cat.Nos	Grey RAL 7035 locking nuts																														
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Plastic cable glands IP55

ISO and PG

Cable glands

Characteristics

Halogen-free polyamide UL 94-V2
Operating temperature: - 20°C to + 80°C
Self-extinguishing 650°C according to IEC 60695-2-11

Dimensions (mm)

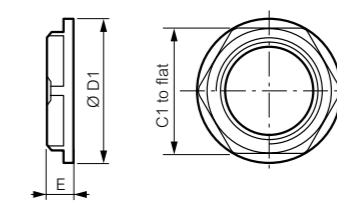
Cat.Nos	Threading	A max.	B	Ø D	C to flat	Ø E	Drilling Ø
0 968 00	ISO 12	23	8	19	16	11.8	12.7
0 968 01	ISO 16	28	15	25	22	15.8	16.2
0 968 03	ISO 20	34	15	29	26	19.9	20.4
0 968 05	ISO 25	36	15	35	30	24.8	25.4
0 968 06	ISO 32	40	15	46	42	31.6	32.5
0 968 07	ISO 40	47	18	53	52	39.8	40.5
0 968 08	ISO 50	48	18	65	58	49.8	50.8
0 968 09	ISO 63	55	18.5	71	66	62.6	64

Cat.Nos	Threading	A max.	B	Ø D	C to flat	Ø E	Drilling Ø
0 968 20	PG 7	23	8	17	15	12.1	12.7
0 968 21	PG 9	27	8	22	19	15.1	15.2
0 968 22	PG 11	31	8	25	22	18.2	18.6
0 968 23	PG 13.5	32	9	27	24	20.2	20.4
0 968 24	PG 16	32	10	29	27	22.3	22.5
0 968 25	PG 21	35	11	39	33	28.1	28.3
0 968 26	PG 29	41	11	46	42	36.9	37
0 968 27	PG 36	50	14.5	59	53	46.4	47
0 968 28	PG 42	52	14.5	66	59	53.5	54
0 968 29	PG 48	52	15.5	70	64	59.9	60

Locking nuts

Glass fiber polyamide

Dimensions (mm)



Cat.Nos	Threading	C1 to flat	E	Ø D1
0 968 40	ISO 12	17	5	19
0 968 41	ISO 16	22	5	24
0 968 43	ISO 20	26	6	28
0 968 45	ISO 25	32	6	35
0 968 46	ISO 32	42	7	46
0 968 47	ISO 40	50	7	56
0 968 48	ISO 50	60	8	66
0 968 49	ISO 63	75	8	81

Cat.Nos	Threading	C1 to flat	E	Ø D1
0 968 30	PG 7	19	5	21
0 968 31	PG 9	22	5	24
0 968 32	PG 11	24	5	26
0 968 33	PG 13.5	26	6	28
0 968 34	PG 16	32	6	35
0 968 35	PG 21	36	7	38
0 968 36	PG 29	46	7	51
0 968 37	PG 36	60	8	66
0 968 38	PG 42	64	8	72
0 968 39	PG 48	69	8	77

Plastic cable glands IP68

ISO and PG



Grey RAL 7001 cable glands

Anti-vibration mechanically tightened cable gland with neoprene weatherproof seal for IP68 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 and locking nut mounted.

Pack	Cat.Nos	ISO	Clamping capacity	
			Ø Min. (mm)	Ø Max. (mm)
25	0 980 00	12	3	6.5
25	0 980 01	16	4	8
25	0 980 03	20	6	12
10	0 980 05	25	12	18
5	0 980 06	32	18	25
3	0 980 07	40	22	32
2	0 980 08	50	30	38
2	0 980 09	63	34	44

Pack	Cat.Nos	PG	Clamping capacity	
			Ø Min. (mm)	Ø Max. (mm)
25	0 980 20	7	3	6.5
25	0 980 21	9	4	8
25	0 980 22	11	5	10
25	0 980 23	13.5	6	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.

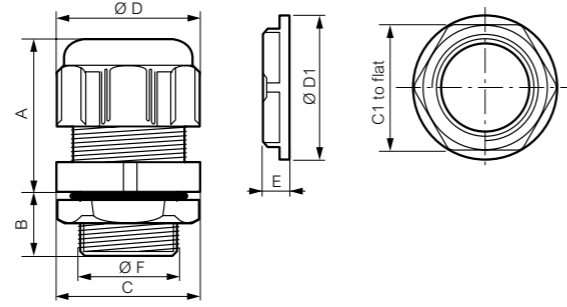
50	0 980 41	ISO 16
50	0 980 43	ISO 20
50	0 980 45	ISO 25
25	0 980 46	ISO 32
25	0 980 47	ISO 40

Plastic cable glands IP68

Cable glands

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)



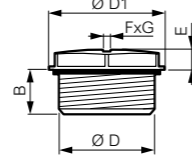
Cat.Nos	Threading	A	B	Ø D	C (to flat)	Ø F	Drilling Ø	C1	E	Ø D1
0 980 00	ISO 12	22	10	16.8	15	11.9	12.7	19	5	21
0 980 01	ISO 16	26	10	21	19	15.9	16.2	22	5	24
0 980 03	ISO 20	29	12	26.5	24	19.8	20.4	26	6	28
0 980 05	ISO 25	35	15	36	33	24.8	25.4	32	6	35
0 980 06	ISO 32	40	15	46.5	42	31.6	32.5	42	7	43
0 980 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

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

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

Metal cable glands IP68

ISO and PG



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.

Conform to EN 50262

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

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
20	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 DIN	35	48

Metal locking nuts

ISO

50	3 866 31	ISO 16
50	3 866 32	ISO 20
50	3 866 33	ISO 25
50	3 866 34	ISO 32
25	3 866 35	ISO 40
10	3 866 36	ISO 50
10	3 866 37	ISO 63

PG

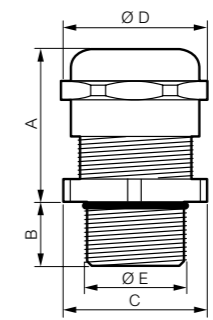
50	3 866 21	PG 7
50	3 866 22	PG 9
50	3 866 23	PG 11
50	3 866 24	PG 13.5
50	3 866 25	PG 16
50	3 866 26	PG 21
25	3 866 27	PG 29
25	3 866 28	PG 36
10	3 866 29	PG 42
10	3 866 30	PG 48

Metal cable glands IP68

Cable glands

Characteristics
Nickel-plated brass (locking part in polyamide)
Operating temperature: - 25°C + 85°C

Dimensions (mm)



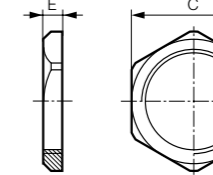
Cat.Nos	Threading	A max.	B	Ø D	C (to flat)	Ø E	Drilling Ø
0 955 01	ISO 16	25	5	19	17	15.9	16.2
0 955 03	ISO 20	27	6	24	22	19.8	20.4
0 955 05	ISO 25	27	7	30	27	24.6	25.4
0 955 06	ISO 32	31	8	36	34	31.6	32.5
0 955 07	ISO 40	34	8	46	42	39.7	40.5
0 955 08	ISO 50	37	9	60	55	49.7	50.8
0 955 09	ISO 63	45	10	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)

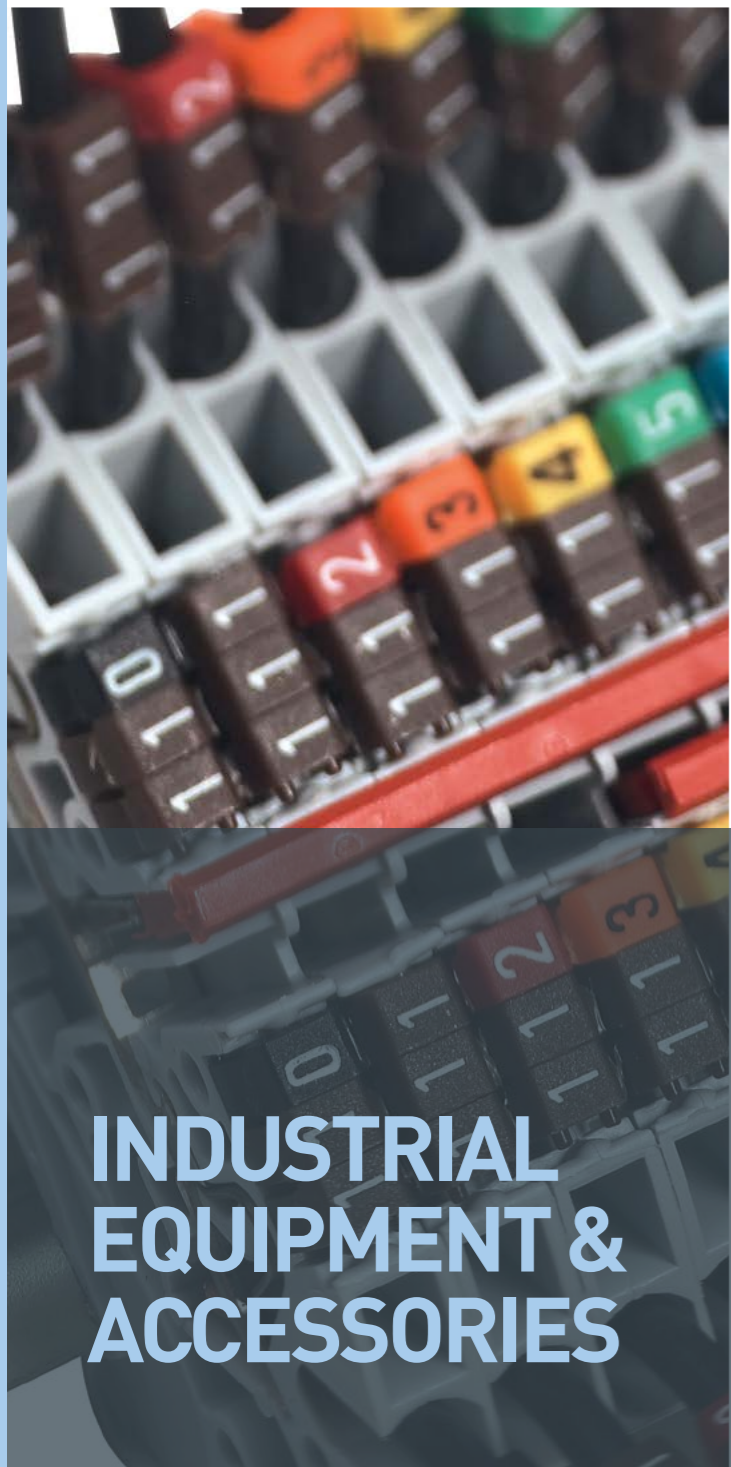


ISO

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



INDUSTRIAL EQUIPMENT & ACCESSORIES

Cabling components & marking systems

P. 230
Colring cable ties

P. 238
Viking 3 terminal blocks with screw connection

P. 240
Viking 3 terminal blocks with spring connection

P. 242
Accessories for Viking 3 terminal blocks

P. 245
Viking 3 power terminal blocks

P. 246
Starfix ferrules & crimping tools

P. 248
CAB 3 marking system

P. 251
Memocab marking system

P. 253
Transcab cable ducting

P. 254
Lina 25 cable ducting

Control and signalling devices, transformers & power supplies

P. 256
Osmoz non-illuminated heads control & signalling units

P. 257
Osmoz illuminated heads control & signalling units

P. 262
Cam switches

P. 266
Control & circuit isolation transformers

P. 267
Equipment transformers

P. 268
IP55 transformers & auto-transformers

P. 274
Stabilised switched mode power supplies

P. 276
Filtered & rectified power supplies

Electric vehicle sockets, industrial sockets & other equipment

P. 280
P 17 Tempra Pro IP 44 - 16/32 A industrial sockets & plugs

P. 282
P 17 Tempra Pro IP66/67 - 16/32 A industrial sockets & plugs

P. 283
P 17 Tempra Pro IP66/67 - 63/125A industrial sockets & plugs

P. 284
P 17 Tempra combined units to be composed

P. 288
Hybra IP44 16/32/63 A industrial sockets & plugs

P. 291
Hybra IP66/67 16/32/63/125A industrial sockets & plugs

P. 292
Bells for industrial & alarm use



Stabilised switched mode power supplies (p. 274)



P 17 Tempra Pro industrial sockets & plugs IP66/67 - 63/125A (p. 283)

Colring™ equipment cable ties



For series assembly of electrical cables
With self blocking head and internal teeth
Conform to IEC/EN 62275 (NFC 68-146)

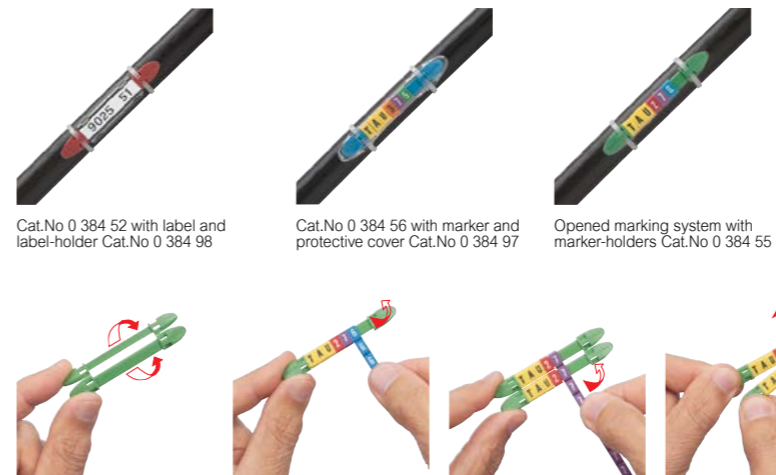
Pack	Cat.Nos	Colring colourless cable ties			
Blister packing 100 pcs					
		Width (mm)	Flat length (mm)	Max.	Min.
10000	0 320 30	2.4	95	18	1.6
10000	0 320 31	2.4	140	33	1.6
6000	0 320 32	2.4	180	46	1.6
4000	0 320 37	3.5	140	33	1.6
4000	0 320 38	3.5	180	46	1.6
2000	0 320 39	3.5	280	77	1.6
2000	0 320 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	166	4.8
1000	0 320 46 ²	9	760	218	14
500	0 320 48 ²	9	810	246	14
500	0 320 51 ²	12.6	1030	317	20
Sachet packing 100 pcs					
8000	0 318 20	2.4	95	18	1.6
4000	0 318 21	2.4	140	33	1.6
4000	0 318 22	2.4	180	46	1.6
4000	0 318 23	3.5	140	33	1.6
4000	0 318 24	3.5	180	46	1.6
4000	0 318 25	3.5	280	77	1.6
3000	0 318 26	3.5	360	102	1.6
4000	0 318 27	4.6	180	46	1.6
3000	0 318 28	4.6	280	77	1.6
2500	0 318 29	4.6	360	102	1.6
100	0 318 33	4.6	430	125	1.6
1500	0 318 34	7.6	290	78	4.8
1000	0 318 31	7.6	360	98	4.8
100	0 318 35	7.6	550	166	4.8
100	0 318 32 ¹	7.6	720	218	4.8
100	0 318 36	9	710	218	14

Pack	Cat.Nos	Identification colourless cable ties			
Sachet packing 100 pcs					
		Width (mm)	Flat length (mm)	Max.	Min.
3000	0 320 61 ¹	2.4	95	18	1.6
2500	0 320 63 ¹	4.6	180	46	9.5
Colring black cable ties					
High temperature UV protected					
Blister packing 100 pcs Except Cat.Nos 0 320 25 to 0 320 29: Sachet packing (50 pcs for Cat.No 0 320 28)					
		Width (mm)	Flat length (mm)	Max.	Min.
1000	0 320 12	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	166	4.8
100	0 320 26 ²	9	760	218	14
500	0 320 27 ²	9	810	246	14
500	0 320 28 ²	12.6	1030	317	20
Sachet packing 100 pcs					
8000	0 318 00	2.4	95	18	1.6
4000	0 318 01	2.4	140	33	1.6
4000	0 318 02	2.4	180	46	1.6
4000	0 318 03	3.5	140	33	1.6
4000	0 318 04	3.5	180	46	1.6
4000	0 318 05	3.5	280	77	1.6
3000	0 318 06	3.5	360	102	1.6
4000	0 318 07	4.6	180	46	1.6
3000	0 318 08	4.6	280	77	1.6
2500	0 318 09	4.6	360	102	1.6
100	0 318 13	4.6	430	125	1.6
1500	0 318 14	7.6	290	78	4.8
1000	0 318 11	7.6	360	98	4.8
100	0 318 15	7.6	550	166	4.8
100	0 318 12 ¹	7.6	720	218	4.8
1000	0 318 16	9	710	218	14

1: Non orientated head
2: Sachet packing 100 pcs
3: Non orientated head and sachet packing 100 pcs

Duplix™ marking system

For cables



Clip-on marking system
Opened or closed marking system, with markers or labels

Pack	Cat.Nos	Marker-holders	
		7 markers	14 markers
100	0 384 50	0 384 60	
100	0 384 52	0 384 62	
100	0 384 54	0 384 64	
100	0 384 55	0 384 65	
100	0 384 56	0 384 66	
Fitted using Colring 2.4 and 3.5mm cable ties			
<ul style="list-style-type: none"> ● Black ● Red ● Yellow ● Green ● Blue 			
Markers			
Price per marker			
Numbers:			
Black or white marking on colour background (international colour code)			
Supplied by packs of 40 x 20 markers			
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			
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	

Pack	Cat.Nos	Markers (continued)	
Conventional symbols:			
Black on a yellow background			
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	±	
600	0 384 99	Blank	
Set of Duplix markers			
100 pieces of each number from 0 to 9			
Accessories			
Label-holder			
Clips onto marker-holders Duplix or on end cap Cat.No 0 375 13			
Holds and protects labels (length up to 36mm, width 9mm)			
UV protective cover			
Enables closed cable marking system Clips onto label-holders for 7 markers			

Colring™ equipment cable ties

TERMINAL BLOCKS

Performance

Conform to IEC/EN 62275 (NFC 68-146)
 "cable ties for electrical installations"
 Recognized UL 62275 approval except Cat.Nos 0 318 12/32

Ratchet / tensile strength and temperature resistance

Cat.Nos	Ratchet force (daN)	Φ test (mm)	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								
0 320 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	-15	-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	75	-15	-10	2/21	
0 320 46	2	38	77	75	-15	-10	2/21	
0 320 48	2	38	77	75	-15	-10	2/21	
0 320 51	2	38	111	75	-15	-10	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	-15	0	2/21	
0 320 26	2	38	77	85	-15	0	2/21	
0 320 27	2	38	77	85	-15	0	2/21	
0 320 28	2	38	111	85	-15	0	2/21	

Cat.Nos	Ratchet force (daN)	Min tensile strength (daN)	Temperature resistance			Type according to IEC/UL 62275
			Max. operating temperature (°C)	Min. operating temperature (°C)	Min. installation temperature (°C)	
Colourless Colring cable ties						
0 318 20	1	8	75	-15	-10	2/21
0 318 21	1	8	75	-15	-10	2/21
0 318 22	1	8	75	-15	-10	2/21
0 318 23	1	13	75	-15	-10	2/21
0 318 24	1	13	75	-15	-10	2/21
0 318 25	1	13	75	-15	-10	2/21
0 318 26	1	13	75	-15	-10	2/21
0 318 27	1.5	22	75	-15	-10	2/21
0 318 28	1.5	22	75	-15	-10	2/21
0 318 29	1.5	22	75	-15	-10	2/21
0 318 33	1.5	22	75	-15	-10	2/21
0 318 34	2	53	75	-15	-10	2/21
0 318 31	2	53	75	-15	-10	2/21
0 318 35	2	53	75	-15	-10	2/21
0 318 32	2	53	75	-15	-10	1/-
0 318 36	2	77	75	-15	-10	2/21
Black Colring cable ties						
0 318 00	1	8	85	-15	0	2/21
0 318 01	1	8	85	-15	0	2/21
0 318 02	1	8	85	-15	0	2/21
0 318 03	1	13	85	-15	0	2/21
0 318 04	1	13	85	-15	0	2/21
0 318 05	1	13	85	-15	0	2/21
0 318 06	1	13	85	-15	0	2/21
0 318 07	1.5	22	85	-15	0	2/21
0 318 08	1.5	22	85	-15	0	2/21
0 318 09	1.5	22	85	-15	0	2/21
0 318 13	1.5	22	85	-15	0	2/21
0 318 14	2	53	85	-15	0	2/21
0 318 11	2	53	85	-15	0	2/21
0 318 15	2	53	85	-15	0	2/21
0 318 12	2	53	85	-15	0	1/-
0 318 16	2	77	85	-15	0	2/21

External agents resistance

- Good resistance to bases, oils, greases, petroleum products, chlorinated solvents
- Humidity retention: 1.5% ≤ humidity retention ≤ 3%

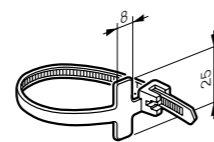
Fire resistance

- 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)

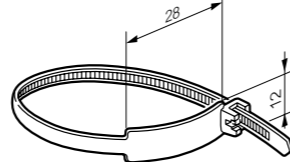
Dimensions

Identification cable ties

Cat.No 0 320 61

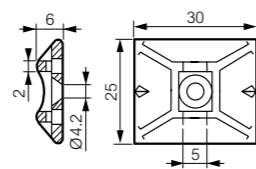


Cat.No 0 320 63

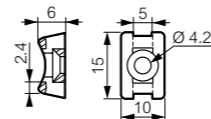


Accessories

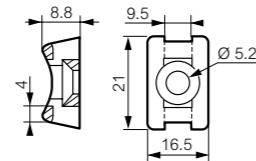
Cat.Nos 0 320 65/67



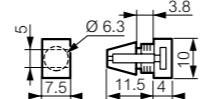
Cat.No 0 320 70



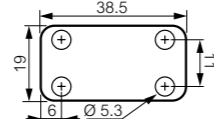
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Cat.No 0 320 76



Cat.No 0 320 85



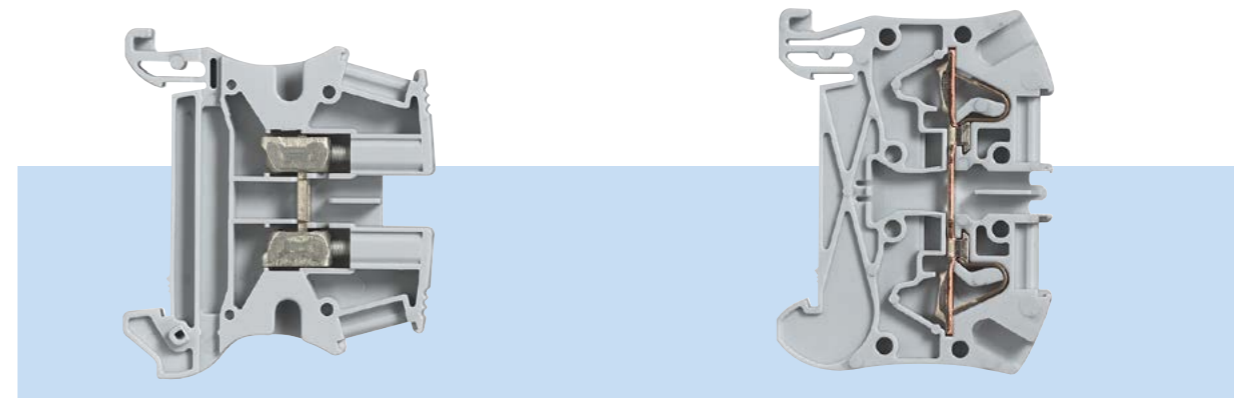
Example of use



Duplex marker holders Cat.No 0 384 52, attached using 2 Colring cable ties Cat. No 0 320 31, equipped with labels

VIKING™ 3

Screw or automatic connection



SCREW CONNECTION

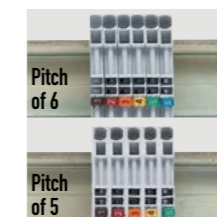
- High contact pressure
- Excellent mechanical strength
- Permissible cross-sections: 0.25mm² to 70mm² (flexible wire) and 0.25mm² to 95mm² (rigid wire)
- Identical height for blocks of 16mm² to 70mm²



Single end caps for pitches of 5 to 10.

AUTOMATIC CONNECTION

- No tool required for connection
- Constant contact pressure
- Permissible cross-sections: 0.5mm² to 16mm² 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.



Addition of functions on module for equipping: standard, neutral or protected isolation, mini-circuit-breaker, automotive-type fuse, etc.

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

Viking™ 3 terminal blocks with screw connection and accessories

For copper cables


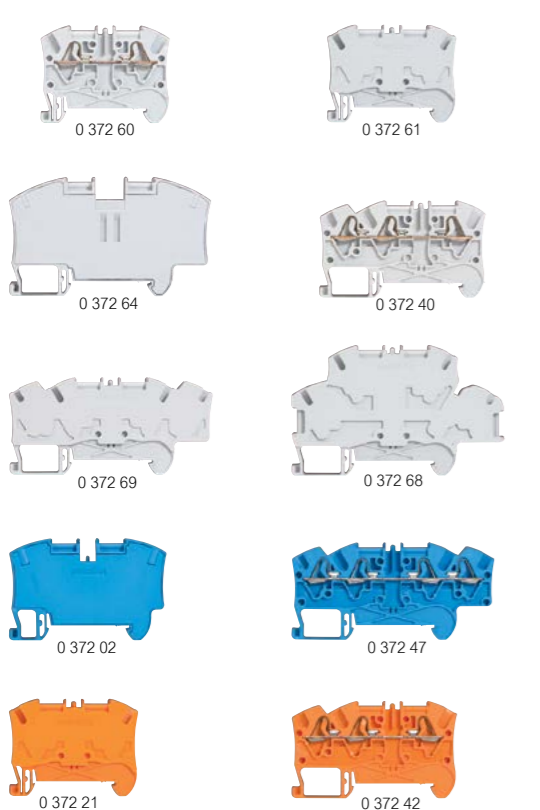

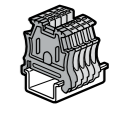

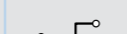


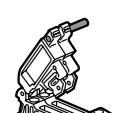
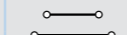
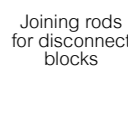
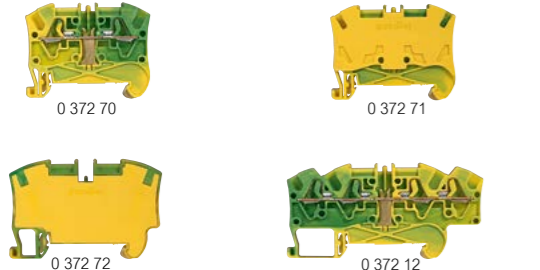
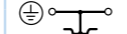
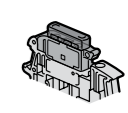
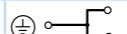
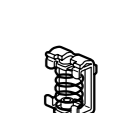
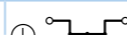

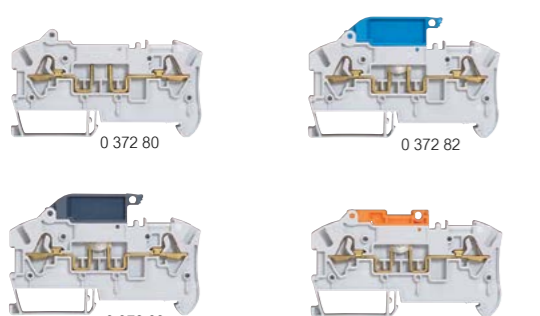
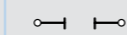
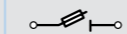


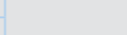
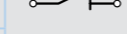
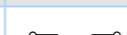
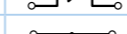
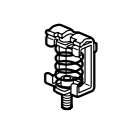
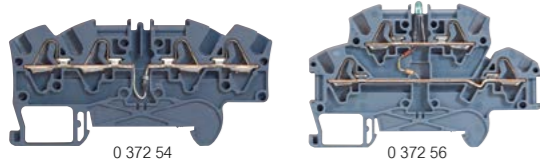
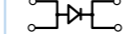
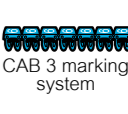
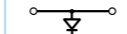

			ELECTRICAL FUNCTION	TERMINAL BLOCKS				INSULATION		EQUIPOTENTIAL LINK			PROTECTION		MEASUREMENT	ASSOCIATED PRODUCTS		
Image	Description	Electrical Symbol		Nominal cross-section (mm ²)	Pitch (mm)	Colour	Cat. Nos	End cap	Separation and insulation divider	Automatic insertion bridging comb			Single pole screen	Cut to length screen	Test socket			
			2 red blocks	10 red blocks	10 blue blocks	Comb for 12 blocks, side	Bar for 12 blocks, front											
	Connecting		1 connection - 1 entry/1 outlet	2.5	5	● 0 371 60 ● 0 371 00 ● 0 371 20 ● 0 371 30 ● 0 371 61 ● 0 371 01 ● 0 371 21 ● 0 371 31 ● 0 371 77 ● 0 371 62 ● 0 371 02 ● 0 371 78 ● 0 371 63 ● 0 371 03 ● 0 371 64 ● 0 371 04 ● 0 371 98 ● 0 371 65 ● 0 371 05 ● 0 371 99	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⁾		
			4	6	● 0 371 21 ● 0 371 31 ● 0 371 77 ● 0 371 62 ● 0 371 02 ● 0 371 78 ● 0 371 63 ● 0 371 03 ● 0 371 64 ● 0 371 04 ● 0 371 98 ● 0 371 65 ● 0 371 05 ● 0 371 99	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 02 ● 0 371 78 ● 0 371 63 ● 0 371 03 ● 0 371 64 ● 0 371 04 ● 0 371 98 ● 0 371 65 ● 0 371 05 ● 0 371 99	0 375 50 ⁽²⁾	0 375 60	0 375 07 ⁽⁶⁾ 0 375 08 ⁽⁶⁾					0 375 66	0 375 68	0 375 27			
			10	10	● 0 371 63 ● 0 371 03 ● 0 371 64 ● 0 371 04 ● 0 371 98 ● 0 371 65 ● 0 371 05 ● 0 371 99	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 ● 0 371 65 ● 0 371 05 ● 0 371 99	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 ● 0 371 69 ● 0 371 09 ● 0 371 67 ● 0 371 07 ● 0 371 68 ● 0 371 08	built-in	0 375 52	0 375 62	0 375 05	0 375 04 ●	0 375 03 ●							0 375 27 ⁽⁷⁾
			2.5	5	● 0 371 67 ● 0 371 07 ● 0 371 68 ● 0 371 08	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⁾
			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⁾
	For protection conductor		1 connection - 1 entry/1 outlet - metal base	2.5	5	● 0 371 70	0 375 50 ⁽²⁾											
			4	6	● 0 371 71													
			6	8	● 0 371 72													
			10	10	● 0 371 73													
			16	12	● 0 371 74													
			35	15	● 0 371 75													
			35	15	0 371 76													
4	6	● 0 371 79	0 375 52															
	Disconnect		1 connection	2.5	6	● 0 371 80 ● 0 371 81 ● 0 371 81 + 0 375 24/25 ⁽¹⁾ ● 0 371 82 ● 0 371 83 ● 0 371 84 ● 0 371 85 ● 0 371 86 ● 0 371 87	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 handle lever															
			For fuse cartridge 5 x 20 with handle lever + blown fuse indicator															
			For neutral circuit with handle lever															
			For standard circuit															
			For circuit not broken															
			For fuse cartridge 5 x 20 with screwed plug															
			Modular															
	Function blocks		1 connection	2.5	5	● 0 371 53 ● 0 371 54	0 375 55		0 375 02	0 375 01 ●	0 375 00 ●				0 375 27 ⁽⁷⁾			
			Diode carrier 1N4007															
			2 connections on 2 levels	4	6	● 0 371 55 ● 0 371 56	0 375 53	0 375 63	0 375 05	0 375 04 ●	0 375 03 ●					0 375 27 ⁽³⁾⁽⁷⁾		
	For sensor and actuator		3 connections on 3 levels	2.5	5	● 0 371 51 ● 0 371 52 ● 0 371 92	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⁾			
			Sensor															
			Actuator															
	PNE		Phase/Neutral/Earth															
			Measurement	1 connection	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

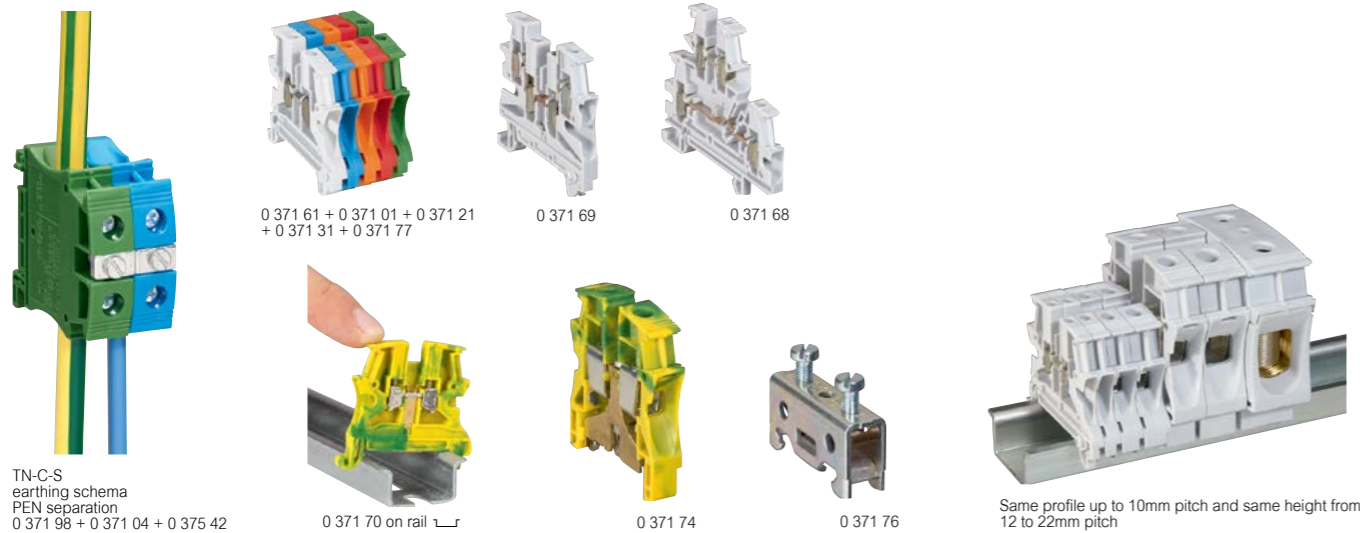
For copper cables

		ELECTRICAL FUNCTION	TERMINAL BLOCKS				INSULATION		EQUIPOTENTIAL LINK			MEASUREMENT	ASSOCIATED PRODUCTS				
			Nominal cross-section (mm ²)	Pitch (mm)	Colour	Cat.Nos	End cap	Separation and insulation divider	Automatic insertion bridging comb			Test socket					
								2 red blocks	10 red blocks	10 blue blocks							
	Connecting	1 connection - 2 wires - 1 entry/1 outlet		4	5	● 0 372 60 ● 0 372 00 ● 0 372 20	0 375 86	0 375 95	0 375 02 ⁽⁴⁾	0 375 01 ● ⁽⁴⁾	0 375 00 ● ⁽⁴⁾	0 375 27 ⁽⁶⁾	 End stops				
				4	6	● 0 372 61 ● 0 372 01 ● 0 372 21	built-in	0 375 95	0 375 05	0 375 04 ●	0 375 03 ●	0 375 27 ⁽⁶⁾		 Label holder for end stop			
				6	8	● 0 372 62 ● 0 372 02	built-in		0 375 07/08 ⁽⁵⁾			0 375 27					
								10	10	● 0 372 63 ● 0 372 03	built-in		0 375 82				
								16	12	● 0 372 64 ● 0 372 04	built-in		0 375 85				
						1 connection - 3 wires - 1 entry/2 outlets		4	5	● 0 372 40 ● 0 372 41 ● 0 372 42	0 375 87	0 375 95	0 375 02 ⁽⁴⁾	0 375 01 ● ⁽⁴⁾	0 375 00 ● ⁽⁴⁾	0 375 27 ⁽⁶⁾	 Handle lever mini lever
								4	6	● 0 372 43 ● 0 372 44	built-in	0 375 95	0 375 05	0 375 04 ●	0 375 03 ●	0 375 27 ⁽⁶⁾	
						1 connection - 4 wires - 2 entries/2 outlets		4	5	● 0 372 46 ● 0 372 47	0 375 88	0 375 95	0 375 02 ⁽⁴⁾	0 375 01 ● ⁽⁴⁾	0 375 00 ● ⁽⁴⁾	0 375 27 ⁽⁶⁾	 Joining rods for disconnect blocks
								4	6	● 0 372 69 ● 0 372 09	built-in		0 375 05	0 375 04 ●	0 375 03 ●	0 375 27 ⁽⁶⁾	
						2 connections - 4 wires - 2 levels		4	5	● 0 372 67 ● 0 372 07	0 375 89	0 375 96	0 375 02 ⁽⁴⁾	0 375 01 ● ⁽⁴⁾	0 375 00 ● ⁽⁴⁾	0 375 27 ⁽³⁾⁽⁶⁾	 Blown fuse indicators
								4	6	● 0 372 68 ● 0 372 08	built-in	0 375 96	0 375 05	0 375 04 ●	0 375 03 ●	0 375 27 ⁽³⁾⁽⁶⁾	
					For protection conductor	1 connection - 2 wires - 1 entry/1 outlet - metal base		4	5	● 0 372 70	0 375 86						 Shielding
			4			6	● 0 372 71	built-in									
						6	8	● 0 372 72									
						10	10	● 0 372 73									
		1 connection - 3 wires - 1 entry/2 outlets - metal base				4	5	● 0 372 10	0 375 87						 Blown fuse indicators		
						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						 Blown fuse indicators				
				4	6	● 0 372 79	built-in										
	Disconnect	1 connection 2 wires	Open (to be equipped)  For fuse cartridge 5 x 20 with handle lever  For fuse cartridge 5 x 20 with handle lever + blown fuse indicator  For neutral circuit with handle lever  For standard circuit With handle lever  With mini lever  For circuit not broken With handle lever  With mini lever 	2.5	6	● 0 372 80 ● 0 372 81 ● 0 372 81 + 0 375 24/25 ⁽¹⁾ ● 0 372 82 ● 0 372 83 ● 0 372 84 ● 0 372 85 ● 0 372 86	0 375 90	0 375 90	0 375 05	0 375 04 ●	0 375 03 ●	0 375 27 ⁽⁶⁾	 Shielding				
					Function blocks	1 connection 4 wires 2 entries/2 outlets	Diode carrier 1N4007 	4	5	● 0 372 54	0 375 88	0 375 95					 CAB 3 marking system
						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⁾		
							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

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

Used to make the electrical connection between 2 flexible copper wires with or 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 \perp depth 15mm, \perp EN 60715 depth 7.5mm and 15mm

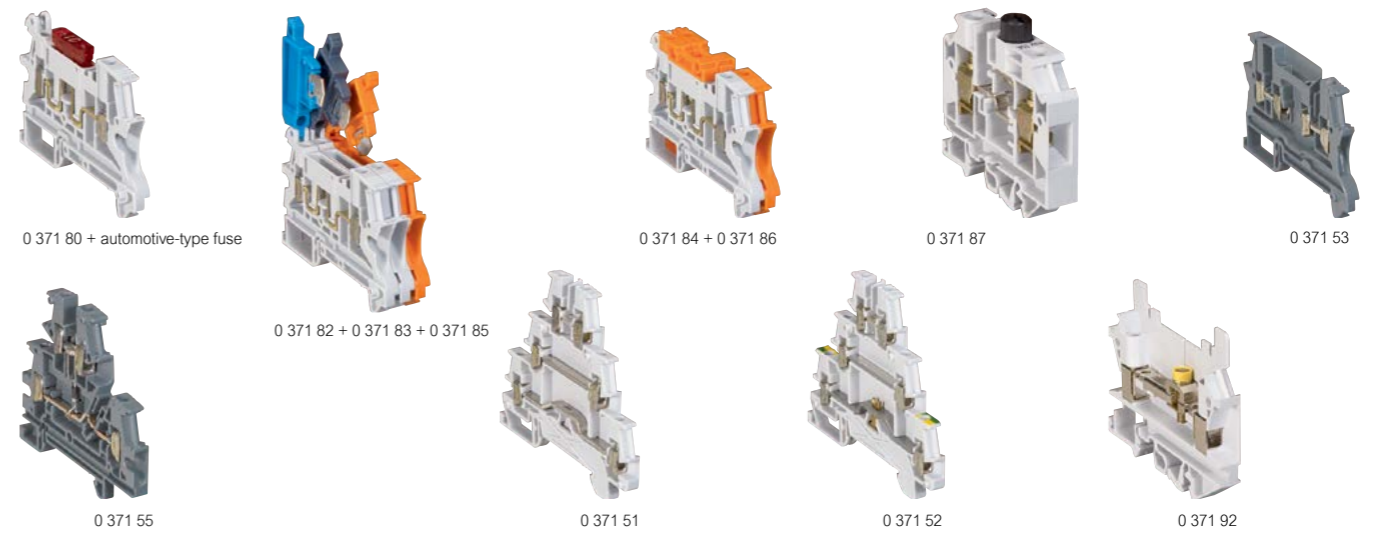
Pack	Cat.Nos	Connecting	Nominal cross-section (mm²)	Rigid wire (mm²)	Capacity Flexible wire (mm²) with or without ferrules	Pitch (mm)
60	0 371 60	Grey for standard circuit, blue for neutral conductor, orange for circuit not broken by the master isolating device, red for special circuits (safety, protected, etc), green for protection conductor class II equivalent assemblies	2.5	0.25 to 4	0.25 to 2.5	5
60	0 371 00					
60	0 371 20					
60	0 371 30					
50	0 371 61	Grey	4	0.25 to 6	0.25 to 4	6
50	0 371 01					
50	0 371 21					
50	0 371 31					
50	0 371 77	Green	6	0.5 to 10	0.25 to 6	8
40	0 371 62					
40	0 371 02					
40	0 371 78					
30	0 371 63	Grey	10	1.5 to 16	2.5 to 10	10
30	0 371 03					
20	0 371 64					
20	0 371 04					
20	0 371 98	Green	16	1.5 to 25	4 to 16	12
20	0 371 65					
20	0 371 05					
20	0 371 99					
10	0 371 66 ¹	Grey	70	25 to 95	16 to 70	22
25	0 371 69					
25	0 371 09					
60	0 371 67					
60	0 371 07	Grey	2.5	0.25 to 4	0.25 to 2.5	5
60	0 371 68					
60	0 371 08					
60	0 371 08					
50	0 371 51 ²	Grey	2.5	0.25 to 4	0.25 to 2.5	5
50	0 371 51 ²					
50	0 371 51 ²					

Pack	Cat.Nos	For protection conductor	Nominal cross-section (mm²)	Rigid wire (mm²)	Capacity Flexible wire (mm²) with or without ferrules	Pitch (mm)
60	0 371 70	Metal base 1 connection - 1 entry/1 outlet Screwless fixing on rail up to 10mm pitch and with screws for pitch 12 and 15mm PEN from 10mm ²	2.5	0.25 to 4	0.25 to 2.5	5
50	0 371 71		4	0.25 to 6	0.25 to 4	6
40	0 371 72		6	0.5 to 10	0.25 to 6	8
30	0 371 73		10	1.5 to 16	2.5 to 10	10
10	0 371 74		16	1.5 to 25	4 to 16	12
10	0 371 75	35	2.5 to 50	4 to 35	15	
10	0 371 76	-	35	2.5 to 50	4 to 35	15
50	0 371 79	1 connection - bare block Screwless fixing on rail	4	0.25 to 6	0.25 to 4	5
50	0 371 52 ²	PNE - Phase/Neutral/Earth 3 connections on 3 levels Metal base Green/yellow marking for the lower level Screwless fixing on rail	2.5	0.25 to 4	0.25 to 2.5	5

1: Built-in end cap
2: Rigid wire capacity: 2.5mm² max. with equipotential bridging comb

Viking™ 3 terminal blocks with screw connection

For copper cables (continued)



Used to make the electrical connection between 2 flexible copper wires with or 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 \perp depth 15mm, \perp EN 60715 depth 7.5mm and 15mm

Pack	Cat.Nos	Disconnect terminal blocks 1 connection	Nominal cross-section (mm²)	Rigid wire (mm²)	Capacity Flexible wire (mm²) with or without ferrules	Pitch (mm)	
20	0 371 80	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	2.5	0.25 to 2.5	0.25 to 2.5	6	
20	0 371 81		For fuse cartridge 5 x 20 with handle lever Grey	2.5	0.25 to 2.5	0.25 to 2.5	6
20	0 371 82		For neutral circuit with blue handle lever Grey/blue	2.5	0.25 to 2.5	0.25 to 2.5	6
20	0 371 83		For standard circuit with handle lever Grey	2.5	0.25 to 2.5	0.25 to 2.5	6
20	0 371 84	For standard circuit with mini lever Grey	2.5	0.25 to 2.5	0.25 to 2.5	6	
20	0 371 85	For circuit not broken with handle lever Circuit not broken by the master isolating device Orange	2.5	0.25 to 2.5	0.25 to 2.5	6	
20	0 371 86	For circuit not broken with mini lever Circuit not broken by the master isolating device Orange	2.5	0.25 to 2.5	0.25 to 2.5	6	
20	0 371 87	For cartridge 5 x 20 with screwed plug Grey	10	0.25 to 10	0.25 to 10	12	

Pack	Cat.Nos	Function blocks	Nominal cross-section (mm²)	Rigid wire (mm²)	Capacity Flexible wire (mm²) with or without ferrules	Pitch (mm)
20	0 371 53	1 connection - modular Component connected with screws	2.5	0.25 to 4	0.25 to 2.5	5
20	0 371 54		1 connection - diode carrier Grey	2.5	0.25 to 4	0.25 to 2.5
60	0 371 55	2 connections on 2 levels - diode carrier 2 connections on 2 levels - with LED Voltage presence indicator (12/24V _{DC} and ~)	4	0.25 to 6	0.25 to 4	6
60	0 371 56		Grey	4	0.25 to 6	0.25 to 4

Pack	Cat.Nos	For sensors and actuators	Nominal cross-section (mm²)	Rigid wire (mm²)	Capacity Flexible wire (mm²) with or without ferrules	Pitch (mm)
50	0 371 51 ¹	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	2.5	0.25 to 4	0.25 to 2.5	5
50	0 371 52 ¹		3 connections on 3 levels - for actuator Green/yellow marking for the lower level Metal base. Screwless fixing on rail Grey	2.5	0.25 to 4	0.25 to 2.5
25	0 371 92	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	4	0.25 to 4	0.25 to 4	8

1: Rigid wire capacity: 2.5mm² max with equipotential bridging comb

Viking™ 3 terminal blocks with spring connection

For copper cables



Automatic insertion of flexible wire with ferrule cap or rigid wire up to pitch of 6mm

0 372 70 Automatic fixing on rail

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
Direct tool-free insertion of a rigid wire or flexible wire with ferrule, up to 6mm pitch
2 areas for automatic insertion bridging combs (upper level only for 2-level blocks)
For rails depth 15mm, EN 60715 depth 7.5mm and 15mm

Pack	Cat.Nos	Connecting	Nominal cross-section (mm²)	Rigid wire (mm²)	Flexible wire (mm²)	Flexible wire with ferrule (mm²)	Pitch (mm)
		Grey for standard circuit, blue for neutral conductor, orange for circuit not broken by the master isolating device					
		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	4	0.5 to 6	0.5 to 4	0.5 to 2.5	5
60	0 372 20	Orange	4	0.5 to 6	0.5 to 4	0.5 to 2.5	5
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	4	0.5 to 6	0.5 to 4	0.5 to 4	6
50	0 372 21 ¹	Orange	4	0.5 to 6	0.5 to 4	0.5 to 4	6
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	6	0.5 to 6	0.5 to 6	0.5 to 6	8
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	0.75 to 10	0.75 to 10	0.75 to 10	10
10	0 372 64 ¹	Grey	16	4 to 16	4 to 16	4 to 16	12
10	0 372 04 ¹	Blue	16	4 to 16	4 to 16	4 to 16	12
		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	4	0.5 to 6	0.5 to 4	0.5 to 2.5	5
60	0 372 42	Orange	4	0.5 to 6	0.5 to 4	0.5 to 2.5	5
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	4	0.5 to 6	0.5 to 4	0.5 to 4	6
		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	4	0.5 to 6	0.5 to 4	0.5 to 2.5	5
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	4	0.5 to 6	0.5 to 4	0.5 to 4	6
		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	4	0.5 to 6	0.5 to 4	0.5 to 2.5	5
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	4	0.5 to 6	0.5 to 4	0.5 to 4	6



Pack	Cat.Nos	For protection conductor	Nominal cross-section (mm²)	Rigid wire (mm²)	Flexible wire (mm²)	Flexible wire with ferrule (mm²)	Pitch (mm)
		Metal base Screwless fixing on rail PEN from 10mm²					
		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



Viking™ 3 terminal blocks with spring connection

For copper cables (continued)

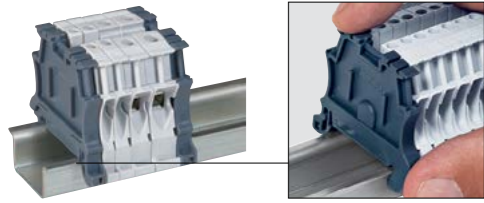


Screwless connection system, stainless steel spring type
Used to make the electrical connection between 2 rigid copper wires, or flexible copper wires with or without ferrules
Direct tool-free insertion of a rigid wire or flexible wire with ferrule, up to 6mm pitch
2 areas for automatic insertion bridging combs (upper level only for 2-level blocks)
For rails depth 15mm, EN 60715 depth 7.5mm and 15mm

Pack	Cat.Nos	Disconnect terminal blocks 1 connection - 2 wires	Nominal cross-section (mm²)	Rigid wire (mm²)	Flexible wire (mm²)	Flexible wire with ferrule (mm²)	Pitch (mm)
		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					
20	0 372 80	Grey	2.5	0.5 to 2.5	0.5 to 2.5	0.5 to 2.5	6
20	0 372 81	Grey	2.5	0.5 to 2.5	0.5 to 2.5	0.5 to 2.5	6
20	0 372 82	Grey/blue	2.5	0.5 to 2.5	0.5 to 2.5	0.5 to 2.5	6
20	0 372 83	Grey	2.5	0.5 to 2.5	0.5 to 2.5	0.5 to 2.5	6
20	0 372 84	Grey	2.5	0.5 to 2.5	0.5 to 2.5	0.5 to 2.5	6
20	0 372 85	Orange	2.5	0.5 to 2.5	0.5 to 2.5	0.5 to 2.5	6
20	0 372 86	Orange	2.5	0.5 to 2.5	0.5 to 2.5	0.5 to 2.5	6

Pack	Cat.Nos	Function blocks	Nominal cross-section (mm²)	Rigid wire (mm²)	Flexible wire (mm²)	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
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 - 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 _{DC} et ~)					
60	0 372 56	Grey	4	0.5 to 6	0.5 to 4	0.5 to 2.5	5

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

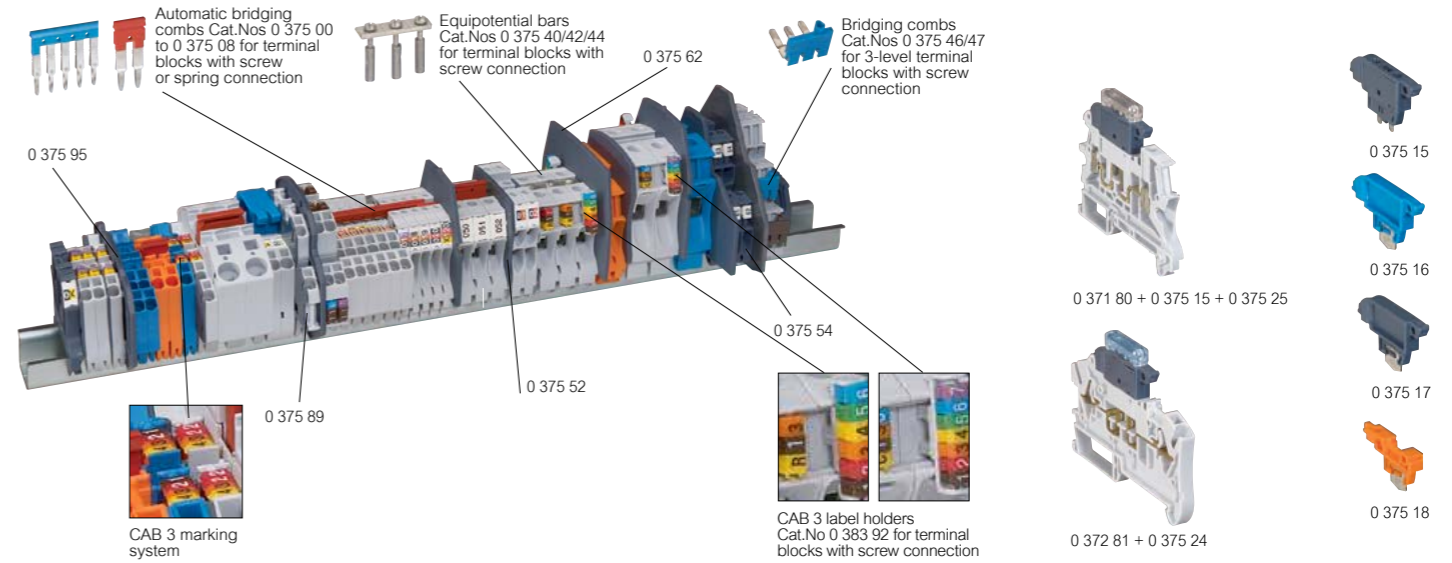


0 375 13 with label holder Duplix 0 384 98

Pack	Cat.Nos	Rails for cutting to length
10	0 374 04	Length 2m
10	0 374 07	EN 60715 depth 7.5mm
10	0 477 22	depth 15mm
10	0 477 23	depth 7.5mm with oblong holes
10	0 477 23	depth 15mm with oblong holes
10	0 394 49	45° mounting bracket Set of 2 supports for 45° rail slope Supplied with 4 M6 screws, nuts and washers (PC-ABS)
20	0 364 66	Adaptor For mounting on rail equipment fitting on rail Width 17mm Increase equipment height for 6mm
50	0 375 10	End stops Accept CAB 3 markers Automatic 6mm pitch Screwless mounting For rails depth 15mm and EN 60715 depth 7.5mm and 15mm Accepts label holder Cat.No 0 395 96 Acts as end cap for screw terminal blocks 1 entry/1 outlet 5, 6, 8 and 10mm pitch
20	0 375 11	8mm pitch For rails depth 15mm and EN 60715 depth 7.5mm and 15mm Accepts label holder Cat.No 0 395 96
10	0 375 12	10mm pitch For rails depth 15mm and EN 60715 depth 7.5mm (except for rail fixed on plate) and 15mm For supporting protection or shielding bar: - Brass bar Cat.Nos 0 373 00/01 - Copper bar 12 x 4mm with clamps Cat.No 0 373 02 - IP 2X terminal block with flat steel bar 12 x 2mm Cat.No 0 048 19 - Copper bar 12 x 4mm Cat.No 0 373 49 or 0 373 89 - Shielding bar 10 x 3mm Cat.No 0 375 34
20	0 375 13	12mm pitch For rails EN 60715, depth 15mm and EN 60715 depth 7.5mm and 15mm 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 9.5mm Can take label Cat.No 0 395 97
20	0 395 97	Label for engraving 28 x 9.5mm 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
100	0 375 50	End caps Grey
20	0 375 51	For screw terminal blocks 1 entry/1 outlet 5, 6, 8 and 10mm pitch
20	0 375 52	1 entry/1 outlet 12 and 15mm pitch
20	0 375 53	2 entries/2 outlets
20	0 375 54	2 levels
20	0 375 55	3 levels
20	0 375 56	Disconnect type 6mm pitch and function blocks 5mm pitch
20	0 375 56	Disconnect type fuse cartridge 5 x 20 with screwed plug
10	0 375 57	Disconnect for measurement
50	0 375 86	For spring terminal blocks with 5mm pitch Allows the block to become 6mm pitch and take a flexible wire fitted with a 4mm ² ferrule
50	0 375 87	1 entry/1 outlet
20	0 375 88	1 entry/2 outlets
20	0 375 88	2 entries/2 outlets
20	0 375 89	2 levels
20	0 375 90	For spring terminal blocks with 6mm pitch Disconnect type

Viking™ 3 accessories for terminal blocks (continued)

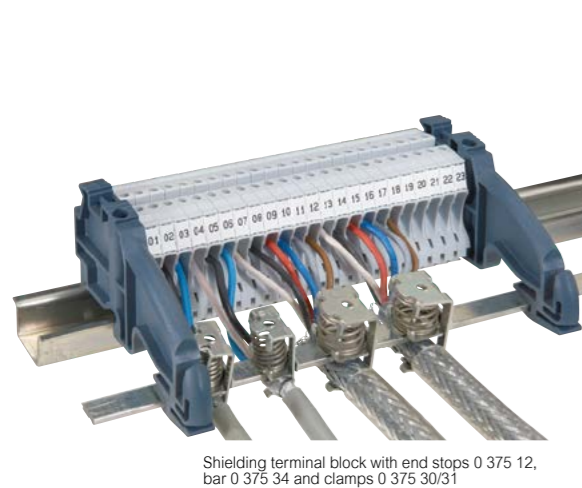


Pack	Cat.Nos	Separation and insulation dividers
20	0 375 60	Grey
10	0 375 61	For screw terminal blocks 1 entry/1 outlet 5, 6, 8 and 10mm pitch
10	0 375 62	1 entry/1 outlet 12 and 15mm pitch
10	0 375 63	2 entries/2 outlets and disconnect type 6mm pitch
20	0 375 63	2 levels
20	0 375 54	3 levels
10	0 375 95	For spring terminal blocks 1 entry/1 outlet, 1 entry/2 outlets and 2 entries/2 outlets 5 and 6mm pitch
10	0 375 96	2 levels
20	0 375 00 ¹	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 01 ¹	For 10 blocks with 5mm pitch - blue
20	0 375 01 ¹	For 10 blocks with 5mm pitch - red
20	0 375 02 ¹	For 2 blocks with 5mm pitch - red
20	0 375 03 ²	For 10 blocks with 6mm pitch - blue
20	0 375 04 ²	For 10 blocks with 6mm pitch - red
20	0 375 05 ²	For 2 blocks with 6mm pitch - red
20	0 375 07 ³	For 3 blocks with 8mm pitch - red
20	0 375 08 ³	For 2 blocks with 8mm pitch - red
10	0 375 40	Bars for screw terminal blocks Front mounting with screws Pre-assembled, not insulated bar Consecutive or alternating connection
10	0 375 42 ⁴	For 12 blocks with 10mm pitch
10	0 375 44	For 12 blocks with 12mm pitch
10	0 375 44	For 12 blocks with 15mm pitch
10	0 375 46	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 47	For 12 blocks with 5mm pitch - brown
10	0 375 47	For 12 blocks with 5mm pitch - blue
20	0 375 82	Bridging combs for spring terminal blocks Front mounting (automatic insertion), screwless Isolated Red
20	0 375 85	For 2 blocks with 10mm pitch
20	0 375 85	For 2 blocks with 12mm pitch

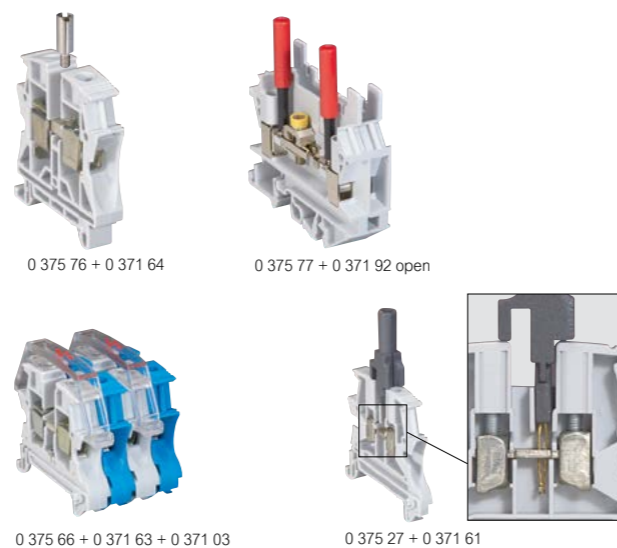
Pack	Cat.Nos	Accessories for disconnect blocks
50	0 375 15	For screw and spring terminal blocks
50	0 375 16	Blade type levers For open blocks Cat. Nos 0 371 80 and 0 372 80 Manual disconnection for handle type, tool required for mini lever type
50	0 375 17	With handle lever for fuse cartridge 5 x 20
50	0 375 18	Grey handle lever
50	0 375 18	Mini lever
20	0 375 21	Joining rods For handle and mini lever
20	0 375 22	For 2 blocks
20	0 375 22	For 3 blocks
50	0 375 24	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 25	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 shunttable
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

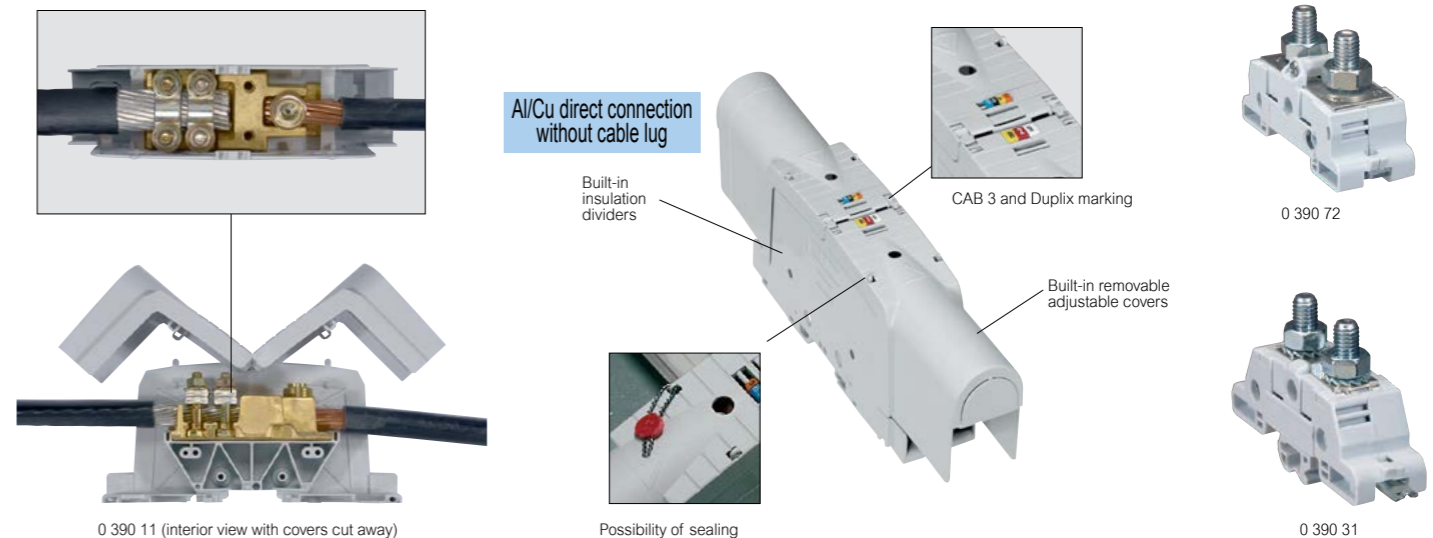
Pack	Cat. Nos	Shielding accessories
		Ensure safe, simple connection of cable shielding
		Shielding clamps For screw and spring terminal blocks - mounted by pivoting on collector bar 10 x 3mm Cat.No 0 375 34 - mounted on plate with M4 screws (supplied) - mounted on rail 4 with Cat.No 0 364 69
10	0 375 30	For cable Ø 3 to 8mm
10	0 375 31	For cable Ø 4 to 13.5mm
4	0 375 32	For cable Ø 10 to 20mm
		Shielding bar For screw and spring terminal blocks Steel Length 1 m For use with end stops Cat.No 0 375 12 10 x 3mm
10	0 375 34	
50	0 375 35	Screening continuity bracket For screw terminal blocks 1 entry/1 outlet 5, 6, 8 and 10mm pitch Connected with 2.8 x 0.8mm clips or welded on Capacity: 1mm2



Pack	Cat. Nos	Protective screens
		1 pole For screw terminal blocks 1 entry/1 outlet 5 and 6mm pitch 8 and 10mm pitch 12 and 15mm pitch
10	0 375 65	
10	0 375 66	
10	0 375 67	
		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
10	0 375 68	5, 6, 8 and 10mm pitch (divider Cat.No 0 375 60)
10	0 375 69	12 and 15mm pitch (divider Cat.No 0 375 61)
		Measurement accessories
10	0 375 27 ¹	For screw and spring terminal blocks Measurement socket for Ø4mm plug for blocks with 5, 6 and 8mm pitch
50	0 375 75	For screw terminal blocks Measurement socket for Ø2mm plug for blocks with 10mm pitch Cat.Nos 0 371 03/63
20	0 375 76	Measurement socket for Ø4mm plug for blocks with 12 and 15mm pitch Cat.Nos 0 371 04/05/64/65
10	0 375 77	Measurement socket for Ø4mm plug for disconnect block for measurement Cat.No 0 371 92
10	0 394 45	IP 2X safety tip adaptor Ø2mm test plug - Retractable tube For performing ad-hoc tests in accordance with regulations on the protection of workers Fixes directly on the Ø4mm plug

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 measurement sockets is possible only with 8mm pitch blocks

Viking™ 3 power terminal blocks



Al/Cu direct connection without cable lug

Built-in insulation dividers

CAB 3 and Duplix marking

Built-in removable adjustable covers

0 390 11 (interior view with covers cut away)

Possibility of sealing

0 390 72

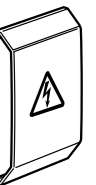
0 390 31

Bridging the gap between the enclosure and external cables

Pack	Cat. Nos	Insulated aluminium/copper power terminal blocks
		For aluminium/copper cables, copper bars or cable lugs 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 4 15mm depth and 4 EN 60715 15mm 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
		Rigid or flexible cable (mm ²) Rigid or flexible cable (mm ²) 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
		Max. connection (mm ²) Max. connection (mm ²) 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
		Max. connection (mm ²) Rigid or flexible cable (mm ²) 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
		Rigid or flexible cable (mm ²) Max. connection (mm ²) 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

Pack	Cat. Nos	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 Cable lug - cable lug for symmetrical rails Fixed using metal clip on rails 4 15mm depth and 4 EN 60715 15mm depth
		Connecting max. (mm ²) 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
5	0 390 31	35 26
5	0 390 32	70 34
5	0 390 33	120 34
5	0 390 34	240 46

Pack	Cat. Nos	Insulation and protection accessories
		For bare power terminal blocks
		Separation barriers Take protective covers Marking possible with CAB 3
10	0 394 77	For blocks with pitch 26mm
10	0 394 78	For blocks with pitch 34 and 46mm
		Protective covers For mounting on separation barriers
5	0 394 86	For 3 blocks with pitch 46mm or for 4 blocks with pitch 34mm
5	0 394 88	For 4 blocks with pitch 26mm
5	0 394 89	For 4 blocks with pitch 46mm



Pack	Cat. Nos	Equipotential bonding shunts
		For insulated aluminium/copper power terminal blocks Supplied with screws
5	0 394 46	For blocks with pitch 36 and 42mm
5	0 394 47	For blocks with pitch 55mm

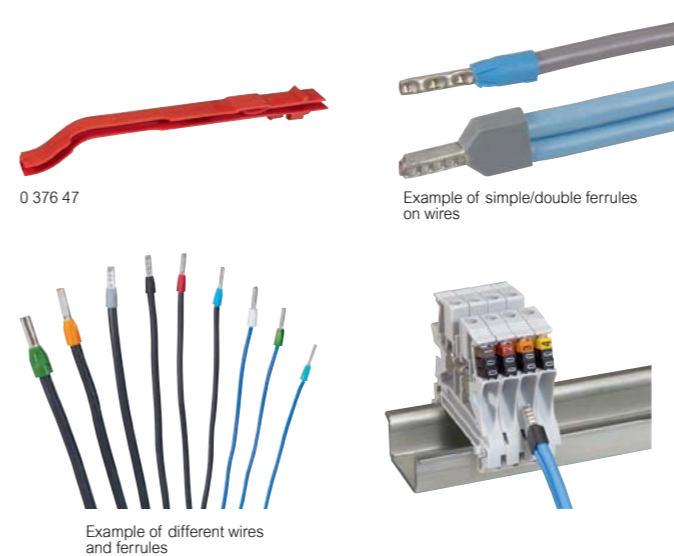
Starfix™ ferrules and crimping tools



Pack	Cat.Nos	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			
		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)			
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)			
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			
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 Translucent refills for direct mounting on crimping tool Cat.No 0 376 09			
		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

Starfix™ applicator



Pack	Cat.Nos	Starfix applicator	Colour
		For Starfix crimping tool For dispensing strips of ferrules in Starfix crimping tools Cat.Nos 0 376 08/09/10	
		For ferrules cross-section (mm²) 0.25 and 0.34 0.5 to 2.5 4 and 6	yellow red orange
10	0 376 46		
10	0 376 47		
10	0 376 48		

Starfix™ ferrules and crimping tools

Correspondence table

Cross-section (mm ²)	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 (mm ²)	A	B	C	D
0 376 50	0 377 50	0.25	8	14.5	1.1
0 376 60	0 377 60	0.34	8	14.5	1.1
0 376 61	0 377 61	0.5	8	14.5	1.5
0 376 62	0 377 62	0.75	8	14.5	1.5
0 376 63	0 377 63	1	8	14.5	1.7
0 376 64	0 377 64	1.5	8	14.5	2
0 376 66	0 377 66	2.5	8	14.5	2.6
0 376 67	0 377 67	4	12	21	3.2
0 376 68	0 377 68	6	12	23	3.9
0 376 69		10	12	21	4.9
0 376 72		16	12	23	6.3
0 376 70		16	18	29	6.3
0 376 71		25	18	31	7.9
0 376 77		35	18	32	8.9
0 376 78		50	20	36	11.1

Double ferrules

Cat.Nos	Cross-section (mm ²)	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

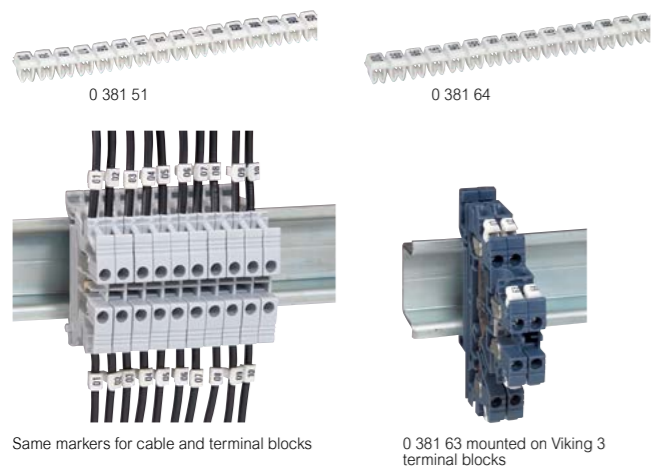


Starfix S tool Cat.No 0 376 97



CAB 3™ marking system

For wiring or Viking 3 terminal blocks



Same markers for cable and terminal blocks

0 381 63 mounted on Viking 3 terminal blocks

For marking wiring or Viking 3 terminal blocks

Pack	Cat.Nos	Markers for wiring 0.5 to 1.5mm ² cross-section and terminal blocks
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 2.5mm ² cross-section
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
1000	0 395 00	Displayed by sheet of 100 pre-cut markers
1000	0 395 01	Manual marking (price per marker)
1000	0 395 02	For blocks 5mm pitch
		For blocks 6mm pitch
		For blocks 8mm pitch

Pack	Cat.Nos	Numbers
1000	0 395 05	Correct reading direction with the marker in horizontal position. Price per marker.
1000	0 395 06	Pitch of 5mm
1000	0 395 07	From 1 to 10 (10 times)
1000	0 395 08	From 11 to 20 (10 times)
1000	0 395 09	From 21 to 30 (10 times)
1000	0 395 10	From 31 to 40 (10 times)
1000	0 395 11	From 1 to 50 (2 times)
1000	0 395 10	From 1 to 100
1000	0 395 11	From 101 to 200
1000	0 395 15	Pitch of 6mm
1000	0 395 16	From 1 to 10 (10 times)
1000	0 395 17	From 11 to 20 (10 times)
1000	0 395 18	From 21 to 30 (10 times)
1000	0 395 19	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

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

Pack	Cat.Nos	Markers for wiring 0.15 to 0.5mm ² and 0.5 to 1.5mm ² cross-section and terminal blocks
1000/1200	0 381 00	On Viking 3 terminal blocks
1000/1200	0 381 01	- 4 markers 0.15 to 0.5mm ² max
1000/1200	0 381 02	- 3 markers 0.15 to 1.5mm ² max.
1000/1200	0 381 03	Pack:
1000/1200	0 381 04	- Up to 0.5mm ² : strips of 25 markers
1000/1200	0 381 05	From 0.5mm ² to 2.5mm ² : strips of 30 markers
1000/1200	0 381 06	Price per marker
1000/1200	0 381 07	Digits: international colour code
1000/1200	0 381 08	0 Black
1000/1200	0 381 09	1 Brown
300	0 381 10	2 Red
300	0 381 11	3 Orange
300	0 381 12	4 Yellow
300	0 381 13	5 Green
300	0 381 14	6 Blue
300	0 381 15	7 Purple
300	0 381 16	8 Grey
300	0 381 17	9 White
300	0 381 18	Letters: black on yellow background
300	0 381 19	A
300	0 381 20	B
300	0 381 21	C
300	0 381 22	D
300	0 381 23	E
300	0 381 24	F
300	0 381 25	G
300	0 381 26	H
300	0 381 27	I
300	0 381 28	J
300	0 381 29	K
300	0 381 30	L
300	0 381 31	M
300	0 381 32	N
300	0 381 33	O
300	0 381 34	P
300	0 381 35	Q
300	0 381 40	R
300	0 381 41	S
300	0 381 42	T
300	0 381 43	U
300	0 381 44	V
300	0 381 45	W
300	0 381 46	X
300	0 381 47	Y
300	0 381 48	Z
300	0 381 49	Conventional symbols: black on yellow background
300	0 381 50	/
300	0 381 51	.
300	0 381 52	+
300	0 381 53	-
300	0 381 54	~
300	0 381 55	=
300	0 381 56	≠

Pack	Cat.Nos	Markers for wiring 1.5 to 2.5mm ² and 4 to 6mm ² cross-section
1200/800	0 382 20	Pack:
1200/800	0 382 21	From 0.5mm ² to 2.5mm ² : strips of 30 markers
1200/800	0 382 22	- Upper 2.5mm ² : strips of 20 markers
1200/800	0 382 23	Price per marker
1200/800	0 382 24	Digits: international colour code
1200/800	0 382 25	0 Black
1200/800	0 382 26	1 Brown
1200/800	0 382 27	2 Red
1200/800	0 382 28	3 Orange
1200/800	0 382 29	4 Yellow
300	0 383 30	5 Green
300	0 383 31	6 Blue
300	0 383 32	7 Purple
300	0 383 33	8 Grey
300	0 383 34	9 White
300	0 383 35	Letters: black on yellow background
300	0 383 36	A
300	0 383 37	B
300	0 383 38	C
300	0 383 39	D
300	0 383 40	E
300	0 383 41	F
300	0 383 42	G
300	0 383 43	H
300	0 383 44	I
300	0 383 45	J
300	0 383 46	K
300	0 383 47	L
300	0 383 48	M
300	0 383 49	N
300	0 383 50	O
300	0 383 51	P
300	0 383 52	Q
300	0 383 53	R
300	0 383 54	S
300	0 383 55	T
300	0 382 80	U
300	0 382 81	V
300	0 382 82	W
300	0 382 83	X
300	0 382 84	Y
300	0 382 85	Z
300	0 382 86	Conventional symbols: black on yellow background
300	0 382 87	/
300	0 382 88	.
300	0 382 89	+
300	0 382 90	-
300	0 382 91	~
300	0 382 92	=
300	0 382 93	≠

CAB 3™ marking system

Accessories



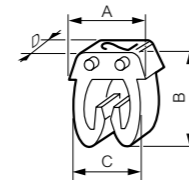
Pack	Cat.Nos	CAB 3 accessories										
		Marker-holders For cables cross-section from 10mm ² to 70mm ² Capacity: 8 digits, letters or symbols markers from 0.5 to 1.5mm ² or 1.5 to 2.5mm ² cross section Black										
100	0 384 90	10 to 16mm ² cross-section										
50	0 384 91	25 to 35mm ² cross-section										
50	0 384 92	50 to 70mm ² cross-section										
		Support for markers Can be clipped on Viking 3 terminal blocks with screw connection Capacity: 7 markers from 0.15 to 0.5mm ² 6 markers from 0.5 to 1.5mm ²										
100	0 383 92											
		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)										
		<table border="1"> <thead> <tr> <th>For markers cross-section (mm²)</th> <th>Applicator colour for identification of cross-section</th> </tr> </thead> <tbody> <tr> <td>0.15 to 0.5</td> <td>green</td> </tr> <tr> <td>0.5 to 1.5</td> <td>red</td> </tr> <tr> <td>1.5 to 2.5</td> <td>blue</td> </tr> <tr> <td>4 to 6</td> <td>yellow</td> </tr> </tbody> </table>	For markers cross-section (mm ²)	Applicator colour for identification of cross-section	0.15 to 0.5	green	0.5 to 1.5	red	1.5 to 2.5	blue	4 to 6	yellow
For markers cross-section (mm ²)	Applicator colour for identification of cross-section											
0.15 to 0.5	green											
0.5 to 1.5	red											
1.5 to 2.5	blue											
4 to 6	yellow											
10	0 383 94	0.15 to 0.5										
10	0 383 95	0.5 to 1.5										
10	0 383 96	1.5 to 2.5										
10	0 383 97	4 to 6										
		Set of markers (digits) 0.15 to 0.5mm ² : 2500 markers + 10 applicators (250 digits from 0 to 9) 0.5 to 1.5mm ² : 3000 markers + 10 applicators (300 digits from 0 to 9) 1.5 to 2.5mm ² : 3000 markers + 10 applicators (300 digits from 0 to 9) 4 to 6mm ² : 2000 markers + 10 applicators (200 digits from 0 to 9)										
1	0 382 01	0.15 to 0.5mm ² : 2500 markers + 10 applicators (250 digits from 0 to 9)										
1	0 382 02	0.5 to 1.5mm ² : 3000 markers + 10 applicators (300 digits from 0 to 9)										
1	0 382 03	1.5 to 2.5mm ² : 3000 markers + 10 applicators (300 digits from 0 to 9)										
1	0 382 04	4 to 6mm ² : 2000 markers + 10 applicators (200 digits from 0 to 9)										
		On-site toolbox With removable tray for CAB 3 markers and applicators, Starfix ferrules Height 85mm, depth 280mm, width 450mm Metal, padlockable Supplied empty										
1	0 382 00											

CAB 3™ marking system

For wiring and Viking 3 terminal blocks

Dimensions

Markers
Polyamide 6/6



Dimensions	Cable cross-section (mm ²)			
	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

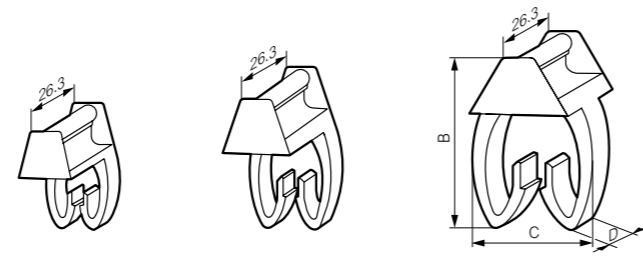
Cat.Nos 0 381 50 to 0 381 55 et 0 381 60 to 0 381 65: no liking stud.
D = 6mm

Marker holders

Cat.No 0 384 90

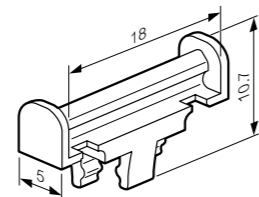
Cat.No 0 384 91

Cat.No 0 384 92



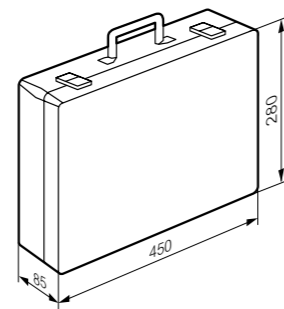
Dim.	Section of cable for marking (mm ²)		
	10 to 16	25 to 35	50 to 70
B (mm)	18	24.3	27.2
C (mm)	8.9	12.2	17.2
D (mm)	7	7	10

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 (around 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



Marking system with closed ring
High resistance in very aggressive environments

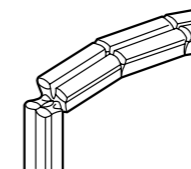
Marker-holders for wiring

Pack	Cat.Nos	Length of marking: 12mm	4 markers			
1000	0 379 27	0.25	1.5	1.3	3.5	Ø (mm)
	0 379 28					
Length of marking: 15mm						
6 markers						
1000	0 379 30	0.25	1.5	1.3	3.5	Ø (mm)
	0 379 31	0.75	4	2.3	4.8	
	0 379 32	4	16	4.2	7.6	
Length of marking: 18mm						
7 markers						
1000	0 379 36	0.25	1.5	1.3	3.5	Ø (mm)
	0 379 37	0.75	4	2.3	4.8	
	0 379 38	4	16	4.2	7.6	
	0 379 33	16	50	7.6	12.5	
	0 379 34	50	95	12.5	19	
100	0 379 35	95	300	19	29.5	
Length of marking: 30mm						
7 markers						
500	0 379 40	0.25	1.5	1.3	3.5	Ø (mm)
	0 379 41	0.75	4	2.3	4.8	
	0 379 42	4	16	4.2	7.6	
	0 379 43	16	50	7.6	12.5	
Length 500mm (to be cut)						
10	0 379 44	0.75	4	2.3	4	

Marker-holders for simultaneous marking of both ends

Pre-cut label holders in rolls

Pack	Cat.Nos	Length of marking: 18mm	7 markers			
1000	0 379 20	0.25	1.5	1.3	3.5	Ø (mm)
	0 379 21					
500	0 379 22	4	16	4.2	7.6	
Length of marking: 30mm						
12 markers						
500	0 379 10	0.25	1.5	1.3	3.5	Ø (mm)
	0 379 11					



Marker-holders for cables

Pack	Cat.Nos	Fixing with Colring cable ties maximum width 4.6mm
100	0 377 12	Length of marking: 20mm (8 markers)
	0 387 42	Length of marking: 30mm (12 markers)
Marker-holders for all devices		
100	0 377 10	Adhesive Length of marking: 17.5mm (7 markers)
Accessories		
Double dispenser board For 48 strips of markers (supplied empty)		
1	0 379 91	
Selecting prong For selecting the markers and placing them in the label holder		
10	0 379 90	For 30mm marker holders
10	0 379 92	For 15mm marker holders
10	0 379 89	Double for 30 or 18mm marker holders (for simultaneous marking of both ends)
Extractor For 15mm marker holders		
10	0 379 93	

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 strips of 24 markets (unit price per marker)

Numbers on colour background

Black or white marking
(international colour code)

Pack	Cat.Nos	Markers
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

Pack	Cat.Nos	Markers
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

Pack	Cat.Nos	Markers
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

Pack	Cat.Nos	Markers
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

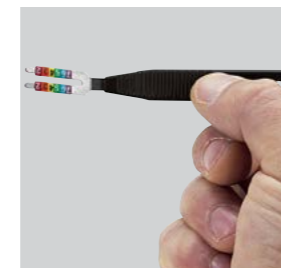
Memocab™ marking system

For wiring

Installation



1 Simultaneous marking of both ends



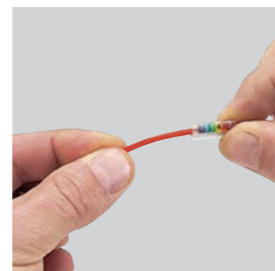
2 Use of double selecting prong



3 Installation in double marker-holder



The double strip can be used on site, where each marker-holders of both sides will be placed on conductors



Transcab cable ducting



6 362 02



6 362 08



6 361 17



6 361 25

6.5mm wide fingers with a 6mm spacing
Accepts up to 6mm² 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 12.5mm
Length: 2 m

Pack Cat.Nos Light grey halogen free

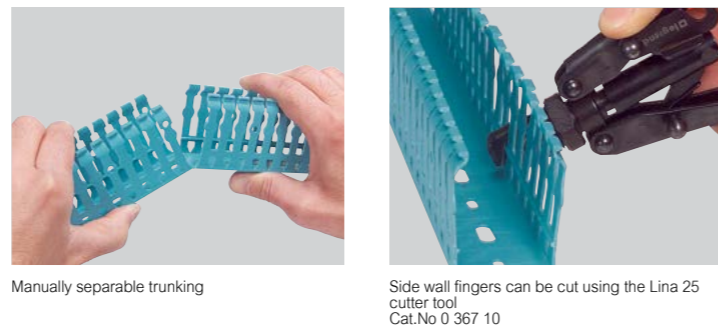
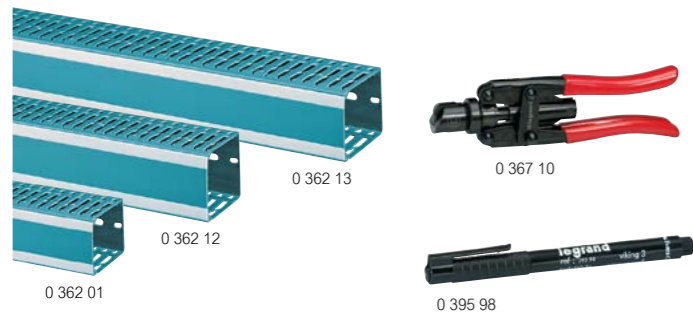
Pack	Cat.Nos	Width x Height (mm)	Capacity (mm ²)
		PC/ABS	
60'	6 362 00	25 x 25	391
56'	6 362 01	25 x 40	720
56'	6 362 02	25 x 60	1159
48'	6 362 06	40 x 40	1245
48'	6 362 07	40 x 60	2007
40'	6 362 08	40 x 80	2717
32'	6 362 12	60 x 60	3115
32'	6 362 13	60 x 80	4216
24'	6 362 17	80 x 80	5715
16'	6 362 25	120 x 80	8729

1: Number of meters in pack

Pack Cat.Nos Grey RAL 7030

Pack	Cat.Nos	Width x Height (mm)	Capacity (mm ²)
		PVC	
32'	6 360 95	15 x 25	264
40'	6 360 96	15 x 40	455
60'	6 361 00	25 x 25	391
56'	6 361 01	25 x 40	720
56'	6 361 02	25 x 60	1159
40'	6 361 03	25 x 80	1600
56'	6 361 05	40 x 25	692
48'	6 361 06	40 x 40	1245
48'	6 361 07	40 x 60	2007
40'	6 361 08	40 x 80	2717
24'	6 361 09	40 x 100	3354
32'	6 361 11	60 x 40	1932
32'	6 361 12	60 x 60	3115
32'	6 361 13	60 x 80	4216
24'	6 361 14	60 x 100	5216
24'	6 361 15	80 x 40	2647
24'	6 361 16	80 x 60	4200
24'	6 361 17	80 x 80	5715
20'	6 361 18	80 x 100	7078
24'	6 361 19	100 x 40	3363
24'	6 361 20	100 x 60	5307
16'	6 361 21	100 x 80	7215
16'	6 361 22	100 x 100	8960
16'	6 361 24	120 x 60	6403
16'	6 361 25	120 x 80	8729
12'	6 361 23	150 x 100	13683

1: Number of meters in pack



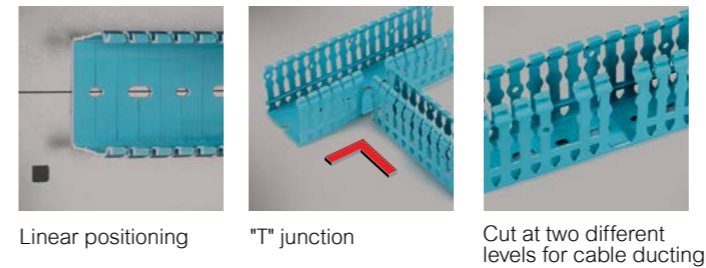
Pack	Cat.Nos	Lina 25 ducting
		RAL 2525 blue PVC Conform to EN 50085-2-3 6.5mm wide fingers with a 6mm spacing Accepts up to 6mm ² without breaking side wall fingers Two pre-scored lines allow removal of fingers Bump on side wall fingers help cabling Rounded fingers prevent injury during cabling Conform to EN 50085 parts 2 and 3 Plastic cable ducting (base + cover) Side perforations at intervals of 12.5mm Length: 2m Width x height (mm)
60'	0 362 00	25 x 25
56'	0 362 01	25 x 40
56'	0 362 02	25 x 60
40'	0 362 03	25 x 80
56'	0 362 05	40 x 25
48'	0 362 06	40 x 40
48'	0 362 07	40 x 60
40'	0 362 08	40 x 80
32'	0 362 11	60 x 40
32'	0 362 12	60 x 60
32'	0 362 13	60 x 80
24'	0 362 16	80 x 60
24'	0 362 17	80 x 80
16'	0 362 25	120 x 80

Lina 25 cutter tool
0 367 10 For a straight break of side wall fingers

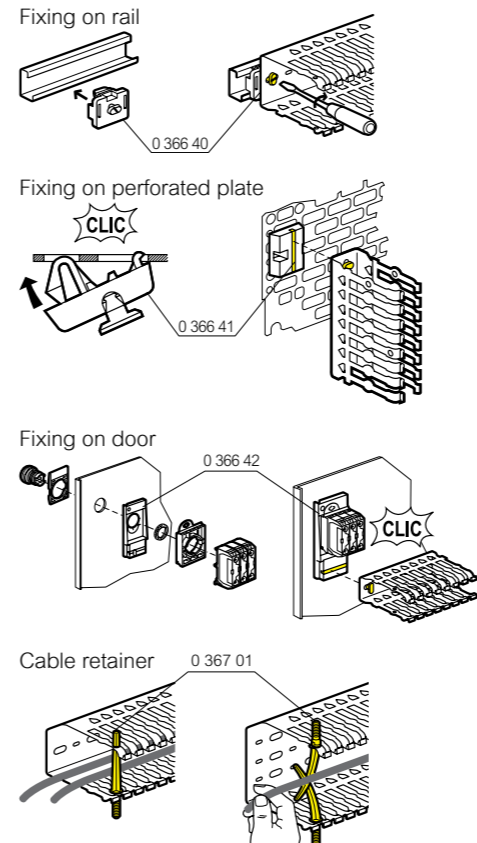
Pack	Cat.Nos	Sleeving
		Braided sleeving Black polyester Supplied in 50m roll in dispenser box with an indicator 3m before end
1	0 366 38	Ø of roll 20mm
1	0 366 39	Ø variations 10 to 30mm
		Spiral sleeving Colourless
25	6 361 78	Ø12mm
25	6 361 83	Ø22mm

Black felt-tip pen
0 395 98 Black felt-tip pen indelible for marking
1: Number of metres in pack

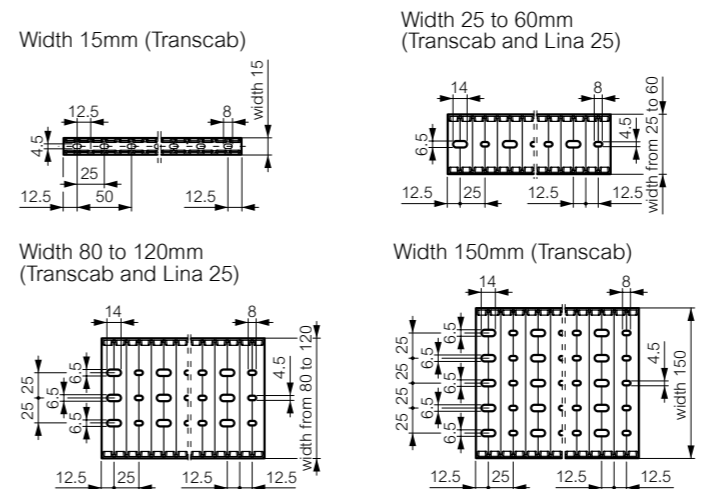
Lina 25 installation



Lina 25 accessories installation



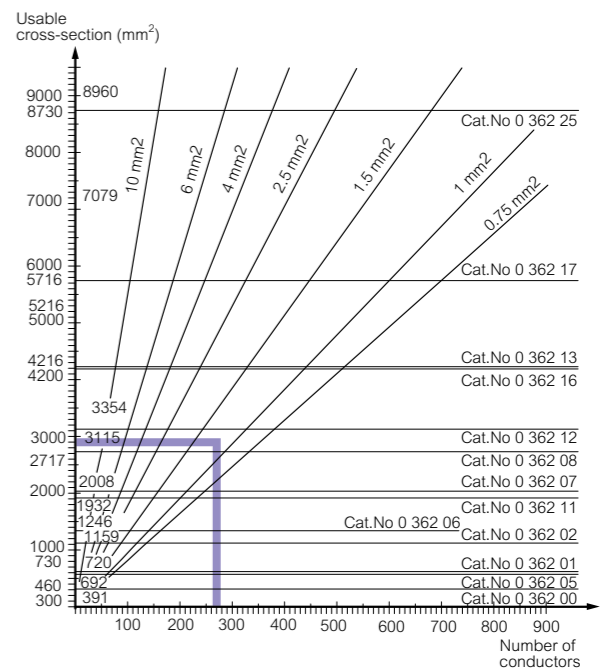
Dimensions



Dimensions (continued)

Transcab cable ducting			Lina 25 cable ducting			
Cat.Nos	A (mm)	B (mm)	Cat.Nos	A (mm)	B (mm)	C (mm)
6 360 95	15	25	0 362 00	25	25	6
6 360 96	15	40	0 362 01	25	40	5
6 361 00/6 362 00	25	25	0 362 02	25	60	6
6 361 01/6 362 01	25	40	0 362 03	25	80	6
6 361 02/6 362 02	25	60	0 362 05	40	25	10
6 361 03	25	80	0 362 06	40	40	10
6 361 05	40	25	0 362 07	40	60	10
6 361 06/6 362 06	40	40	0 362 08	40	80	10
6 361 07/6 362 07	40	60	0 362 11	60	40	10
6 361 08/6 362 08	40	80	0 362 12	60	60	10
6 361 09	40	100	0 362 13	60	80	10
6 361 11	60	40	0 362 16	80	60	10
6 361 12/6 362 12	60	60	0 362 17	80	80	10
6 361 13/6 362 13	60	80	0 362 25	120	80	10
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				

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 0.75mm² -> 1230mm² cross-section and
120 conductors 1.5mm² -> 1700mm² cross-section
Makes a total of 2930mm²
The correct cable ducting is Cat.No 0 362 12, 60 x 60,
with a capacity of 3115mm²

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
6.101 Mounting position	Vertical or horizontal



Supplied with a fixing ring
IP69, IP69K except Cat.Nos 0 238 11/12/13 - IP67 and Cat.Nos 0 239 80/82 - IP66
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 - IP67
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 Ø40
10	0 238 34	● Red
10	0 238 35	● Green
10	0 238 36	● Black
1	0 238 37	● Yellow
		Twin touch - IP66
5	0 239 80	Red engraved "O", green engraved "I"
5	0 239 82	Flush/Flush - Green/Red 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	 2 stay-put positions - 45°
10	0 239 03	● Black	
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	
1	0 239 24	● Grey	
1	0 239 26	● Black	 3 stay-put positions - 45°
			 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	



Supplied with a fixing ring
IP66, IP69K
Conform to IEC 60947-5-1

Pack	Cat.Nos	Selector switches (continued)
		With long handle
10	0 239 30	Black long handle 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
1	0 239 50	Black button 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



Supplied with a fixing ring
IP66, IP69K (except Cat.No 0 240 73 - IP66)
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
5	0 240 73	Red engraved "O", green engraved "I" IP66, become IP67 with mounting accessory IP67 shroud Cat.No 0 241 96 ● Green/Red



Supplied with fixing ring
IP66, IP69K
Conform to IEC 60947-5-1

Pack	Cat.Nos	Selector switches	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 IP66	
1	0 240 60	● Black	2 stay-put positions - 45°
1	0 240 61	● Black	3 stay-put positions - 45°
		Stay-put mushroom head	
		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	
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	

Pack	Cat.Nos	One-piece pilot lights
		To be used without electrical block
		With integrated Led
10	0 241 20	○ White - 24 V~/=
10	0 241 21	● Red - 24 V~/=
10	0 241 22	● Green - 24 V~/=
1	0 241 23	● Blue - 24 V~/=
10	0 241 24	● Yellow - 24 V~/=
1	0 241 30	○ White - 130 V~
1	0 241 31	● Red - 130 V~
1	0 241 32	● Green - 130 V~
1	0 241 33	● Blue - 130 V~
1	0 241 34	● Yellow - 130 V~
10	0 241 40	○ White - 230 V~
10	0 241 41	● Red - 230 V~
10	0 241 42	● Green - 230 V~
1	0 241 43	● Blue - 230 V~
10	0 241 44	● Yellow - 230 V~
		For BA9S lamp (not supplied)
		Direct supply
10	0 241 00	○ Colourless
10	0 241 01	● Red
10	0 241 02	● Green
1	0 241 03	● Blue
10	0 241 04	● Yellow
10	0 241 05	○ White



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 - 12-24V~/= - 2 NO/NC
1	0 229 81	● Red - 12-24V~/= - 2 NO/NC
1	0 229 82	● Green - 12-24V~/= - 2 NO/NC
5	0 230 00	○ White - 12-24V~/= - NO
5	0 230 01	● Red - 12-24V~/= - NO
5	0 230 02	● Green - 12-24V~/= - NO
1	0 230 03	○ White - 12-24V~/= - NO + NC
1	0 230 04	● Red - 12-24V~/= - NO + NC
1	0 230 05	● Green - 12-24V~/= - NO + NC
5	0 230 06	○ White - 12-24V~/= - 2 NO
5	0 230 07	● Red - 12-24V~/= - 2 NO
5	0 230 08	● Green - 12-24V~/= - 2 NO
1	0 229 90	○ White - 230V~ - 2 NO/NC
1	0 229 91	● Red - 230V~ - 2 NO/NC
1	0 229 92	● Green - 230V~ - 2 NO/NC
5	0 230 10	○ White - 230V~ - NO
5	0 230 11	● Red - 230V~ - NO
5	0 230 12	● Green - 230V~ - NO
1	0 230 13	○ White - 230V~ - NO + NC
1	0 230 14	● Red - 230V~ - NO + NC
1	0 230 15	● Green - 230V~ - NO + NC
5	0 230 16	○ White - 230V~ - 2 NO
5	0 230 17	● Red - 230V~ - 2 NO
5	0 230 18	● Green - 230V~ - 2 NO



IP20
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
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



Empty control stations to be equipped with:
- illuminated or non-illuminated heads
- specific blocks for control stations

Pack	Cat.Nos	Control stations (to be equipped) IP66 - IK07
1	0 242 00	Possibility to mount 3 electrical blocks per hole
1	0 242 01	1 hole - grey
1	0 242 02	1 hole - yellow cover
1	0 242 03	2 holes - grey
1	0 242 04	3 holes - grey
1	0 242 05	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 - 12-24V~/=
1	0 242 51	● Red - 12-24V~/=
1	0 242 52	● Green - 12-24V~/=
1	0 242 53	● Blue - 12-24V~/=
1	0 242 54	● Yellow - 12-24V~/=
1	0 242 70	○ White - 230V~
1	0 242 71	● Red - 230V~
1	0 242 72	● Green - 230V~
1	0 242 74	● Blue - 230V~
1	0 242 73	● Yellow - 230V~

Osmoz control and signalling units accessories



Pack	Cat.Nos	BA9S bulbs
10	0 241 71	For one-piece pilot lights ● Red - neon - 230V~
Mounting accessories		
IP67 shroud		
		Reinforced degree of protection: IP67 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 73	Bulb extractor
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		
10	0 243 30	○ Alu - standard model
10	0 243 32	"O I"
10	0 243 43	"I O II"
10	0 243 44	"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

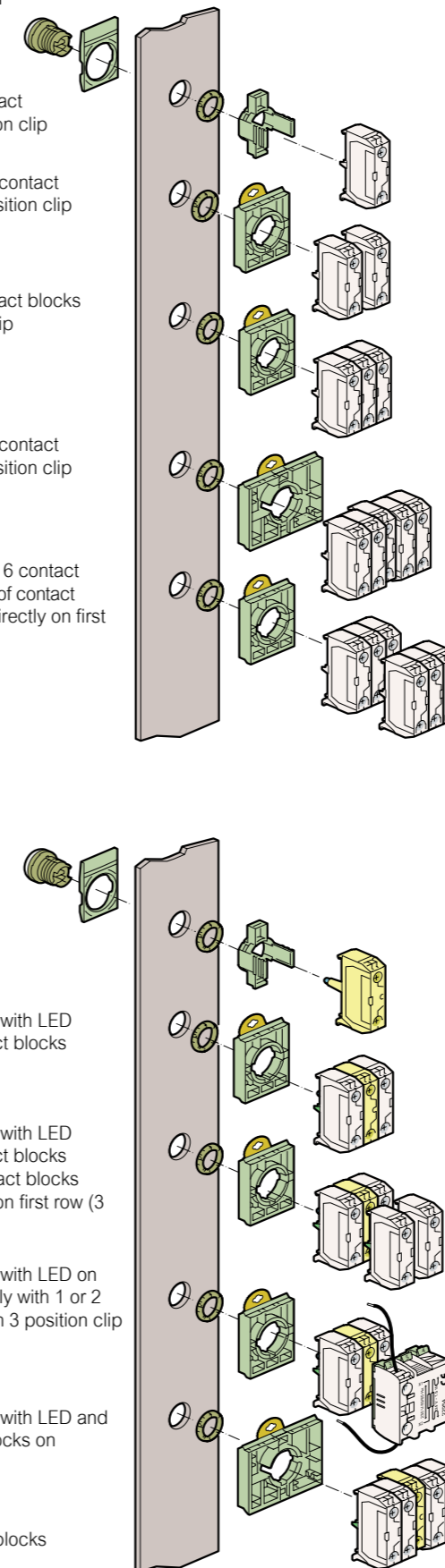
Illuminated head with LED and 1 or 2 contact blocks on 3-position clip

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
 - IP66 or IP69, IP69K for standard heads
 - IP67 for shrouded heads
 - IP66 for equipped control stations
 - IP20 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: IK05 illuminated and non illuminated heads IK07 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 690V according to IEC/EN60947 for flush block with screw terminals or spring terminals 600V AC according to UL 508
- NC contacts: Positive opening conform to IEC/EN 60947-5-1
- Rated impulse withstand voltage Uimp: 6kV contact blocks
- Convection thermal conform to IEC 60947-5-1 current in free air conditions: AC: 10A DC: 2.5A

- Electrical performance:
 - AC according to IEC 60947-5-1 AC15 - A 600 Ue = 120V, Ie = 6A Ue = 240V, Ie = 3A Ue = 380V, Ie = 1.9A Ue = 480V, Ie = 1.5A Ue = 500V, Ie = 1.4A Ue = 500V, Ie = 1.2A
 - DC according to IEC 60947-5-1 DC13 - Q 600 Ue = 125V, Ie = 0.55A Ue = 250V, Ie = 0.27A Ue = 400V, Ie = 0.15A Ue = 500V, Ie = 0.13A Ue = 500V, Ie = 0.1A

- Electrical durability 1 million cycles for:
 - AC15 - B 300 Ue = 120V, Ie = 3A Ue = 240V, Ie = 1.5A
 - DC13 - R 300 Ue = 125V, Ie = 0.22A Ue = 250V, Ie = 0.1A
- Connection capacity (rigid or flexible wire) without ferrule: 2 x 0.5mm² to 2 x 2.5mm² with ferrule: 2 x 0.5mm² to 2 x 1.5mm²

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 Va.c. } ± 10 % 230 Va.c.
- 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:
 - 24V: 25mA ± 20%
 - 48V: 15mA ± 10%
 - 130V: 20mA ± 10%
 - 230V: 16mA ± 30%

Cam switches insulating box



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
 IP65 for 76 x 76 and 96 x 120mm boxes. IP55 for 135 x 170mm boxes

Pack	Cat.Nos	Function: on/off switch
76 x 76mm box		
		Number of poles Range Max. rating AC 21 (A) Position Number of contacts
1	0 277 10	1 PR 12 16 0 1 1
1	0 277 11	2 PR 12 16 0 1 2
1	0 277 12	3 PR 12 16 0 1 3
1	0 277 13	4 PR 12 16 0 1 4
96 x 120mm box		
1	0 277 16	2 PR 17 20 0 1 2
1	0 277 17	3 PR 17 20 0 1 3
1	0 277 18	4 PR 17 20 0 1 4
1	0 277 21	2 PR 21 25 0 1 2
1	0 277 22	3 PR 21 25 0 1 3
1	0 277 23	4 PR 21 25 0 1 4
Function: changeover switches		
Without off - 96 x 120mm box		
		Number of poles Range Max. rating AC 21 (A) Position Number of contacts
1	0 277 55	3 PR 12 16 1 2 6
1	0 277 56	4 PR 12 16 1 2 8
1	0 277 58	4 PR 17 20 1 2 8
1	0 277 60	4 PR 21 25 1 2 8
1	0 277 62	4 PR 26 32 1 2 8
Without off - 135 x 170mm box		
1	0 277 64	4 PR 40 50 1 2 8
1	0 277 66	4 PR 63 63 1 2 8
With off - 96 x 120mm box		
1	0 277 25	1 PR 12 16 1 2 2
1	0 277 26	2 PR 12 16 1 2 4
1	0 277 27	3 PR 12 16 1 2 6
1	0 277 28	4 PR 12 16 1 2 8
1	0 277 31	2 PR 17 20 1 2 4
1	0 277 32	3 PR 17 20 1 2 6
1	0 277 33	4 PR 17 20 1 2 8
1	0 277 36	2 PR 21 25 1 2 4
1	0 277 37	3 PR 21 25 1 2 6
1	0 277 38	4 PR 21 25 1 2 8
1	0 277 41	2 PR 26 32 1 2 4
1	0 277 42	3 PR 26 32 1 2 6
1	0 277 43	4 PR 26 32 1 2 8

Pack	Cat.Nos	Function: changeover switch (continued)
With off - 135 x 170mm box		
		Number of poles Range Max. rating AC 21 (A) Position Number of contacts
1	0 277 46	2 PR 40 50 1 2 4
1	0 277 47	3 PR 40 50 1 2 6
1	0 277 48	4 PR 40 50 1 2 8
1	0 277 51	2 PR 63 63 1 2 4
1	0 277 52	3 PR 63 63 1 2 6
1	0 277 53	4 PR 63 63 1 2 8
Function: 3-way switches		
With off - 76 x 76mm box		
1	0 277 67	1 PR 12 16 0 1 2 3
With off - 96 x 120mm box		
1	0 277 68	1 PR 12 16 0 1 2 3
1	0 277 69	2 PR 12 16 0 1 2 6
Function: 3-phase motor switch		
Forward/reverse switch, 1 speed		
		Range Max. rating AC 3 Position Number of contacts
1	0 277 70	PR 12 4 AR 0 AV 5
1	0 277 75	PR 17 7.5 AR 0 AV 5
1	0 277 78	PR 21 7.5 AR 0 AV 5
1	0 277 81	PR 26 11 AR 0 AV 5
1	0 277 84	PR 40 18.5 AR 0 AV 5
Starter 1 way, 1 speed		
1	0 277 71	PR 12 4 0 Y Δ 8
1	0 277 76	PR 17 7.5 0 Y Δ 8
1	0 277 79	PR 21 7.5 0 Y Δ 8
1	0 277 82	PR 26 11 0 Y Δ 8
1	0 277 85	PR 40 18.5 0 Y Δ 8
Starter 1 way, 2 speed Dalhander		
1	0 277 72	PR 12 4 0 PV GV 8
1	0 277 77	PR 17 7.5 0 PV GV 8
1	0 277 80	PR 21 7.5 0 PV GV 8
1	0 277 83	PR 26 11 0 PV GV 8
1	0 277 73	PR 12 4 0 PV GV 8

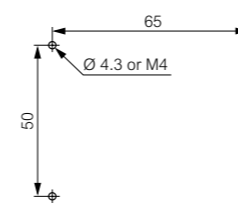
Cam switches

Electrical characteristics

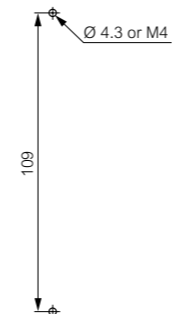
	PR 12	PR 17	PR 21	PR 26	PR 40	PR 63
Thermal rating	20 A	25 A	32 A	40 A	63 A	63 A
Rated operating current (Ie) AC 21	16 A	20 A	25 A	32 A	50 A	63 A
Rated operating current (Ie) AC 15	6 A	8 A	10 A	12 A	-	-
Motor performance AC 23	3 x 230V	4 kW	5.5 kW	7.5 kW	11 kW	15 kW
	3 x 400V	7.5 kW	11 kW	11 kW	11 kW	22 kW
	3 x 500V	5.5 kW	11 kW	11 kW	11 kW	25 kW
	3 x 690V	4 kW	10 kW	10 kW	11 kW	18.5 kW
Motor performance AC 3	3 x 230V	3 kW	4 kW	4 kW	5.5 kW	11 kW
	3 x 400V	4 kW	7.5 kW	7.5 kW	11 kW	18.5 kW
	3 x 500V	5.5 kW	7.5 kW	7.5 kW	11 kW	18.5 kW
	3 x 690V	3 kW	7.5 kW	7.5 kW	11 kW	18.5 kW
Degree of protection	front	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	2.5mm ²	4mm ²	4mm ²	6mm ²	16mm ²
	rigid	4mm ²	6mm ²	6mm ²	6mm ²	16mm ²

Drilling

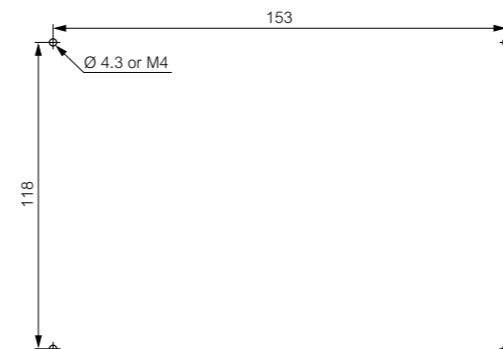
For PR 12 - 76 x 76mm box
 2 x 2 knock-out entries PG 16



For PR 12, PR 17, PR 21 and PR 26 - 96 x 120mm box
 2 x 2 knock-out entries PG 16

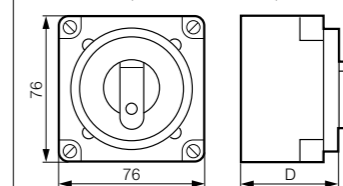


For PR 40 and PR 63 - 135 x 170mm box
 6 knock-out entries PG 21
 + 4 knock-out entries PG 29

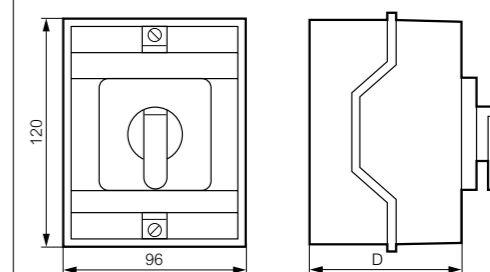


Dimensions

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)

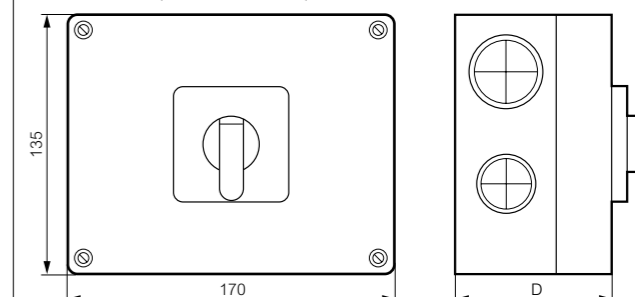


Diagram - Terminals

On/off switch

N° contacts	0	1	Diagram	Terminal 1	Terminal 2
1 - 2	x		A	1	3
3 - 4	x		B	5	7
5 - 6	x		C	9	11
7 - 8	x		D	13	15

	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	Diagram	Terminal 1	Terminal 2
1 - 2	x		A	1	3
3 - 4	x		B	5	7
5 - 6	x		C	9	11
7 - 8	x		D	13	15

	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	Diagram	Terminal 1	Terminal 2
1 - 2	x			A	1	3
3 - 4		x		B	5	7
5 - 6	x			C	9	11
7 - 8		x		D	13	15

	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	0 277 48	0 277 53

3-way switch

•With "off"

N° contacts	0	1	2	3	Diagram	Terminal 1	Terminal 2
1 - 2		x			A	1	3
3 - 4			x		B	5	7
5 - 6				x	C	9	11
7 - 8					D	13	15

	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	Δ
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		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	x	
3 - 4	x	x	x	
5 - 6		x	x	x
7 - 8		x	x	x
9 - 10	x			
11 - 12	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				

•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			x
15 - 16	x			x
19 - 20				

•Voltmeter without neutral

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

•Voltmeter with neutral

N° contacts	L ₁	L ₂	L ₃	0	L ₁	L ₂	L ₃
1 - 2	x	x	x	x			
3 - 4					x	x	x
5 - 6	x				x		
7 - 8		x				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



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)
IP40 at front of enclosure (selector lever)
IP2X at back of enclosure up to PR 26

Pack	Cat.Nos	Function: selective measurement switches
1	0 146 50	Ammeters 1 network, 3-wire, 1 ammeter Range: PR 12 Max. rating: 16 Position: 0, L1, L2, L3 Number of contacts: 6 Function: 3 C.T. with common point without C.T.
1	0 275 34 0 275 35	Ammeters 1 network, 3-wire, 1 ammeter Range: PR 12 Max. rating: 16 Position: 0, L1, L2, L3 Number of contacts: 9 Function: 3 independent C.T.
1	0 146 52	Voltmeters 3-phase network, 1 voltmeter Range: PR 12 Max. rating: 16 Position: 0, L1L2, L3L1, L2L3 Number of contacts: 4 Function: without neutral
1	0 146 53	Voltmeters 3-phase network, 1 voltmeter Range: PR 12 Max. rating: 16 Position: 0, L1L2, L1N, L2L3, L2N, L3L1, L3N Number of contacts: 6 Function: with neutral

Control, safety and circuit isolation transformers

Single-phase



0 442 14



0 442 68



0 442 71

IP2X or XXB up to 400VA (coupling strip not mounted) - IPXXA over 400VA - IK 4

Conform to IEC EN 61558-2-2 and 2-4 or 2-6, UL506 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 1000VA. Interference filtering (except Cat.Nos 0 442 16/17/18)

Direct fixing possibility on symmetrical rail up to 250VA. Supplied with coupling strip 0V secondary / earth up to 1000VA (except spring connection range)

Control and safety - screw connection

Pack	Cat.Nos	Power in VA			24 V	48 V
		according to IEC and CSA	according to UL	Instantaneous admissible power at cos φ = 0.5		
Input voltage = 230V-400V ± 15V						
Output voltage = 24V						
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	1500		
1	0 442 18	1000	700	2000		
Input voltage = 460V ± 20V						
Output voltage = 24V						
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	980		
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 = 230-400V ± 15V						
Output voltage = 24-48V						
Supplied with 2 coupling strips						
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	1700		
1	0 442 38	1000	700	2000		
1	0 442 39	1600	700	8500		
1	0 442 40	2500	1400	3300		

Control and safety - spring connection

Pack	Cat.Nos	Power in VA		
		according to IEC and CSA	according to UL	Instantaneous admissible power at cos φ = 0.5
Input voltage = 230-400V ± 15V				
Output voltage = 24V				
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

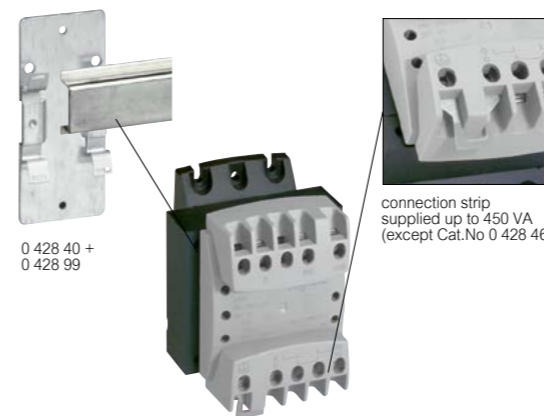
Pack	Cat.Nos	Power in VA		
		according to IEC and CSA	according to UL	Instantaneous admissible power at cos φ = 0.5
Input voltage = 230-400V ± 15V				
Output voltage = 115-230V				
Supplied with 2 coupling strips				
1	0 442 61	40	40	50
1	0 442 62	63	63	86
1	0 442 63	100	100	150
1	0 442 64	160	140	250
1	0 442 65	250	210	430
1	0 442 66	400	300	1100
1	0 442 67	630	500	1600
1	0 442 68	1000	700	2000
1	0 442 69	1600	700	6100
1	0 442 70	2500	1300	7100
1	0 442 71	4000	2400	11400
1	0 442 72	5000	3300	17500
1	0 442 73	6300	3700	16000
1	0 442 74	8000	4500	32100
Input voltage = 460V ± 20V				
Output voltage = 115-230V				
Supplied with 2 coupling strips				
1	0 442 81	40	40	50
1	0 442 82	63	63	86
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	1100
1	0 442 87	630	500	1600
1	0 442 88	1000	700	2000
1	0 442 89	1600	700	6100
1	0 442 90	2500	1300	7100
1	0 442 91	4000	2400	11400

Control and circuit isolation - spring connection

Pack	Cat.Nos	Power in VA		
		according to IEC and CSA	according to UL	Instantaneous admissible power at cos φ = 0.5
Input voltage = 230V ± 15V				
Output voltage = 230V				
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 40 +
0 428 99

connection strip
supplied up to 450 VA
(except Cat.No 0 428 46)

0 428 41 supplied with connection strip



0 427 92

IP2X or XXB up to 450VA - up to 310VA in 12-24V - (coupling strip not mounted) - IK04

Clip on fixing possibility up to 160VA with accessories Cat.No 0 044 16 or 0 428 99

Transformers with 2 secondary voltage supplied with coupling strip

Transformers up to 450VA supplied with isolated strip for 0V connection secondary / earth (except Cat.No 0 428 46)

Conform to IEC EN 61558-2-6 for 12 V, 24V and 48V and conform to IEC EN 61558-2-4 for 115V and 230V

Products suitable for building equipment conforming to standards EN 61131-2, EN 60204-1 and EN 61 439-1

Safety

Pack	Cat.Nos	Power (VA)	Primary terminal flexible cable (mm²)		Secondary terminal flexible cable (mm²)	
			1 to 4	1 to 4	1 to 4	1 to 4
Input voltage = 230-400V						
Output voltage = 12-24V						
1	0 428 40	40	1 to 4	1 to 4	1 to 4	1 to 4
1	0 428 41	63	1 to 4	1 to 4	1 to 4	1 to 4
1	0 428 42	100	1 to 4	1 to 4	1 to 4	1 to 4
1	0 428 43	160	1 to 4	1 to 4	1 to 4	1 to 4
1	0 428 44	220	1 to 4	1 to 4	1 to 4	1 to 4
1	0 428 45	310	1 to 4	1 to 4	1 to 4	1 to 4
1	0 428 46	450	1 to 4	1 to 16	1 to 4	1 to 4
1	0 428 47	630	1 to 4	1 to 16	1 to 4	1 to 4
1	0 428 49	1000	0.25 to 6	4 to 35	1 to 4	1 to 4
Input voltage = 230-400V						
Output voltage = 24V						
1	0 428 55	40	1 to 4	1 to 4	1 to 4	1 to 4
1	0 428 56	63	1 to 4	1 to 4	1 to 4	1 to 4
1	0 428 57	100	1 to 4	1 to 4	1 to 4	1 to 4
1	0 428 58	160	1 to 4	1 to 4	1 to 4	1 to 4
1	0 428 59	220	1 to 4	1 to 4	1 to 4	1 to 4
1	0 428 60	310	1 to 4	1 to 4	1 to 4	1 to 4
1	0 428 61	450	1 to 4	1 to 4	1 to 4	1 to 4
1	0 428 62	630	1 to 4	1 to 16	1 to 4	1 to 4
Input voltage = 230-400V						
Output voltage = 24-48V						
1	0 428 70	40	1 to 4	1 to 4	1 to 4	1 to 4
1	0 428 71	63	1 to 4	1 to 4	1 to 4	1 to 4
1	0 428 72	100	1 to 4	1 to 4	1 to 4	1 to 4
1	0 428 73	160	1 to 4	1 to 4	1 to 4	1 to 4
1	0 428 74	220	1 to 4	1 to 4	1 to 4	1 to 4
1	0 428 75	310	1 to 4	1 to 4	1 to 4	1 to 4
1	0 428 76	450	1 to 4	1 to 4	1 to 4	1 to 4
1	0 428 77	630	1 to 4	1 to 4	1 to 4	1 to 4

Circuits isolation

Pack	Cat.Nos	Power (VA)	Primary terminal flexible cable (mm²)		Secondary terminal flexible cable (mm²)	
			1 to 4	1 to 4	1 to 4	1 to 4
Input voltage = 230-400V						
Output voltage = 115-230V						
1	0 427 85	40	1 to 4	1 to 4	1 to 4	1 to 4
1	0 427 86	63	1 to 4	1 to 4	1 to 4	1 to 4
1	0 427 87	100	1 to 4	1 to 4	1 to 4	1 to 4
1	0 427 88	160	1 to 4	1 to 4	1 to 4	1 to 4
1	0 427 89	220	1 to 4	1 to 4	1 to 4	1 to 4
1	0 427 90	310	1 to 4	1 to 4	1 to 4	1 to 4
1	0 427 91	450	1 to 4	1 to 4	1 to 4	1 to 4
1	0 427 92	630	1 to 4	1 to 4	1 to 4	1 to 4

Accessories

Pack	Cat.Nos	Description
5	0 428 99	For clip on rail (90° mounting) of transformers up to 160 VA with 2 claws
10	0 044 16	Plate Claw width 10mm Threaded hole For M4 screw

Transformers and auto-transformers IP55

Single-phase



Pack	Cat.Nos	Safety transformers																								
		Conform to standard IEC EN 61558-2-6 For 63VA transformers: • Fuse cartridges: 5 x 20 time-delayed • Fuse carrier: Cat.No 0 371 81 For 100VA and greater transformers: • Up to 25A : gG 10 x 38 fuse cartridges and fuse carrier Cat. No. 0 058 08 • From 25A to 50A : gG 14 x 51 fuse cartridges and fuse carrier Cat.No 0 215 01 • From 50A upwards : gG 22 x 58 fuse cartridges and fuse carrier Cat.No 0 216 01 • C curve MCBs																								
		Input voltage = 230-400V Output voltage = 24-48V																								
		<table border="1"> <thead> <tr> <th>Power (VA)</th> <th>Primary terminal flexible cable (mm²)</th> <th>Secondary terminal flexible cable cross-section (mm²)</th> </tr> </thead> <tbody> <tr><td>63</td><td>4</td><td>4</td></tr> <tr><td>100</td><td>4</td><td>4</td></tr> <tr><td>160</td><td>4</td><td>4</td></tr> <tr><td>250</td><td>4</td><td>4</td></tr> <tr><td>400</td><td>4</td><td>16</td></tr> <tr><td>630</td><td>4</td><td>16</td></tr> <tr><td>1000</td><td>4</td><td>16</td></tr> </tbody> </table>	Power (VA)	Primary terminal flexible cable (mm ²)	Secondary terminal flexible cable cross-section (mm ²)	63	4	4	100	4	4	160	4	4	250	4	4	400	4	16	630	4	16	1000	4	16
Power (VA)	Primary terminal flexible cable (mm ²)	Secondary terminal flexible cable cross-section (mm ²)																								
63	4	4																								
100	4	4																								
160	4	4																								
250	4	4																								
400	4	16																								
630	4	16																								
1000	4	16																								
		Input voltage = 230V Output voltage = 12V																								
		<table border="1"> <thead> <tr> <th>Power (VA)</th> <th>Primary terminal flexible cable (mm²)</th> <th>Secondary terminal flexible cable cross-section (mm²)</th> </tr> </thead> <tbody> <tr><td>63</td><td>4</td><td>4</td></tr> <tr><td>100</td><td>4</td><td>4</td></tr> <tr><td>160</td><td>4</td><td>4</td></tr> <tr><td>250</td><td>4</td><td>4</td></tr> <tr><td>400</td><td>4</td><td>16</td></tr> <tr><td>630</td><td>4</td><td>16</td></tr> </tbody> </table>	Power (VA)	Primary terminal flexible cable (mm ²)	Secondary terminal flexible cable cross-section (mm ²)	63	4	4	100	4	4	160	4	4	250	4	4	400	4	16	630	4	16			
Power (VA)	Primary terminal flexible cable (mm ²)	Secondary terminal flexible cable cross-section (mm ²)																								
63	4	4																								
100	4	4																								
160	4	4																								
250	4	4																								
400	4	16																								
630	4	16																								

Pack	Cat.Nos	Circuit isolation transformers																								
		Conform to standard IEC EN 61558-2-4 Input voltage = 230-400V Output voltage = 115-230V																								
		<table border="1"> <thead> <tr> <th>Power (VA)</th> <th>Primary terminal flexible cable (mm²)</th> <th>Secondary terminal flexible cable cross-section (mm²)</th> </tr> </thead> <tbody> <tr><td>63</td><td>4</td><td>4</td></tr> <tr><td>100</td><td>4</td><td>4</td></tr> <tr><td>160</td><td>4</td><td>4</td></tr> <tr><td>250</td><td>4</td><td>4</td></tr> <tr><td>400</td><td>4</td><td>16</td></tr> <tr><td>630</td><td>4</td><td>16</td></tr> <tr><td>1000</td><td>4</td><td>16</td></tr> </tbody> </table>	Power (VA)	Primary terminal flexible cable (mm ²)	Secondary terminal flexible cable cross-section (mm ²)	63	4	4	100	4	4	160	4	4	250	4	4	400	4	16	630	4	16	1000	4	16
Power (VA)	Primary terminal flexible cable (mm ²)	Secondary terminal flexible cable cross-section (mm ²)																								
63	4	4																								
100	4	4																								
160	4	4																								
250	4	4																								
400	4	16																								
630	4	16																								
1000	4	16																								

Pack	Cat.Nos	Auto-transformers																					
		Single phase - protected 400-230V or 230-400V by reversibility Conform to standard IEC 61558-2-13																					
		<table border="1"> <thead> <tr> <th>Power (kVA)</th> <th>Terminal primary flexible cable (mm²)</th> <th>Terminal secondary flexible cable (mm²)</th> </tr> </thead> <tbody> <tr><td>0.25</td><td>4</td><td>4</td></tr> <tr><td>0.5</td><td>4</td><td>4</td></tr> <tr><td>0.75</td><td>4</td><td>4</td></tr> <tr><td>1</td><td>4</td><td>4</td></tr> <tr><td>1.5</td><td>16</td><td>16</td></tr> <tr><td>2</td><td>16</td><td>16</td></tr> </tbody> </table>	Power (kVA)	Terminal primary flexible cable (mm ²)	Terminal secondary flexible cable (mm ²)	0.25	4	4	0.5	4	4	0.75	4	4	1	4	4	1.5	16	16	2	16	16
Power (kVA)	Terminal primary flexible cable (mm ²)	Terminal secondary flexible cable (mm ²)																					
0.25	4	4																					
0.5	4	4																					
0.75	4	4																					
1	4	4																					
1.5	16	16																					
2	16	16																					

Control, safety and circuit isolation transformers

Single-phase

Dimensions

Fig. 1: 40 to 400VA

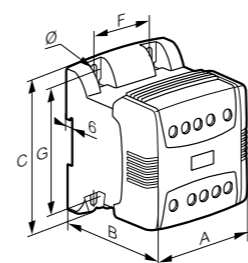


Fig. 2: 630-1000VA

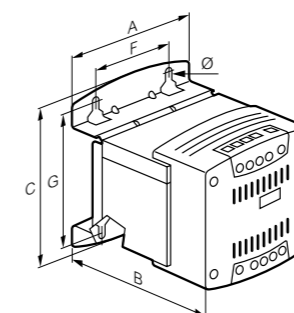


Fig. 3: 1600-2500VA

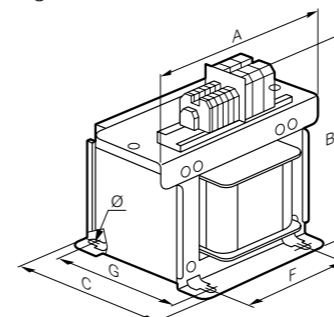
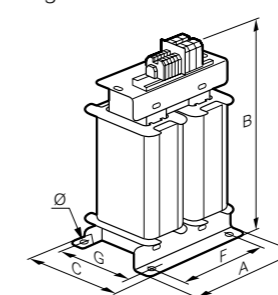


Fig. 4: 4000 to 8000VA



Cat.Nos	Power (VA)	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	220	245	191	150	153	9	25.6
0 442 40/50/70/90	2500	3	300	292	171	200	114	9	33.1
0 442 71/91	4000	4	230	340	205	180	130	11	31
0 442 72	5000	4	240	390	205	180	130	11	40
0 442 73	6300	4	240	390	205	180	130	11	45
0 442 74	8000	4	240	390	280	180	140	11	64

1: Direct fixing possibility on symmetrical rail up to 250VA

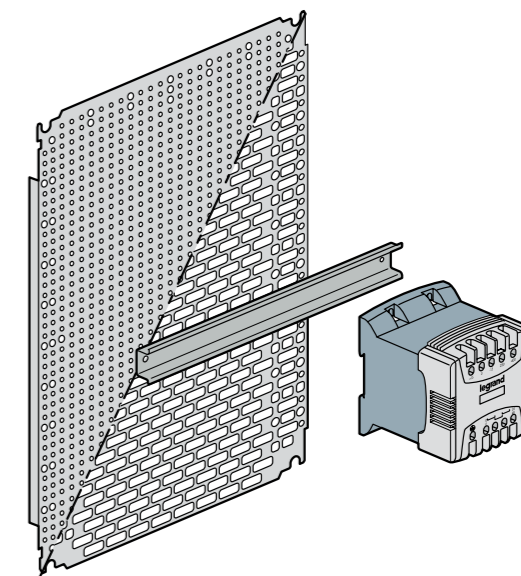
Associated protection

Nominal power (VA) 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

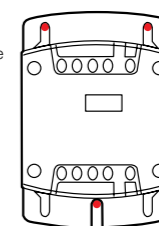
1: Fuse IEC 127 (5x20 T type cartridge fuse) - T: Time - lag fuse - L: Low breaking capacity

Fixing

On perforated plates Lina 25 and on Lina 12.5 plates
On symmetrical rail up to 250VA
fixing centres pitch 25mm up to 1000VA



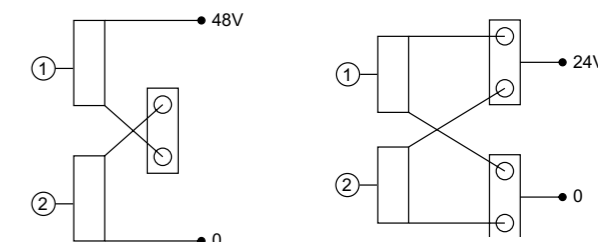
Attachment at 3 points possible with through oblong on the secondary side



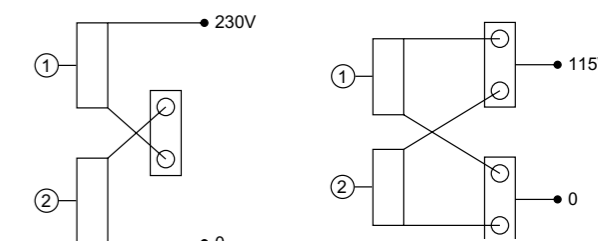
Adjustment of the output voltage on double output voltage range

Assembly of insulating coupling strip

Output voltage 24-48V



Output voltage 115-230V



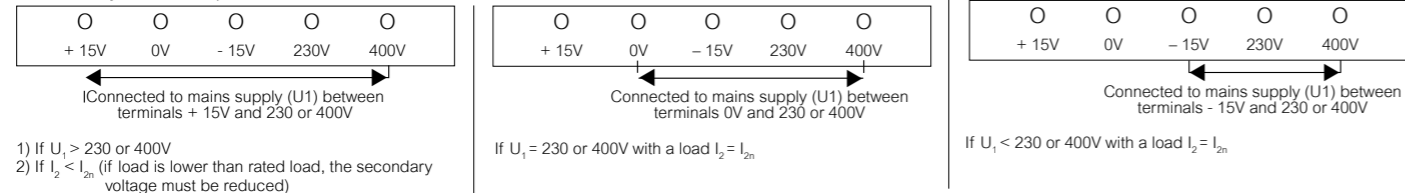
① : wiring 1
② : wiring 2

Control, safety and circuit isolation transformers (continued)

Single-phase

Characteristics

Single - phase 50-60Hz - class I
 Insulation voltage between windings: 4 510V
 Max. ambient operating temperature without derating: 50°C
 Use of adjustment taps



1) If $U_1 > 230$ or $400V$
 2) If $I_2 < I_{2n}$ (if load is lower than rated load, the secondary voltage must be reduced)

Transformer sizing

$P_{inrush} = 0.8 (\sum P_m + \sum P_r + P_a)$
 $\sum P_m$ = Sum of all contactors holding powers
 $\sum P_r$ = Sum of all indicators light powers
 P_a = Inrush power of the largest contactor

Cat.Nos	Power (VA)	Admissible instantaneous power (VA) 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 (mm ²)		Secondary cable (mm ²)	
Control and safety: Primary 230V - Secondary 24V																							
0 442 01/11	40	62	57	53	50	48	47	46	47	58	3.9	7.5	8.9	10.8	8.9	62.0	76.0	84.0	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	57.0	73.0	81.0	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	63.0	77.0	85.0	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	66.0	79.0	86.0	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	70.0	83.0	89.0	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	72.0	84.0	90.0	4.2	1 to 4	1 to 4	1 to 4	1 to 4
0 442 17	630	2700	2200	1800	1500	1300	1200	1100	1000	1000	24.1	58.0	2.0	3.3	4.6	78.0	88.0	92.0	3.7	1 to 16	1 to 16	1 to 16	1 to 16
0 442 18	1000	3400	2800	2300	2000	1800	1600	1500	1400	1300	44.2	73.9	1.3	2.1	2.8	80.0	89.0	93.0	2.3	1 to 16	1 to 16	1 to 16	1 to 16
Control and safety: Primary 460V - Secondary 24V																							
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	6.0	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	58.0	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 230-400V - Secondary 24-48V																							
0 442 31	40	63	58	55	52	50	48	48	49	60	3.9	7.3	8.7	10.5	8.5	62.0	77.0	84.0	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	57.0	73.0	82.0	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	66.0	80.0	87.0	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	66.0	80.0	87.0	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	70.0	83.0	89.0	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	72.0	84.0	90.0	4.2	1 to 4	1 to 4	1 to 4	1 to 4
0 442 37	630	2700	2200	1900	1700	1500	1300	1200	1200	1200	24.1	58.0	2.0	3.0	3.9	79.0	88.0	93.0	3.3	1 to 16	1 to 16	1 to 16	1 to 16
0 442 38	1000	3400	2800	2300	2000	1800	1600	1500	1400	1300	44.2	74.4	1.3	1.9	2.9	80.0	89.0	93.0	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	84.0	91.0	94.0	1.7	2.5 to 10	1.5 to 16	4 to 16	1.5 to 25
0 442 40	2500	4300	3900	3600	3300	3100	3000	2900	2900	3400	86.5	143.4	1.8	2.2	2.0	84.0	91.0	95.0	1.9	4 to 16	1.5 to 25	4 to 35	2.5 to 50
Control and circuit isolation: Primary 230-400V - Secondary 115-230V																							
0 442 51/61	40	62	57	53	50	48	47	46	47	57	3.9	7.4	8.7	10.5	8.8	62.0	76.0	84.0	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	62.0	76.0	84.0	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	63.0	78.0	85.0	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	67.0	80.0	87.0	6.9	1 to 4	1 to 4	1 to 4	1 to 4
0 442 55/65	250	560	510	460	430	410	390	380	370	430	14.9	31.7	5.2	6.6	6.2	70.0	83.0	89.0	6.1	1 to 4	1 to 4	1 to 4	1 to 4
0 442 56/66	400	200	1600	1300	1100	900	840	760	700	660	18.3	43.9	2.1	3.6	5.2	73.0	85.0	90.0	4.1	1 to 4	1 to 4	1 to 4	1 to 4
0 442 67	630	2700	2200	1800	1600	1400	1200	1100	1000	1000	24.1	53.2	2.1	3.3	4.5	78.0	88.0	92.0	3.6	1 to 16	1 to 16	1 to 16	1 to 16
0 442 68	1000	3400	2800	2300	2000	1800	1600	1500	1400	1300	44.2	73.6	1.3	2.0	2.7	80.0	89.0	93.0	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	83.0	91.0	94.0	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	83.0	91.0	94.0	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	84.0	91.0	94.0	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	87.4	279.0	1.5	2.3	2.9	84.0	91.0	95.0	2.3	4 to 16	1.5 to 25	4 to 16	1.5 to 25
0 442 73	6300	19900	18300	17000	16000	15300	14800	14600	14800	17900	117.9	530.0	2.2	2.6	2.3	87.0	93.0	96.0	2.3	4 to 16	1.5 to 25	4 to 16	1.5 to 25
0 442 74	8000	44600	39200	35200	32100	29800	28000	26700	26100	28500	195.0	336.5	1.3	1.7	1.8	88.0	93.0	96.0	1.6	4 to 16	1.5 to 25	4 to 16	1.5 to 25
Control and circuit isolation: Primary 460V - Secondary 115-230V																							
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	6.0	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	15.0	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	57.7	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											

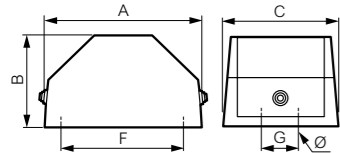
Transformers and auto-transformers IP55

Single-phase

Safety transformers

Insulation voltages:
 • Between windings: 4500V for 230-400V, 3550V for 230V
 • Between primary and earth: 2250V for 230-400V, 1800V for 230V
 • Between secondary and earth: 250V
 • Class II
 Insulation class B, ambient temperature: 25°C
 IP55 - IK07
 Secondary voltage by series-parallel connection: supplied with links

Cat. Nos 0 427 20 to 27 and 0 427 60 to 65



230-400V/24-48V

Cat. Nos	No-load loss (W)	Voltage drop (%)		Efficiency		Usc (%)	Dimensions (mm)			Fixing (mm)			Weight (kg)
		cos φ 1	cos φ 0.45	cos φ 1	cos φ 0.45		A	B	C	F	G	Ø	
0 427 20	8.7	8.5	4.2	0.82	0.68	6.7	182	92	112	143	-	6	3.6
0 427 21	7.8	7.6	3.7	0.88	0.76	6.1	192	92	112	158	-	6	4.2
0 427 22	14.5	7.6	3.6	0.86	0.74	6.1	207	100	122	167	-	6	6.3
0 427 23	13.3	7.9	3.9	0.89	0.78	6.4	215	100	122	175	-	6	6.7
0 427 24	17.3	6.4	3.7	0.90	0.80	5.3	245	130	156	203	50	6	11.5
0 427 25	30.5	4.6	2.5	0.92	0.84	3.7	290	150	190	247	50	6	19.2
0 427 26	32.7	3.7	3	0.94	0.87	3.4	290	150	190	247	50	6	19.7

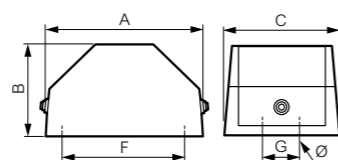
230V/12V

Cat. Nos	No-load loss (W)	Voltage drop (%)		Efficiency		Usc (%)	Dimensions (mm)			Fixing (mm)			Weight (kg)
		cos φ 1	cos φ 0.45	cos φ 1	cos φ 0.45		A	B	C	F	G	Ø	
0 427 60	8.7	8.5	4.2	0.82	0.68	6.7	182	92	112	143	-	6	3.5
0 427 61	7.6	10.6	5.0	0.78	0.61	8.4	182	92	112	143	-	6	3.5
0 427 62	8.4	9.2	4.5	0.84	0.71	7.4	192	92	112	158	-	6	4.1
0 427 63	15.5	7.9	3.6	0.89	0.78	5.7	215	100	122	175	-	6	6.6
0 427 64	27.3	7.8	3.7	0.79	0.62	6.2	265	130	156	223	50	6	11.9
0 427 65	31.3	4.6	2.5	0.92	0.84	3.7	290	150	190	247	50	6	19

Circuit isolation transformers

Insulation voltages:
 • Between windings: 4500V
 • Between primary and earth: 2250V
 • Between secondary and earth: 1800V for 230V, 2240V for 400V
 • Class II
 Insulation class B, ambient temperature: 25°C
 IP55 - IK07
 Secondary voltage by series-parallel connection: supplied with links

Cat. Nos 0 425 10 to 16



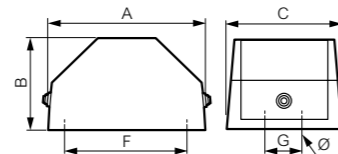
230-400V/115-230V

Cat. Nos	No-load loss (W)	Voltage drop (%)		Efficiency		Usc (%)	Dimensions (mm)			Fixing (mm)			Weight (kg)
		cos φ 1	cos φ 0.45	cos φ 1	cos φ 0.45		A	B	C	F	G	Ø	
0 425 10	9.6	13.4	6.2	0.77	0.6	11	182	92	112	143	-	6	3.5
0 425 11	10.4	11.9	5.4	0.88	0.77	12	192	92	112	158	-	6	4.3
0 425 12	16.2	7.1	3.7	0.83	0.69	6	207	100	122	167	-	6	6.3
0 425 13	15.7	8.5	4	0.88	0.77	8	215	100	122	175	-	6	6.7
0 425 14	27.3	6.3	3.5	0.87	0.75	5	245	130	156	203	50	6	11.5
0 425 15	30.9	4.7	3.2	0.9	0.8	4	270	150	190	227	50	6	18.6
0 425 16	30.9	2.2	1.8	0.93	0.86	2	270	150	190	227	50	6	18.7

Auto-transformers

50-60 Hz. Class II
 Insulation voltages:
 • Between winding and earth: 3000V
 Insulation:
 • Class B up to 2000VA, ambient temperature: 35°C
 IP55 - IK07 up to 2000VA

Cat. Nos 0 422 82 to 88



Single-phase protected

Cat. Nos	No-load loss (W)	Voltage drop (%) cos φ 0.8	Efficiency cos φ 0.8	Usc (%)	Dimensions (mm)			Fixing (mm)			Weight (kg)
					A	B	C	F	G	Ø	
0 422 82	5	7.5	0.78	8.2	182	92	112	143	-	6	3.5
0 422 84	11.8	5	0.71	6.1	207	100	122	167	-	6	6.3
0 422 85	12.2	3.9	0.77	4.5	207	100	122	167	-	6	6.3
0 422 86	19.2	3.2	0.82	3.6	245	130	156	203	50	6	11.5
0 422 87	30.6	1.8	0.86	2.1	270	150	190	227	50	6	18.7
0 422 88	33.7	1.9	0.8	2.3	270	150	190	227	50	6	18.7

Transformers sizing

Which transformer for which circuit ?

Each circuit needs a specific transformer output: transformer sizing depends on:
 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:

$$P_{inrush} = 0.8 (\sum P_m + \sum P_v + P_a)$$

Σ P_m: sum of all contactors holding powers
 Σ P_v: sum of all indicators light powers
 P_a: inrush power of the largest contactor

Example :

A machine tool control cabinet contains :

- 10 contactors for 4-kW motors, holding power 8VA
- 4 contactors for 18.5-kW motor, holding power 20VA
- 1 contactor for 45-kW motor, holding power 20VA, inrush power 250 VA cos φ 0.5
- 25 remote control relays, holding power 4VA
- 45 signalling lights, consumption 1VA

$$\begin{aligned} \sum P_m &= 10 \times 8VA = 80VA \\ &4 \times 20VA = 80VA \\ &1 \times 20VA = 20VA \\ &25 \times 4VA = 100VA \\ &280VA \end{aligned}$$

$$\begin{aligned} \sum P_v &= 45 \times 1VA = 45VA \\ P_a &= 250VA \end{aligned}$$

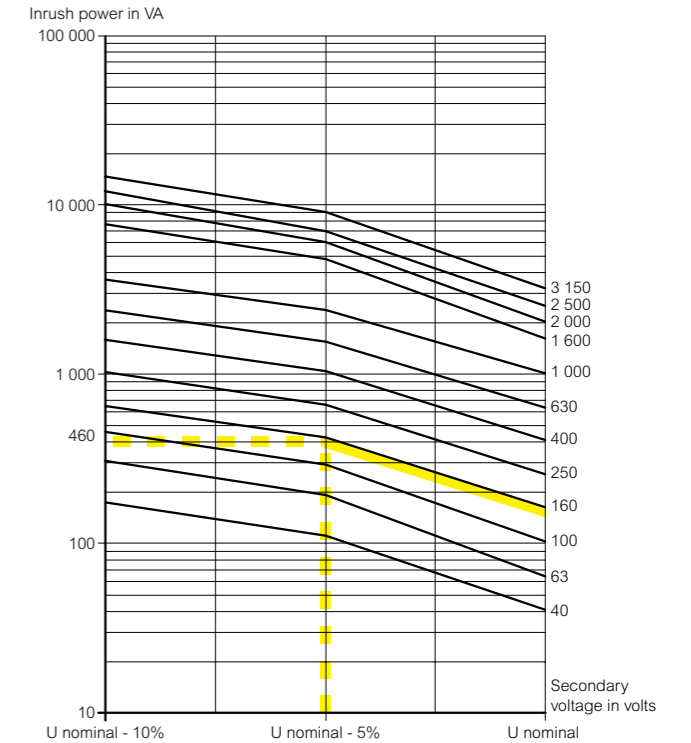
$$P_{inrush} = 0.8 (280 + 45 + 250) = 460VA \text{ at } \cos \phi 0.5$$

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 250VA



For power of 460VA cos φ 0.5, the curve at U nominal - 5%* indicates a value of 160VA
 * 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:

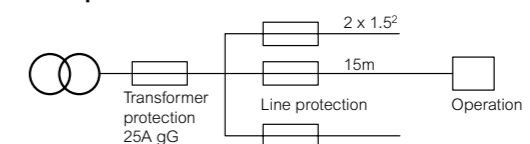
$$I_{c/c \text{ min}} = \frac{U_s}{\left(\frac{U_s^2}{P} \times \frac{U_{c/c} \%}{100} \right) + \frac{2\rho l}{S}}$$

U_s = 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 Ωmm²/m

Choose the protection rating so as to obtain a cut-off time of 5" max. for the current I_{c/c} defined above :

$$gG \text{ fuse : } I_n \leq \frac{I_{c/c \text{ min.}}}{4} \quad \text{type C MCB : } I_n \leq \frac{I_{c/c \text{ min.}}}{8}$$

Example : control transformer 630VA - 230/24V Cat.No 0 442 17



$$I_{c/c \text{ min.}} = \frac{24}{\left(\frac{24^2}{630} \times \frac{3.7}{100} \right) + \frac{2 \times 0.027 \times 15}{1.5}} = 41.82A$$

$$\frac{41.82}{4} = 10.45 \rightarrow gG \text{ 10A max.} \quad \frac{41.82}{8} = 5.22 \rightarrow DX \text{ 5A max. C.curve}$$

SWITCHED MODE POWER SUPPLIES
SUPPLIES

HIGH POWER AND
NEW FUNCTIONS IN A
COMPACT UNIT

Conforming to UL508, IEC EN 60950-1 and IEC EN 61204-3 standards and UL-approved in USA and Canada.



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 adjusted 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-phase

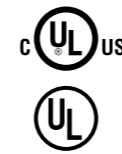


Conforming to standards UL 508, IEC EN 60950-1 and IEC EN 61204-3
UL-approved in USA and Canada
Operating frequency: 50/60Hz
Output voltage present indicator
Potentiometer for adjusting the output voltage on front panel
Integrated short-circuit and overload protection
With signal or relay contact for feedback on the status of the active output voltage (except 75W)
Connection with copper conductors only
For mounting on a symmetrical rail depth 7.5mm and 15mm

Pack	Cat.Nos	Single-phase 20 - 60W																				
		No-load power consumption < 0.75W Adjustable output voltage Plastic casing																				
		Input voltage: 100 to 240V~ Output voltage: 12V=																				
		<table border="1"> <thead> <tr> <th>Nominal power (W)</th> <th>Nominal rating (A)</th> <th>Setting range (V)</th> <th>Width (mm)</th> </tr> </thead> <tbody> <tr> <td>20</td> <td>1.67</td> <td>10.8 to 13.2</td> <td>23</td> </tr> <tr> <td>40</td> <td>3.33</td> <td>12 to 15</td> <td>40</td> </tr> <tr> <td>60</td> <td>5.00</td> <td>12 to 15</td> <td>40</td> </tr> </tbody> </table>	Nominal power (W)	Nominal rating (A)	Setting range (V)	Width (mm)	20	1.67	10.8 to 13.2	23	40	3.33	12 to 15	40	60	5.00	12 to 15	40				
Nominal power (W)	Nominal rating (A)	Setting range (V)	Width (mm)																			
20	1.67	10.8 to 13.2	23																			
40	3.33	12 to 15	40																			
60	5.00	12 to 15	40																			
		Input voltage: 100 to 240V~ Output voltage: 24V=																				
		<table border="1"> <thead> <tr> <th>Nominal power (W)</th> <th>Nominal rating (A)</th> <th>Setting range (V)</th> <th>Width (mm)</th> </tr> </thead> <tbody> <tr> <td>24</td> <td>1</td> <td>21.6 to 26.4</td> <td>23</td> </tr> <tr> <td>40</td> <td>1.70</td> <td>24 to 30</td> <td>40</td> </tr> <tr> <td>60</td> <td>2.50</td> <td>24 to 30</td> <td>40</td> </tr> </tbody> </table>	Nominal power (W)	Nominal rating (A)	Setting range (V)	Width (mm)	24	1	21.6 to 26.4	23	40	1.70	24 to 30	40	60	2.50	24 to 30	40				
Nominal power (W)	Nominal rating (A)	Setting range (V)	Width (mm)																			
24	1	21.6 to 26.4	23																			
40	1.70	24 to 30	40																			
60	2.50	24 to 30	40																			
		Input voltage: 100 to 240V~ Output voltage: 48V=																				
		<table border="1"> <thead> <tr> <th>Nominal power (W)</th> <th>Nominal rating (A)</th> <th>Setting range (V)</th> <th>Width (mm)</th> </tr> </thead> <tbody> <tr> <td>60</td> <td>1.25</td> <td>48 to 56</td> <td>40</td> </tr> </tbody> </table>	Nominal power (W)	Nominal rating (A)	Setting range (V)	Width (mm)	60	1.25	48 to 56	40												
Nominal power (W)	Nominal rating (A)	Setting range (V)	Width (mm)																			
60	1.25	48 to 56	40																			
		Single-phase 75 - 960W 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 120W) Adjustable output voltage Aluminium casing																				
		Input voltage: 100 to 240V~ Output voltage: 12V=																				
		<table border="1"> <thead> <tr> <th>Nominal power (W)</th> <th>Nominal rating (A)</th> <th>Setting range (V)</th> <th>Width (mm)</th> </tr> </thead> <tbody> <tr> <td>75</td> <td>6.3</td> <td>12 to 14</td> <td>32</td> </tr> <tr> <td>120</td> <td>10</td> <td>12 to 14</td> <td>40</td> </tr> </tbody> </table>	Nominal power (W)	Nominal rating (A)	Setting range (V)	Width (mm)	75	6.3	12 to 14	32	120	10	12 to 14	40								
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120	10	12 to 14	40																			
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Nominal power (W)	Nominal rating (A)	Setting range (V)	Width (mm)																			
75	3.2	24 to 28	32																			
120	5	24 to 28	40																			
240	10	24 to 28	63																			
480	20	24 to 28	86																			
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120	2.5	48 to 55	40																			
240	5	48 to 55	63																			
480	10	48 to 55	86																			

Stabilised switched mode power supplies

Single/two-phase and three-phase



Conforming to standards UL 508, IEC EN 60950-1 and IEC EN 61204-3
UL-approved in USA (and Canada for Cat. Nos. 1 466 54/63/82)
Operating frequency: 50/60Hz
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 7.5mm and 15mm

Pack	Cat.Nos	Single/two-phase 120 - 480W 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 240W) Adjustable output voltage Aluminium casing																
		Input voltage: 200 to 500V~ Output voltage: 12V=																
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240	10	24 to 28	63															
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Nominal power (W)	Nominal rating (A)	Setting range (V)	Width (mm)															
120	2.5	48 to 58	40															
240	5	48 to 55	63															
480	10	48 to 55	86															
		Three-phase 960W																
		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 500V~ Output voltage: 24V=																
		<table border="1"> <thead> <tr> <th>Nominal power (W)</th> <th>Nominal rating (A)</th> <th>Setting range (V)</th> <th>Width (mm)</th> </tr> </thead> <tbody> <tr> <td>960</td> <td>40</td> <td>24 to 28</td> <td>110</td> </tr> </tbody> </table>	Nominal power (W)	Nominal rating (A)	Setting range (V)	Width (mm)	960	40	24 to 28	110								
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Stabilised switched mode power supplies

Additional functions

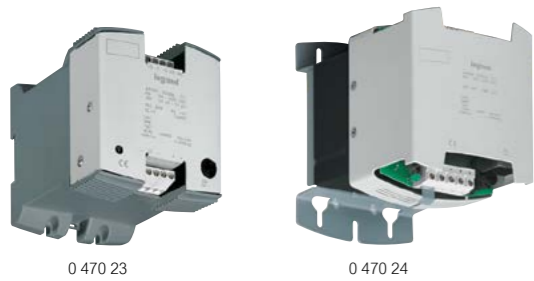


Used to ensure optimum continuity of service for critical functions

Pack	Cat.Nos	Backup function				
		Backup function module In conjunction with a battery pack, ensures continuity of service of a 24V= 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 7.5mm and 15mm Input voltage: 24 to 29V= <table border="1"> <thead> <tr> <th>Max. rating (A)</th> <th>Width (mm)</th> </tr> </thead> <tbody> <tr> <td>40</td> <td>56</td> </tr> </tbody> </table>	Max. rating (A)	Width (mm)	40	56
Max. rating (A)	Width (mm)					
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 <table border="1"> <thead> <tr> <th>Capacitance (Ah)</th> <th>Voltage (V)</th> </tr> </thead> <tbody> <tr> <td>9</td> <td>24</td> </tr> </tbody> </table>	Capacitance (Ah)	Voltage (V)	9	24
Capacitance (Ah)	Voltage (V)					
9	24					
		Redundancy function				
		Redundancy function module Can be used to control two 24V= 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 7.5mm and 15mm Input voltage: 21 to 28V= <table border="1"> <thead> <tr> <th>Maximum rating (A)</th> <th>Width (mm)</th> </tr> </thead> <tbody> <tr> <td>20</td> <td>56</td> </tr> </tbody> </table>	Maximum rating (A)	Width (mm)	20	56
Maximum rating (A)	Width (mm)					
20	56					

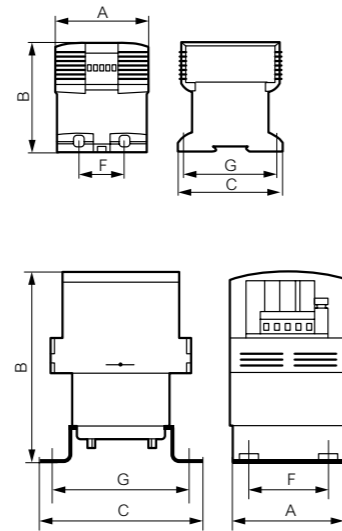
Filtered rectified power supplies

Filtered rectified power supplies



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 15A
 Clip-on only up to 24W, clip-on or screw fixing up to 120W
 Above 120W: screw fixing
 Conform to standards IEC and EN 61558-2-6, UL 60950 and CAN/CSA-C22.2 No 60 950.00
 UL USA and Canada agreements up to 240V
 Products suitable for building equipment conforming to standards EN 61131-2, EN 60204 and EN 60439-1

Dimensions



Cat.Nos	Out voltage (V)	Out current (A)	Fig.	Dimensions (mm)			Fixing (mm)			Weight (kg)
				A	B	C	F	G	Ø	
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

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

24V_{DC}
 230-400V ± 15V_{AC} (primary) / 24V_{DC} (secondary)

Pack	Cat.Nos	Output		Terminal capacity Flexible cables	
		(W)	(A)	Input	Output
1	0 470 21	24	1	6	6
1	0 470 22	60	2.5	6	6
1	0 470 23	120	5	6	6
1	0 470 24	240	10	6	6
1	0 470 25	360	15	6	6
1	0 470 26	600	25	6	10
1	0 470 28	960	40	6	16
1	0 470 29	1200	50	16	16

Cat.Nos	Primary on-load (A) current		Operating voltages				No-load losses (W)	Total losses at 100% load (W)	Voltage drop %
	at 230 V	at 400 V	Open circuit (V)	On-load (V)	On-load 100 mA and primary voltage + 10 %	Nominal on-load and primary voltage - 15 %			
	0 470 21	0.18	0.10	29.0	22.8	31.2			
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

SOLUTIONS FOR POWER CONNECTION

P17 TEMPRA PRO

suitable for all environments



IP44
 Sockets for internal and external use, protected against projections of water (but not exposed to direct jets).

IP66/67
 Weatherproof sockets that can withstand temporary immersion (unplug in torrential rain, floods, etc.).

- From 16 to 125A
- 2 P+E / 3 P+E / 3 P+N+E
- From 100 to 500V_{AC}
- 50/60Hz
- IK09 - Polyamide 6
- Conform to IEC 60 309-1 and 2
- Screw connection

100 to 130V _{AC} 50/60Hz	Consult us
200 to 250VA 50/60Hz	
380 to 415VA 50/60Hz	
440 to 460V _{AC} 50/60Hz	Consult us
480 to 500V _{AC} 50/60Hz	Consult us

FOUR FUNCTIONS AVAILABLE



QUICK OPENING/CLOSING SYSTEM

Unlocked by pressing with a screwdriver. Marking indicates the location for the locking clip.

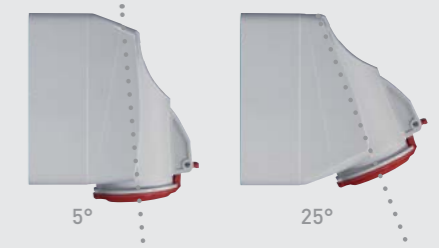


Opened by turning the 2 parts in opposite directions.



2 MOUNTING POSITIONS

To solve the problem of limited space, the surface mounting sockets offer 2 different mounting positions (5° or 25°) which allow users to adapt to the space available without changing the box.



P 17 Tempra Pro IP44 - LV 16 and 32A

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 250V~ 50/60 Hz	16A	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⁾
	32A	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 415V~ 50/60 Hz	16A	2P+E	5 551 57			5 551 07	5 551 27			
		3P+E	5 551 58	5 551 88	0 573 58	0 573 01 ⁽¹⁾	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⁾
	32A	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 460V~ 50/60Hz	16A	3P+E	5 551 60	5 551 90		5 551 10	5 551 30			
	32A	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 - 2: Protection covers not supplied

Other voltages available on request
Please contact Legrand



P 17 Tempra Pro IP66/67 - LV 16, 32, 63 and 125A

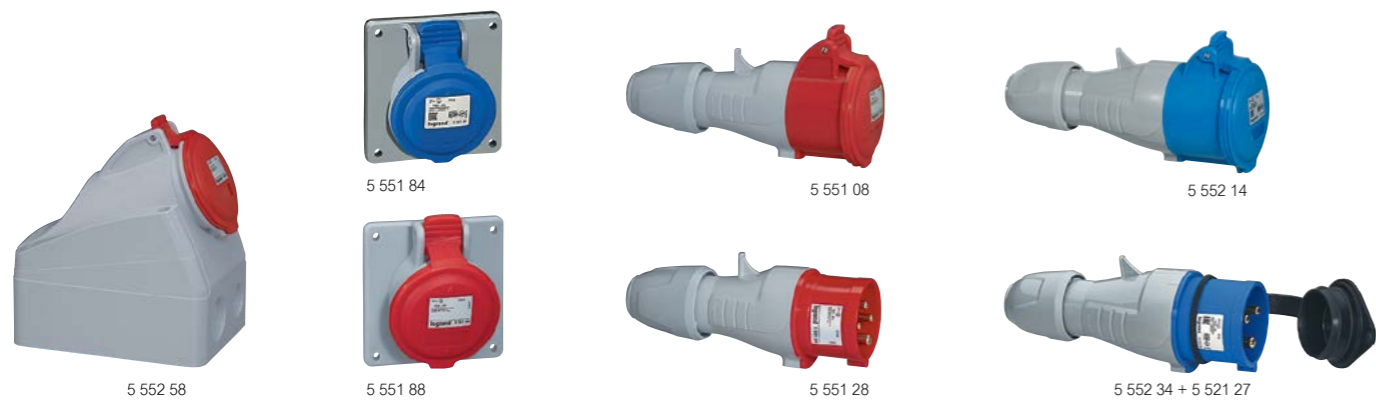
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LV		Female connector	Female connector	Female connector	Female connector	Male connector	Male connector	Male connector	
200 to 250V~ 50/60Hz	16A	2P+E	5 553 54	5 553 84	0 573 20 ⁽¹⁾⁽²⁾	5 553 04	5 553 24	0 565 03	0 568 03
		3P+E	5 553 55	5 553 85		5 553 05	5 553 25		0 568 04
		3P+N+E	5 553 56	5 553 86		5 553 06	5 553 26		
	32A	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		
	63A	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		
16A	3P+E	5 553 58	5 553 88	0 573 21 ⁽¹⁾⁽²⁾	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	
	32A	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	
63A	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	
125A	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	
440V~ 50/60Hz for refrigerated containers	32A	3P+E	5 554 91		5 554 21	5 554 41			

1: IP55 - 2: Can be fitted only on faceplate Cat.No 0 577 23

P 17 Tempra Pro IP44 - LV 16 and 32A

Sockets, plugs, mobile sockets, appliance inlets and interlocked switched sockets



Pack Cat.Nos Surface mounting sockets

Pack	IP44		Description
	16A	32A	
1015	5 551 54	5 552 54	200/250V~ 2P+E
	5 551 55	5 552 55	3P+E
	5 551 56	5 552 56	3P+N+E
5	5 551 57	5 552 57	380/415V~ 2P+E
	5 551 58	5 552 58	3P+E
	5 551 59	5 552 59	3P+N+E

Panel mounting sockets inclined outlet

Can be fixed on plain faceplates or pre-drilled and on flush mounting boxes

Pack	IP44		Description
	16A	32A	
10	5 551 84	5 552 84	200/250V~ 2P+E
	5 551 85	5 552 85	3P+E
	5 551 86	5 552 86	3P+N+E
10	5 551 88	5 552 88	380/415V~ 3P+E
	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

Pack	IP44		Description
	16A	32A	
5	0 573 54	0 580 54	200/250V~ 2P+E
5	0 573 58	0 580 58	380/415V~ 3P+E
5	0 573 59	0 580 59	3P+N+E

Interlocked switched sockets with small flange

Dimensions: 125 x 105mm
Can be fixed only on faceplate
Cat.No 0 577 23

Pack	16A		Description
	IP44	IP55	
1	0 573 00	0 573 20	200/250V~ 2P+E
1	0 573 01	0 573 21	380/415V~ 3P+E
1	0 573 02	0 573 22	3P+N+E

Pack Cat.Nos Mobile sockets

Cable clamping and closing without screws
Supplied unlocked

Pack	IP44		Description
	16A	32A	
10	5 551 04	5 552 14	200/250V~ 2P+E
	5 551 05	5 552 15	3P+E
	5 551 06	5 552 16	3P+N+E
5	5 551 07	5 552 17	380/415V~ 2P+E
	5 551 08	5 552 18	3P+E
	5 551 09	5 552 19	3P+N+E

Straight plugs

Cable clamping and closing without screws
Supplied unlocked

Pack	IP44		Description
	16A	32A	
10	5 551 24	5 552 34	200/250V~ 2P+E
	5 551 25	5 552 35	3P+E
	5 551 26	5 552 36	3P+N+E
5	5 551 27	5 552 37	380/415V~ 2P+E
	5 551 28	5 552 38	3P+E
	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	IP44		Description
	16A	32A	
5	0 574 40	0 581 40	380/415V~ 3P+E
5	0 574 41	0 581 41	3P+N+E

Appliance inlets

Pack	IP44		Description
	16A	32A	
5	0 575 84	0 582 84	200/250V~ 2P+E
5	0 575 85	0 582 85	3P+E
5	0 575 86	0 582 86	3P+N+E
5	0 575 88	0 582 88	380/415V~ 3P+E
	0 575 89	0 582 89	3P+N+E

Protection covers

IP67
IP44 maintained with the plug inserted
For plugs and appliance inlets:

10	Rubber	0 521 25	2P+E - 16A
5		0 521 26	3P+E - 16A
5		0 521 27	3P+N+E - 16A / 2P+E and 3P+E - 32A
5		0 521 28	3P+N+E - 32A

P 17 Tempra - domestic pin configuration

16A - 250VA



Pack Cat.Nos Panel mounting sockets

Domestic pin configuration German standard sockets
IP54 cover closed - IP44 connected
IK09 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

White panel mounting sockets
Blue panel mounting sockets with shutters

Panel mounting sockets
Can be fixed on pre-cut or plain faceplate for combined units, flush-mounting boxes
Cat.Nos 0 577 21/22

Blue panel mounting sockets
Blue panel mounting sockets with shutters

Pack	Cat.Nos	Description
20	0 576 69	White panel mounting sockets
20	0 576 75	Blue panel mounting sockets with shutters
20	0 576 72	Blue panel mounting sockets
	0 576 76	Blue panel mounting sockets with shutters

Panel mounting adaptor

1	0 539 48	Accepts Arteor and Mosaic mechanisms 2 modules (except particular prominence)
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Adaptor

10	0 521 05	16A - 250V~ IEC input 2P+E Output: empty model to be equipped with Mosaic mechanism all standards
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Flush-mounting boxes

IP55
For panel mounting sockets inclined outlet installation (IP44 or IP66/67)
Flush mounting boxes with faceplates

For 2 panel mounting sockets
With single fixing centres
70 x 70mm - 16A

For 1 panel mounting socket
With single fixing centres
70 x 70mm - 16 or 32A
(32A to be fixed horizontally)

3	0 577 21	For 2 panel mounting sockets
3	0 577 22	For 1 panel mounting socket

P 17 Tempra IP44

ELV 16 and 32A



Pack Cat.Nos Surface mounting sockets

5	0 552 06	0 552 56	20/25V~ 2P
---	----------	----------	------------

Panel mounting sockets

5	0 552 45	0 552 95	20/25V~ 2P
---	----------	----------	------------

Straight plugs

5	0 552 21	0 552 71	20/25V~ 2P
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Mobile sockets

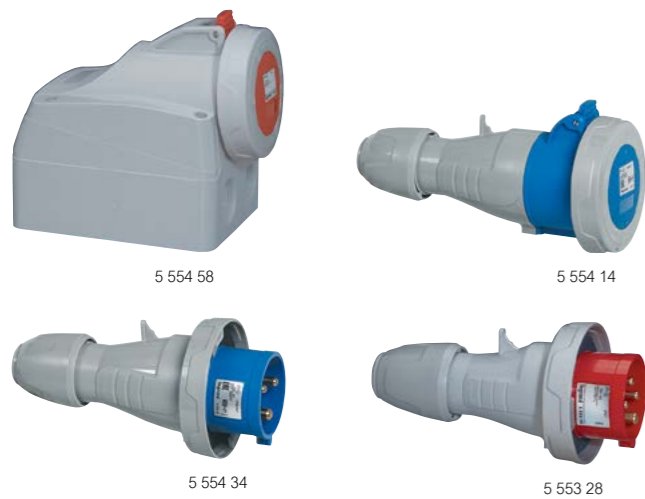
5	0 552 31	0 552 81	20/25V~ 2P
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Appliance inlets

5	0 552 41	0 552 91	20/25V~ 2P
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P 17 Tempra Pro IP66/67

LV 16 and 32A



Pack	Cat.Nos	Surface mounting sockets
		Two possible angles (5° or 25°)
5	16A 5 553 54 32A 5 554 54	200/250V~ 2P+E
5	5 553 55 5 554 55	3P+E
5	5 553 56 5 554 56	3P+N+E
		380/415V~
5	5 553 58 5 554 58	3P+E
5	5 553 59 5 554 59	3P+N+E
		Panel mounting sockets
		Can be fixed on the faceplates
5	16A 5 553 84 32A 5 554 84	200/250V~ 2P+E
5	5 553 85 5 554 85	3P+E
5	5 553 86 5 554 86	3P+N+E
		380/415V~
5	5 553 88 5 554 88	3P+E
5	5 553 89 5 554 89	3P+N+E
		Mobile sockets
		Supplied unlocked
5	16A 5 553 04 32A 5 554 14	200/250V~ 2P+E
5	5 553 05 5 554 15	3P+E
5	5 553 06 5 554 16	3P+N+E
		380/415V~
5	5 553 08 5 554 18	3P+E
5	5 553 09 5 554 19	3P+N+E
		Straight plugs
		Supplied unlocked
5	16A 5 553 24 32A 5 554 34	200/250V~ 2P+E
5	5 553 25 5 554 35	3P+E
5	5 553 26 5 554 36	3P+N+E
		380/415V~
5	5 553 28 5 554 38	3P+E
5	5 553 29 5 554 39	3P+N+E
		Appliance inlets
5	16A 0 568 03 32A 0 568 23	200/250V~ 2P+E
5	0 568 04 -	3P+E
		380/415V~
5	0 568 07 0 568 27	3P+E
5	0 568 08 0 568 28	3P+N+E

P 17 Tempra Pro IP66/67

LV 32A for refrigerated containers



Pack	Cat.Nos	Combined unit, plug and mobile socket for refrigerated containers
1	6 571 06	32 A - 440V~ - 50/60Hz - 3P+E - 3 hours IK09 Plastic body and cover - Stainless steel screws 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
5	5 554 41	With cable grip ø12 to 21.5mm Straight plug With cable grip ø12 to 21.5mm

P 17 Tempra IP66/67

LV 63 and 125A



Pack	Cat.Nos	Surface mounting sockets
2	63A 0 587 40 125A	200/250V~ 2P+E
2	0 587 44 0 591 06	380/415V~ 3P+E
2	0 587 45 0 591 07	3P+N+E
		Panel mounting sockets
		Can be fixed on the faceplates Cat.Nos 0 577 17/19
2	63A 0 587 20 125A	200/250V~ 2P+E
2	0 587 24 0 591 16	380/415V~ 3P+E
2	0 587 25 0 591 17	3P+N+E
		Straight plugs
2	63A 0 587 00 125A	200/250V~ 2P+E
2	0 587 04 0 591 26	380/415V~ 3P+E
2	0 587 05 0 591 27	3P+N+E
		Mobile sockets
2	63A 0 587 10 125A	200/250V~ 2P+E
2	0 587 14 0 591 36	380/415V~ 3P+E
2	0 587 15 0 591 37	3P+N+E
		Appliance inlets
2	63A 0 587 30 125A	200/250V~ 2P+E
2	0 587 34 0 591 46	380/415V~ 3P+E
2	0 587 35 0 591 47	3P+N+E

P 17 Tempra Pro IP66/67

LV 63 and 125A

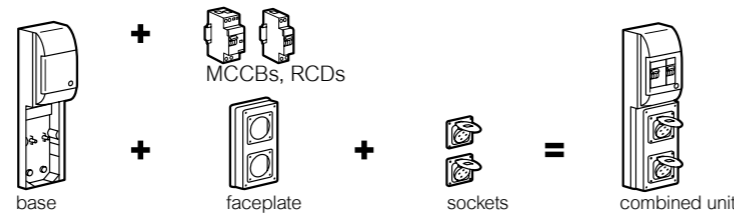


Pack	Cat.Nos	Surface mounting sockets
2	63A 5 555 54 125A	200/250V~ 2P+E
2	5 555 55	3P+E
2	5 555 56	3P+N+E
		380/415V~
2	5 555 58 5 556 58	3P+E
2	5 555 59 5 556 59	3P+N+E
		Panel mounting sockets
		Can be fixed on the faceplates Cat.Nos 0 577 17/19
2	63A 5 555 84 125A	200/250V~ 2P+E
2	5 555 85	3P+E
2	5 555 86	3P+N+E
		380/415V~
2	5 555 88 5 556 88	3P+E
2	5 555 89 5 556 89	3P+N+E
		Straight plugs
2	63A 5 555 24 125A	200/250V~ 2P+E
2	5 555 25	3P+E
2	5 555 26	3P+N+E
		380/415V~
2	5 555 28 5 556 28	3P+E
2	5 555 29 5 556 29	3P+N+E
		Mobile sockets
2	63A 5 555 04 125A	200/250V~ 2P+E
2	5 555 05	3P+E
2	5 555 06	3P+N+E
		380/415V~
2	5 555 08 5 556 08	3P+E
2	5 555 09 5 556 09	3P+N+E
		Appliance inlets
2	63A 5 555 14 125A	200/250V~ 2P+E
		380/415V~
2	5 555 18 5 556 18	3P+E
2	5 555 19 5 556 19	3P+N+E

P17 Tempra combined units to be composed

- IK 08 according to IEC 62262
- Self-extinguishing: 650°C
- Max. IP66

Example of combined unit configuration



0 577 04 with emergency stop button, appliance inlet and interlocked switched sockets



0 577 20 with interlocked switched sockets

COMBINED UNITS HEIGHT 220mm TO 441mm

BASES FOR 220 x 125mm FACEPLATES - MAX IP66

Surface mounting box	Base up to 2 sockets 16A	Base up to 4 sockets 16A	Base up to 6 sockets 16A
220 x 125mm ⁽⁴⁾	371 x 125mm ⁽⁴⁾ Rail 5 modules 17.5mm	441 x 265mm ⁽⁴⁾ Rail 12 modules 17.5mm	441 x 405mm ⁽⁴⁾ Rail 18 modules 17.5mm
Pack	Cat.No	Pack	Cat.No
1	0 577 10	1	0 589 38

220 X 125mm FACEPLATES

1 socket 16 or 32A	2 sockets 16A	1 socket 63A	Plain plate
Pack	Cat.No	Pack	Cat.No
5	0 577 12	5	0 577 13 ⁽¹⁾

EXAMPLE OF SOCKETS

ELV			IP44	
20/25V~	16A	2P	0 552 45	
	32A	2P	0 552 95	
Domestic pin			IP54 ⁽³⁾	
250V	16A	2P+E	0 576 72/76	
LV			IP44	IP66-67
200/250V~	16A	2P+E	5 551 84	5 553 84
	32A	2P+E	5 552 84	5 554 84
	63A	2P+E	-	5 555 84
380/415V~	16A	3P+E	5 551 88	5 553 88
		3P+N+E	5 551 89	5 553 89
	32A	3P+E	5 552 88	5 554 88
		3P+N+E	5 552 89	5 554 89
63A	3P+E	-	5 555 88	-
	3P+N+E	-	5 555 89	-

Examples of most common combinations with bases for 220 x 125mm faceplates

Base	Total number of sockets on the base	Socket combination	Face plate according to the socket intensity		
			16A	32A	63A
0 577 10 or 0 589 38	1	1 x 16A or 1 x 32A or 1 x 63A	0 577 12	0 577 12	0 577 17
	2	2 x 16A	0 577 13	-	-
0 577 05	2	2 x 16A or 2 x 32A or 2 x 63A	0 577 12 x 2	0 577 12 x 2	0 577 17 x 2
		1 x 16A + 1 x 32A	0 577 12	0 577 12	-
	3	1 x 16 or 32A + 1 x 63A	0 577 12		
		3 x 16A	0 577 12 + 0 577 13	-	-
0 577 06	3	2 x 16A + 1 x 32A	0 577 13	0 577 12	-
		2 x 16A + 1 x 63A	0 577 13	-	0 577 17
	4	4 x 16A	0 577 13 x 2		
		3 x 16A or 3 x 32A or 3 x 63A	0 577 12 x 3	0 577 12 x 3	0 577 17 x 3
	5	1 x 16 or 32A + 2 x 63A	0 577 12		
		2 x 16 or 32A + 1 x 63A	0 577 12 x 2		
2 x 16A + 1 x 32A + 1 x 63A		0 577 13	0 577 12	0 577 17	
2 x 16A + 2 x 32A		0 577 13	0 577 12 x 2	-	
6	4 x 16A + 1 x 32A	0 577 13 x 2	0 577 12	-	
	4 x 16A + 1 x 63A	0 577 13 x 2	-	0 577 17	
6	16A	0 577 13 x 3	-	-	

COMBINED UNITS HEIGHT 280mm TO 501mm

BASES FOR 280 x 125mm FACEPLATES - MAX IP66

Surface mounting box	Base up to 3 sockets 16A	Base up to 6 sockets 16A	Base up to 9 sockets 16A
280 x 125mm ⁽⁴⁾	421 x 125mm ⁽⁴⁾ Rail 5 modules 17.5mm	501 x 265mm ⁽⁴⁾ Rail 12 modules 17.5mm	501 x 405mm ⁽⁴⁾ Rail 18 modules 17.5mm
Pack	Cat.No	Pack	Cat.No
3	0 577 11	1	0 577 20

280 x 125mm FACEPLATE

2 sockets 16 or 32A	2 interlocked switched sockets 16A	1 socket 16 or 32 A and 1 socket 63A	3 sockets 16A ⁽²⁾	Plain plate	
Pack	Cat.No	Pack	Cat.No	Pack	Cat.No
4	0 577 18 ⁽¹⁾	1	0 577 23	2	0 577 19 ⁽¹⁾

EXAMPLE OF SOCKETS

ELV			IP44	
20/25V~	16A	2P	0 552 45	
	32A	2P	0 552 95	
Domestic pin			IP54 ⁽³⁾	
250V	16A	2P+E	0 576 72/76	
LV			IP44	IP66-67
200/250V~	16A	2P+E	5 551 84	5 553 84
	32A	2P+E	5 552 84	5 554 84
	63A	2P+E	-	5 555 84
380/415V~	16A	3P+E	5 551 88	5 553 88
		3P+N+E	5 551 89	5 553 89
	32A	3P+E	5 552 88	5 554 88
		3P+N+E	5 552 89	5 554 89
63A	3P+E	-	5 555 88	-
	3P+N+E	-	5 555 89	-

Examples of most common combinations with bases for 280 x 125mm faceplates

Base	Total number of sockets on the base	Socket combination	Face plate according to the socket intensity		
			16A	32A	63A
0 577 11 or 0 577 20	2	2 x 16A or 2 x 32A	0 577 18		
	3	2 x 16A interlocked sw.	0 577 23	-	-
0 577 03	4	3 x 16A	0 577 14		
		4 x 16A or 4 x 32A	0 577 18 x 2		
	5	2 x 16 or 32A + 2 x 63A	0 577 19 x 2		
		3 x 16 or 32A + 1 x 63A	0 577 18 + 0 577 19		
0 577 04	6	4 x 16A interlocked sw.	0 577 23 x 2	-	-
		3 x 16A + 1 x 16 or 32A + 1 x 63A	0 577 14 + 0 577 19		
	7	3 x 16A + 2 x 16 or 32A	0 577 14 + 0 577 18	-	-
		6 x 16A or 32A	0 577 18 x 3		
	8	3 x 16 or 32A + 3 x 63A	0 577 19 x 3		
		5 x 16 or 32A + 1 x 63A	0 577 18 x 2 + 0 577 19		
4 x 16 or 32A + 2 x 63A		0 577 18 + 0 577 19 x 2			
9	6 x 16A interlocked sw.	0 577 23 x 3			
	3 x 16A + 2 x 16 or 32A + 2 x 63A	0 577 14 + 0 577 19 x 2	-	-	
7	3 x 16A + 4 x 16 or 32A	0 577 14 + 0 577 18 x 2			
	3 x 16A + 3 x 16 or 32A + 1 x 63A	0 577 14 + 0 577 18 + 0 577 19			
8	6 x 16A + 1 x 16 or 32A + 1 x 63A	0 577 14 x 2 + 0 577 19			
	6 x 16A + 2 x 16 or 32A	0 577 14 x 2 + 0 577 18			
9	16A	0 577 14 x 3	-	-	

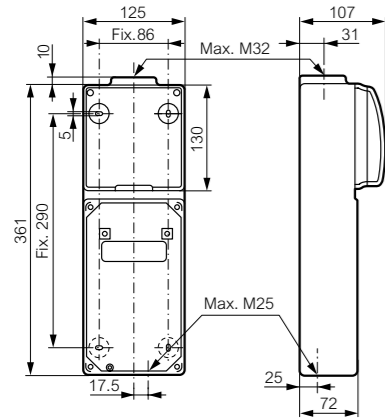
1: Supplied with blanking plate - 2: To be fixed horizontally except 16 A domestic pin sockets, vertically (IP 44 - connected) - 3: IP 54 cover closed - IP 44 connected
4: External dimensions: H x W - 5: Interlocked switched socket with small flange - 6: IP55 - Interlocked switched socket with small flange - 7: Can be used with the wall mounting lugs Cat.No 0 019 69

Dimensions

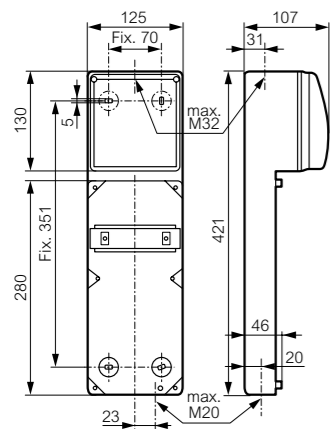
Cable glands are not supplied
Entries to drill

Bases

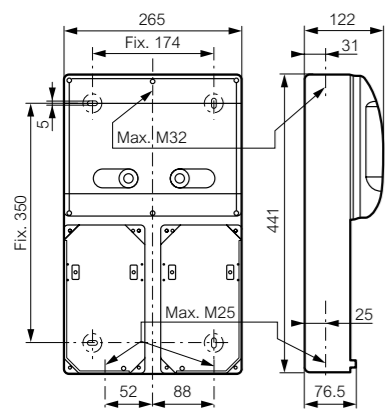
Cat.No 0 589 38



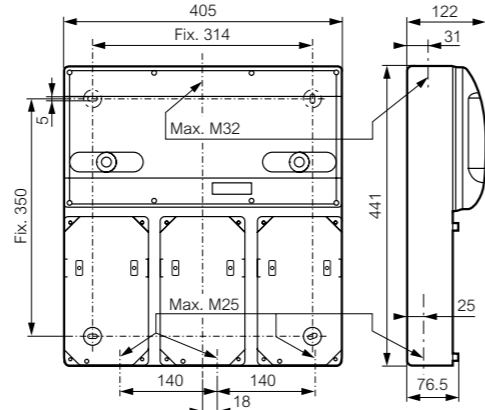
Cat.No 0 577 20



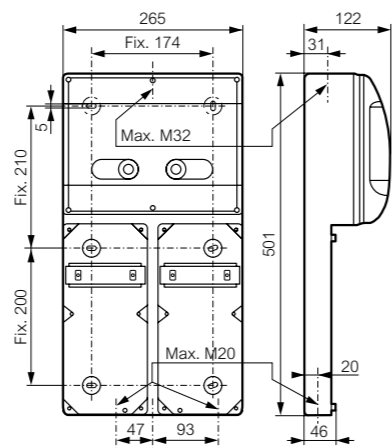
Cat.No 0 577 05



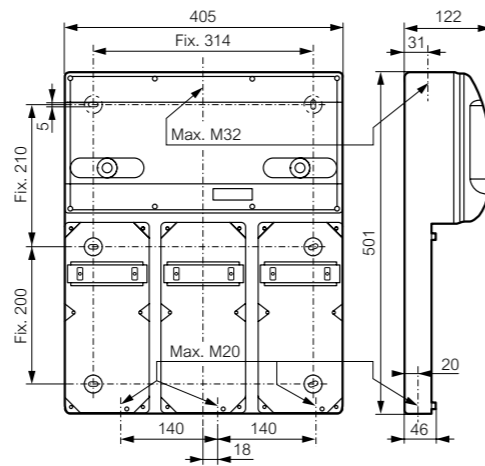
Cat.No 0 577 06



Cat.No 0 577 03

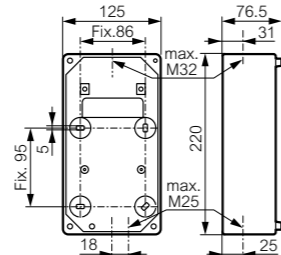


Cat.No 0 577 04

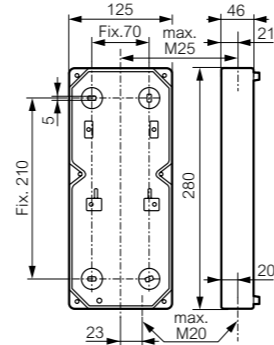


Surface mounting boxes

Cat.No 0 577 10



Cat.No 0 577 11

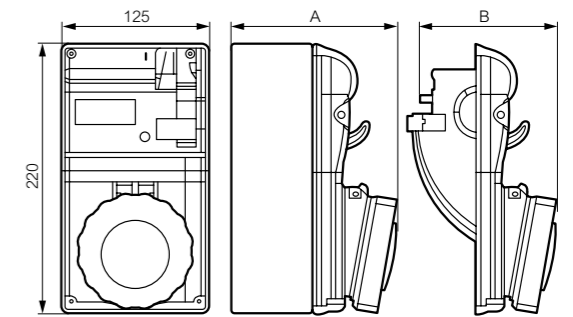


16-32A		without rail		with empty Din rail		
		125 x 220mm		125 x 280mm		
		IP44	IP55	IP44	IP66	
<ul style="list-style-type: none"> • IP44, IP55, IP66 according to IEC 60529 and EN 60529 • IK08 according to IEC 62262 • Conform to IEC 60439-1 • Supplied without cable glands • Self-extinguishing: 650°C 						
	Pack	Cat.Nos	Pack	Cat.Nos	Pack	Cat.Nos
200 to 250V~ 50/60Hz	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 415V~ 50/60Hz	16 A	3P+E	1 0 566 05	1 0 566 25	1 0 566 45	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	
		IP66	
<ul style="list-style-type: none"> • IP66 according to IEC 60529 and EN 60529 • IK08 according to IEC 62262 • Conform to IEC 60439-1 • Supplied without cable glands • Self-extinguishing: 650°C 			
	Pack	Cat.Nos	
380 to 415V~ 50/60Hz	63A	3P+E	1 0 589 18
		3P+N+E	1 0 572 99

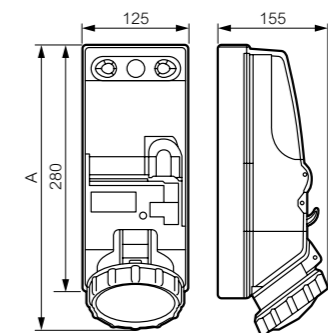
Dimensions

Without rail
LV 16/32A



	IP44 Cat.Nos	Dimensions (mm)		IP55 Cat.Nos	Dimensions (mm)		
		A	B		A	B	
LV 16A	2P+E	0 566 01	127	122	0 566 21	133	128
	3P+E	0 566 05	129	124	0 566 25	134	129
	3P+N+E	0 566 06	130	125	0 566 26	135	130
LV 32A	2P+E	0 566 09	138	133	0 566 29	143	138
	3P+E	0 566 13	138	133	0 566 33	143	138
	3P+N+E	0 566 14	139	134	0 566 34	144	139

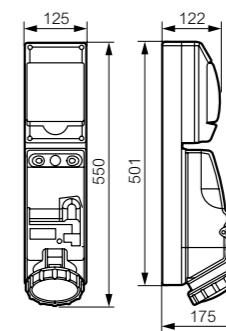
With empty Din rail
LV 16/32A



	A	
	IP44	IP66
LV 16A	290	300
LV 32A	295	310

LV 63A

Cat.Nos 0 589 18 and 0 572 99



Hypra[®] IP44 sockets and plugs metal, plastic, rubber, IP44/55 Prisinter

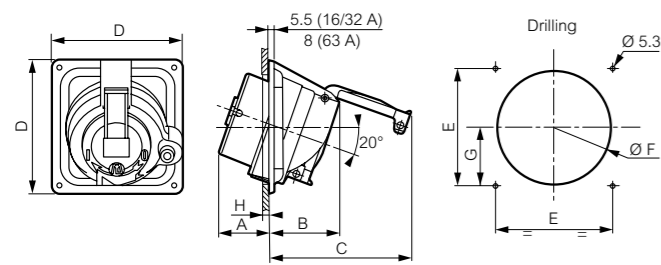
LV 16 to 63A and ELV 16 and 32A

Conform to IEC 60309-1 and IEC 60309-2 IP44 according to IEC 60529 IK09: plastic and rubber IK10: 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)			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			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	
LV		metal	plastic	metal	plastic		metal	plastic	plastic		metal	plastic	rubber	metal	plastic	rubber	plastic	rubber	metal	plastic	metal	plastic			
200 to 250V~ 50/60Hz	16A	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⁾	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	
	32A	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 415V~ 50/60Hz	16A	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	
	32A	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	
	63A	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 25V~ 50/60Hz	16A	2P	-	-	-	-	-	0 524 01 ⁽¹⁾	-	-	0 524 01 ⁽¹⁾ + 0 524 19 ⁽¹⁾	-	-	0 524 21 ⁽¹⁾	-	-	-	0 524 41 ⁽¹⁾	0 524 81	0 524 61	-	-	-	-	
	32A	2P	-	-	-	-	-	0 525 01	-	-	0 525 01 + 0 524 19 ⁽¹⁾	-	-	0 525 21	-	-	-	0 525 41	0 525 81	0 525 61	-	-	-	-	

Pack = 1 except 1: pack = 5
 2: Dust resistance IP may be increased by rubber push-button (on request) - IP55 cover closed or connected - IP44 connected

Prisinter - panel mounting sockets - LV 16-32-63A

Terminal connection (max.)
BT 16A : rigid - 1 x 4mm²
BT 32A : rigid - 1 x 10mm²
BT 63A : rigid - 1 x 25mm²
Prisinter sockets 32A : flexible - 1 x 6mm²
Prisinter sockets 63A : flexible - 1 x 16mm²
Conform to EN 60309-1, NF EN 60309-2, IEC 60309-1 and IEC 60309-2
IK09 : plastic and rubber
IK10 : metal according to EN 62262 et IEC 62262
Self-extinguishing :
850°C support of active parts, 950°C for Prisinter
650°C plastic housing
- 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)



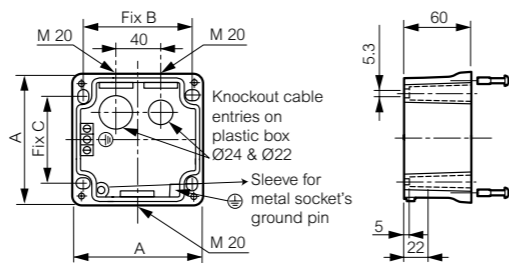
	Material	Weight (kg)	A	B	C	D	E	F min	F max	G	H max
16A											
2P+E	Plastic	0.420									
	Metal	1.250	46	70	132	115	100	92	98	46	6 to 10
3P+E	Plastic	0.480									
	Metal	1.330	46	70	138	115	100	92	96	46	6 to 10
3P+N+E	Plastic	0.570									
	Metal	1.470	46	75	156	125	110	102	106	51.5	7
32A											
2P+E	Plastic	0.570									
	Metal	1.470	54	77	153	143	125	115	122	58.5	10 to 20
3P+E	Plastic	0.610									
	Metal	1.500	54	77	153	143	125	115	122	58.5	10 to 20
3P+N+E	Plastic	0.650									
	Metal	1.800	55	79	169	143	125	119	122	58.5	9 to 13
63A											
2P+E	Plastic	0.870									
	Metal	1.500	55	99	205	143	125	120	122	59.5	10 to 20
3P+E	Plastic	0.950									
	Metal	1.850	55	99	205	143	125	120	122	59.5	10 to 20
3P+N+E	Plastic	0.980									
	Metal	2.200	55	99	205	143	125	120	122	59.5	10 to 20

Breaking capacity 3 x 400 V~ according to IEC 60947-1-3

Category	16A	32A	63A	Category	125A
AC 1	16A	32A	63A	AC 22 AC 23	400V 70kW
AC 23	8.4kW	16.8kW	33kW		500V 87kW
					600V 120kW

Reversible box for Prisinter sockets

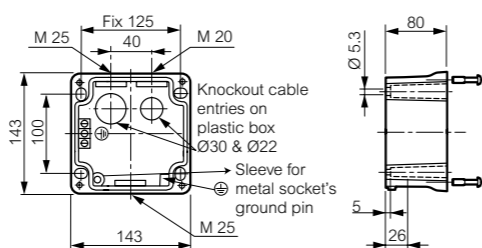
LV 16A



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

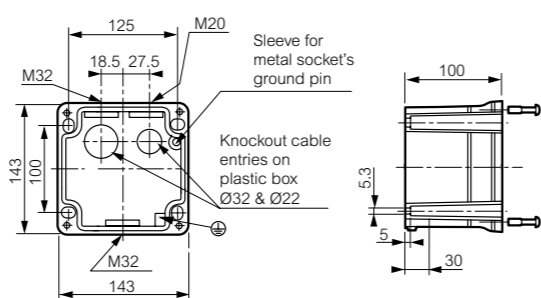
	Material	Weight (kg)	A (mm)	B (mm)	C (mm)
2P+E	Plastic	0.140	115	97	78
	Metal	0.800			
3P+N+E	Plastic	0.160	125	107	88
	Metal	0.900			

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

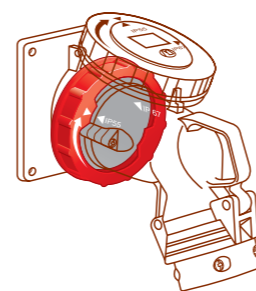


3 entries among which
1 M20 sealed with B20P blanking plug for auxiliary contact
1 M32 sealed with B32P blanking plug
Fitted with 1 outside earth terminal on metal box

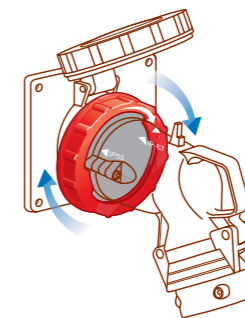
		FUNCTIONS										
		Panel mounting sockets	Surface mounting sockets	Through wiring surface mounting sockets	Straight plugs	Angled plugs	Mobile sockets	Surface appliance inlets	Straight panel appliance inlets	Socket with break isolating switch		
Conform to IEC 60309-1 and IEC 60309-2 IP according to IEC 60529 IK09: Plastic Self-extinguishing: 850°C (support of active parts) / 650°C (plastic housing)												
	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 250V~ 50/60Hz	16A	2P+E	0 511 26 ⁽¹⁾	0 511 46	0 511 26 + 0 520 29 ⁽¹⁾	0 511 26 + 0 520 89	0 511 56 ⁽¹⁾	0 511 06	0 511 76	0 511 86	-	-
		32A	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	-
	16A	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	-	-
	32A	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	-	-
	63A	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⁾	-
	125A	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

Pack = 1 except 1: pack = 5
2: Can be fixed on Cat.No 0 538 89 to obtain a straight surface mounting appliance inlet

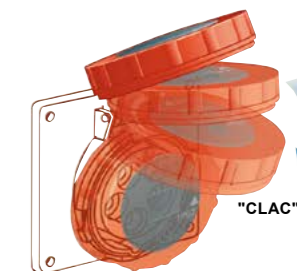
Complete range from 16A to 125A: IP55 (minimum) guaranteed



When connected: IP55 guaranteed with the cover closed on the plug (with a pair of Hypra IP66/67-55 products)



IP66/67 obtained with the ring locked



When not connected IP55 assured when cover is closed; IP66/67 obtained with the ring locked

Bells for industrial and alarm use

Electromechanical sirens

Illuminated signalling

Electromechanical sirens



Pack	Cat.Nos	Class I	Voltage	Average Consumption (mA)	Average acoustic output at 1 m (dB)	Weight (kg)
1	RAL 3000 Red 0 414 62	Double insulated Polyester corrosion resistant finish 200 hours maximum. continuous rating IP44 - IK10 - Direct current version Ø150mm gong	24V	70	90	1
1	RAL 7037 Grey 0 413 49	IP40 - IK08 - 50/60Hz - Alternating current version Ø100mm gong	230V	50	95	0.8
1	0 414 16	IP44 - IK10 Ø150mm gong	24V	360	98	1
1	0 414 18		110/130V	90	98	1
1	0 414 19		230V	50	98	1
1	0 414 39	IP44 - IK10 Ø250mm gong	230V	70	98	2.1

Pack	Cat.Nos	Industrial warning devices 110dB IP20 - IK08	Consumption in mA
1	0 415 20	Frequency 350/400Hz, continuous sound Operates intermittently: 1 min on / 10 min off 24V~ and = power supply	820
1	0 415 23	230V~ power supply	120

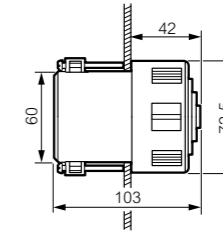
Electromechanical sirens IP30 - IK05						
Supplied with screws for semi-flush mounting						
D.C. current						
	Voltage	Power (W)	Consumption (mA)	Average acoustic output at 1 m (dB)	Weight (kg)	Max. continuous rating (hr)
1	12V	11	889	98	0.2	200
1	24V	12	516	100	0.2	200
A.C. current - 50/60 Hz						
	Voltage	Power (W)	Consumption (mA)	Average acoustic output at 1 m (dB)	Weight (kg)	Max. continuous rating (hr)
1	24V	12.5	531	100	0.2	200
1	110V	70	400	105	0.35	100
1	230V	57	250	105	0.35	100

Pack	Cat.Nos	Multi-sound electronic sirens
1	0 415 45	97 to 106dB 16 electronic sounds possible for identification of each defined event Easy to identify and select sounds for each appliance using coded wheel Adjustable sound level 230V~, IP44 - IK07

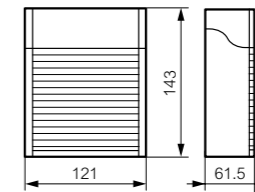
Pack	Cat.Nos	Rotating lights	Consumption (mA)
1	0 413 08	Halogen lamp 20W (supplied) Light intensity: 1500 Cd (p) Screw-mounting Dim.: height 185mm, Ø140mm IP65 - IK10 230V~, orange	100
10	0 413 62	Halogen lamp BA9 S H 12V - 20W: rotating lights Cat.No 0 413 08	
1	0 413 57	LEDs flashing light LED light intensity equivalent to Xenon lamp 2 joules Screw-mounting Dim.: height 185mm, Ø140mm IP65 - IK10 230V~, red	60
1	0 413 09	Blinking or steady lights Environmental high quality LEDs Screw-mounting Dim. height: 85mm, Ø105mm Equipped with 16 LEDs Ø5mm, high brightness, low consumption Light intensity: 55 Cd(p) Colour and voltage (V~)	300
1	0 413 13	Orange, 12/24V~/=	300
1	0 413 10	Red, 12/24V~/=	20
1	0 413 10	Orange, 230V~	20
1	0 413 14	Red, 230V~	20

Dimensions

Electromechanical sirens
Cat.Nos 0 415 32/33/36/38/39



Multi-sound electronic sirens
Cat.No 0 415 45



Selection chart of sounds (Cat.No 0 415 45)

Type of signal	Example of application	Position of code	Sound level (in Db at 1m)		Frequency in Hz	Consumption in mA
			max.	min.		
Danger	Moving equipment or vehicle	0	98	68	2400 to 2800	70
		1	102	73	1000 to 1500	45
		2	98	70	2400 to 2800	75
		3	98	70	2400 to 2800	50
		4	99	72	2400 to 2800	100
Defect	Interruption of a dangerous manufacturing process	5	104	75	2400 to 2800	100
		6	102	70	1000 to 1500	30
		7	97	68	1000 to 1500	30
		8	101	73	1000 to 1500	50
		9	101	73	1000 to 1500	50
Miscellaneous	Access to a school, a work shop	A	102	74	1000 to 1500	30
		B	99	70	554	20
		C	102	74	3000	100
Evacuation	Fire	D	98	69	440 to 554	20
Intrusion	Inside alarm	E	106	81	3200 / 3700	130
	Outside alarm	F	104	77	1400 / 1600	50



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