

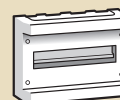
Distribution cabinets, enclosures and connection

XL³ 160



P. 104
XL³ 160
surface mounting
metal cabinets

Distribution
cabinets and
consumer units



P. 108
Modular boxes

Weatherproof
enclosures

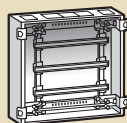


NEW
P. 112
Plexo³
weatherproof
distribution
cabinets

NEW



**XL³ 160
Cabinets
(P. 104-105)**



P. 105
XL³ 160
flush-mounting
metal cabinets



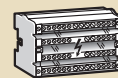
P. 106
XL³ 160
doors,
equipment



P. 108
Supply busbars,
entry terminals



P. 109
Distribution boards
24P to 84P



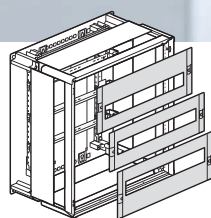
P. 110
Modular
distribution
blocks

Ready to use fully modular cabinets

Fast installation: cabinets are supplied complete with rails, faceplates and adjustable cable entry plate.



XL³ 160 cabinet
144 poles



Mounting
principle

- **Surface or flush-mounting** versions metal or insulated cabinets
- Can be equipped with **curved or flat metallic and glass doors**

XL³ 160 metal

"Ready to use" distribution cabinets



200 06



200 45



Dimensions (p. 107)

Fireproof to 750 °C/5 s in accordance with IEC 60695-2-1 for installation in public buildings. Removable chassis with rails 2 fitted
Brass bar for protective conductors fitted: 36 holes 1.5 to 10 mm² and 2 x 35 mm² holes. Capacity 24 modules per row. RAL 7035
Supplied complete with rails and faceplates. Doors to be ordered separately
For creating assemblies certified in accordance with IEC EN 60439-1
IP 43 – IK 08 with seal and door
IP 40 – IK 08 with door
IP 30 – IK 07 without door
Removable side panels. Removable, separable top and bottom panels for inserting adjustable cable gland plate

Pack	Cat.No.	Fully modular cabinets					
		No of rows	No of modules	Height (mm)	Width (mm)	Depth (mm)	
1	200 04	4	96	750	575	147	
1	200 05	5	120	900	575	147	
1	200 06	6	144	1050	575	147	

Accessories

1	200 20	Cable entry plates Additional adjustable plate
1	200 35	Cable fixing support Holds cable in place on entry to cabinet
1	201 00	Wall mounting lugs Set of 4 metal lugs for IP 43 cabinets and enclosures
1	200 21	Plate with knock-out entries 2 x Ø4 to 32 mm and 22 x Ø4 to 20 mm

XL³ 160 flush-mounting "Ready to use" distribution cabinets



200 13 + door 202 83



Dimensions (p. 107)

Fireproof to 750 °C/5 s in accordance with IEC 60695-2-1 for installation in public buildings

Supplied complete:

- metal flush-mounting box,
 - removable chassis with rails fitted,
 - brass bar for protective conductors fitted:
- 36 holes 1.5 to 10 mm², 2 x 35 mm² holes,
- finishing frame and plastic faceplates

Flush-mounting depth: 100 mm min.

Capacity: 24 modules per row

RAL 7035

Doors to be ordered separately (p. 106)

Can take DPX 125 units

IP 40 – IK 08 with door

IP 30 – IK 04 without door

Pack	Cat.No.	Fully modular cabinets							
		No of rows	No of modules	Front panel Height (mm)	Width (mm)	Box Height (mm)	Width (mm)		
1	200 14	4	96	845	670	790	617		200 150 150 200
1	200 15	5	120	995	670	940	617		200 150 150 150 200
1	200 16	6	144	1145	670	1090	617		200 150 150 150 150 200
1	200 10	Fixing accessory							
		For hollow partition							

Fixing accessory

For hollow partition

Doors and equipment (p. 106)

Notes

XL³ 160

Doors, equipment, wiring, connection of protective conductor



202 55



202 73

202 83



200 93



373 00

Pack	Cat.No	Doors
		Supplied with handle with interchangeable barrels (to be ordered separately)
		Curved
		Faceplate/door distance: metal - 57 mm
		For cabinet/enclosure Height (mm):
1	202 54	750
1	202 55	900
1	202 56	1050
		Flat
		Faceplate/door distance: metal - 38 mm ; glass - 34 mm
1	202 74 ⁽¹⁾	750
1	202 75 ⁽¹⁾	900
1	202 76 ⁽¹⁾	1050

		Equipment for doors
		Key barrels for metal or transparent doors
		Supplied with a set of 2 keys
1	202 91	Type 405
1	202 92	Type 455
1	202 93	Type 1242 E
1	202 94	Type 2433 A
		Seal for IP 43 protection
1	201 30	Supplied ready to use length 5.5 m for cabinets (width 660 and 910 mm), enclosures and cable sleeves

		Self-adhesive document holders for plan
		Open - RAL 7035
		External dim.
		Height (mm) Width (mm)
20	365 80	235 340
20	365 81	165 260
		Internal dim.
		Height (mm) Width (mm) Depth (mm)
		200 310 18
		130 230 18
		Closed - RAL 9002
		Rigid plastic - IP 50
1	365 82	Internal dim.: 324 x 120 x 18 mm
		Transparent
10	097 99	Flexible plastic - A4 - 305 x 220 mm

		Wiring
		Wire guide
10	200 94	For horizontal wiring
		Fits directly on the rails
		Takes brass bar Cat.No 373 00 and 12 x 4 bar with clamps Cat.No 373 02
1	200 93	For vertical wiring
		Fits directly on cabinet chassis - Set of 2
		Ducting support
1	200 70	For direct vertical mounting of Lina 25 ducting
		Fits directly on cabinet chassis - Set of 2
		Finishing strip
1	201 60	For a perfect finish at the join between DLP trunking and XL ³ cabinet or enclosures RAL 7035
		Connection of protective conductors
		Additional brass bar
1	373 00	Length 416 mm, 12 x 6.5 mm cross-section
		Fits directly on the supports integrated in XL ³ 160 cabinet or on rail with wire guides
		Cat.No 200 94 or on the support end stop Cat.No 375 12
		- 36 holes Ø5.3 mm (1.5 to 10 mm ²)
		- 2 holes Ø9 mm (35 mm ²)
		Support for IP 2X terminal block
1	200 50	Set of 2 supports
		Fit directly at the back of cabinets (horizontal or vertical position)
		Takes 12 x 2 flat bar Cat.No 048 19
		Equipotential link conductor
1	373 85	Length 350 mm
		Cross-section 6 mm ² , ensures equipotential continuity when fitting auxiliaries on door (Osmoz signalling units > 50 V)



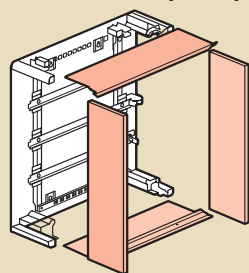
For curved glass doors, please consult us

(1) Not suitable for Vistop with front handle

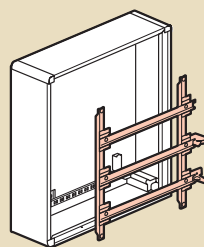
XL³ 160 metal

"Ready to use" distribution cabinets

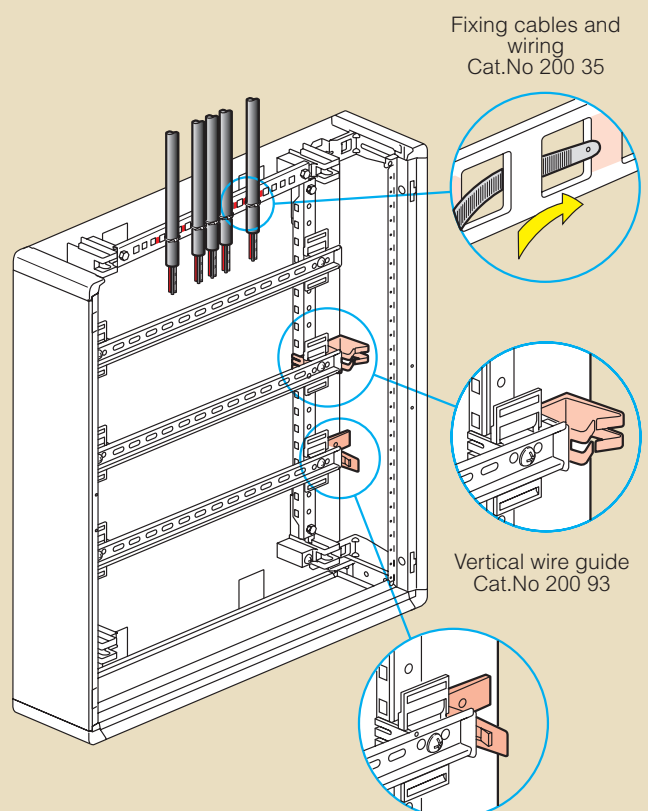
■ Installation principle



Side panels can be removed separately



Removable chassis

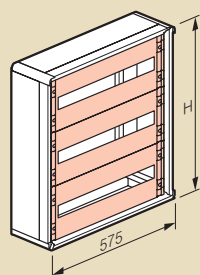


Fixing cables and wiring
Cat.No 200 35

Vertical wire guide
Cat.No 200 93

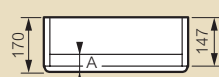
Support for Lina 25 ducting
Cat.No 200 70

■ Dimensions



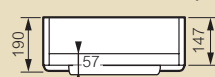
Cat. No.	H (mm)
200 04	750
200 05	900
200 06	1050

With flat door



	A (mm)
Metal	38
Glass	34

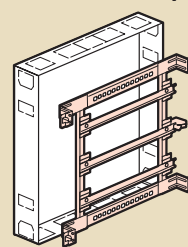
With curved door (metal)



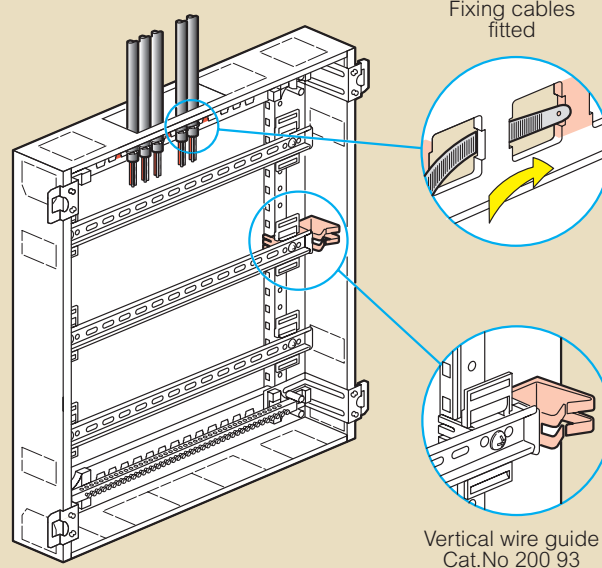
XL³ 160 flush-mounting

"Ready to use" distribution cabinets

■ Installation principle



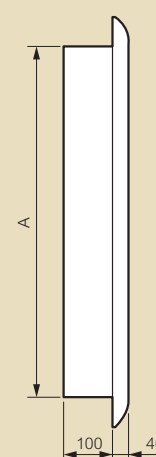
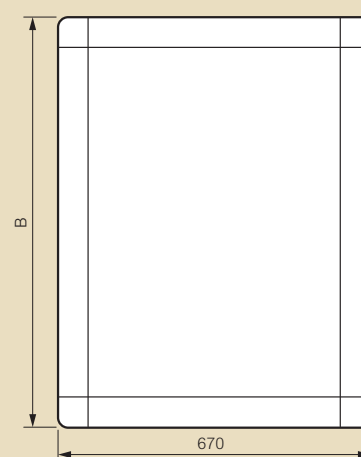
Removable chassis



Fixing cables fitted

Vertical wire guide
Cat.No 200 93

■ Dimensions



Cat. No.	A (mm)	B (mm)
200 14	790	845
200 15	940	995
200 16	1090	1145

Modular boxes - IP30

Surface mount - Din rail



013 04

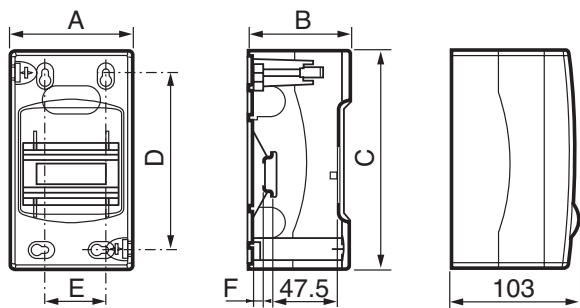
013 08

Pack	Cat No.	Self-extinguishing: resistance to incandescent wire 750°C distribution boxes	
		IP30 - IK05	
		White RAL 9010	
		Cover directly clip shut and sealable	
		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

(1) Supplied with Earth connector IP 2x 4x holes 1.5- 16mm²

(2) Supplies with Earth connector IP 2x 8x holes 1.5- 16mm²

Distribution box with 1 to 9 modules per row



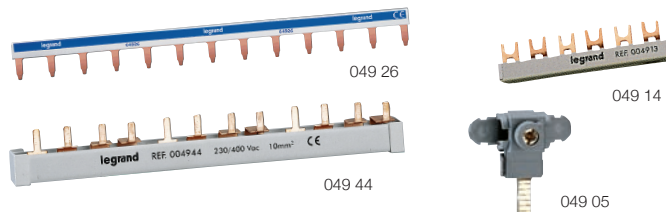
Cat. No. 013 01/02/04/06/08

Cat.No 013 08 with cover

Cat. No.	A	B	C	D	E	F
013 01	30	72	140	120	10	7
013 02	50	72	140	115	25	7
013 04	90	74	160	130	45	7
013 06	128	74	160	125	80	7
013 08	190	83	180	130	120	14.5

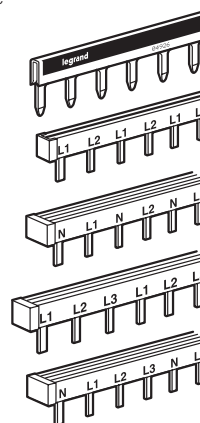
Supply busbars entry terminals

Standard distribution

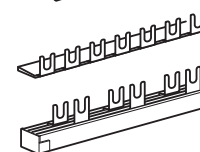


Standard distribution

Pack	Cat. No.	Prong-type supply busbars	
		Universal single pole + neutral	
		Reversible: blue for neutral, black for live	
		Max. Length	Max number of devices connected
20	049 26	1 row	13
10	049 37	Meter	57
		Double pole	
50	049 38 ⁽¹⁾	1 row	6
10	049 39	Meter	28
		Double pole balanced on 3 phases	
3	049 40 ⁽¹⁾	1 row	6
10	049 41	Meter	28
		Triple pole	
40	049 42 ⁽¹⁾	1 row	4
10	049 43	Meter	19
		Four pole	
30	049 44	1 row	3
10	049 45	Meter	14



		Fork-type supply busbars	
		Single pole	
20	049 11	1 row	12
10	049 12	Meter	57
		Double pole	
10	049 14	Meter	28



		Protection	
		Protection of prongs	
20	049 88	12 modules	
		Can be cut to length	
		Protection of supply busbar ends	
40	049 89	For single pole/single pole + neutral	
20	049 90	For double pole length 1 m and triple pole	
20	049 91	For four-pole	



		Entry terminals	
20	049 05	For universal single pole + neutral or single pole supply busbars	
		Cross section: 4 to 25 mm ² - IP 2X	
20	049 06	For all supply busbars	
		Cross section: 6 to 35 mm ²	



Technical characteristics

	Busbars types	Max. number of devices connected	Length in number of 17.5 mm modules	Cross section (mm ²)	Permissible current: 1 central power supply point	2 power supply point
Single pole or Single pole + neutral	1 row	13	13	16 ²	80	100
	Meter	57	57	10 ²	63	90
Double pole	1 row	6	12	10 ²	63	90
	Meter	28	56	16 ²	80	100
Double pole balanced on 3-phases	1 row	6	12	10 ²	63	90
	Meter	28	56	16 ²	80	100
Triple pole	1 row	4	12	10 ²	63	90
	Meter	19	57	16 ²	80	100
Four pole	1 row	3	12	10 ²	63	90
	Meter	14	56	16 ²	80	100

Clip-on blanking plate (pole fillers)

6.5 modules separable by single or half modules (1 module = 17.5 mm)

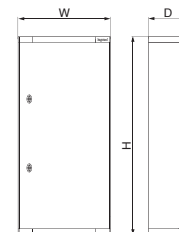
20 016 56 White RAL 9010

(1) Filled with end protection



Spacious design

Legrand Distribution Boards are spacious and expandable for control wiring. They are designed to suit Commercial and Industrial.



Pack	Cat. No.	Distribution Boards
		250 A Distribution Boards with 250A chassis for 17.5mm module MCB's – Escutcheon included Grey RAL7035
		Without Main Switch
1	HPM0800L - 24	24 pole
1	HPM0800L - 36	36 pole
1	HPM1000L - 48	48 pole
1	HPM1000L - 60	60 pole
1	HPM1200L - 72	72 pole
1	HPM1200L - 84	84 pole
		With 250A Main Switch*
1	HPM0800L2425F	24 pole
1	HPM0800L3625F	36 pole
1	HPM1000L4825F	48 pole
1	HPM1000L6025F	60 pole
1	HPM1200L7225F	72 pole
1	HPM1200L8425F	84 pole
		*For orange colour, please add O at end of part no.
		Chassis – 3 Pole
		(red, white, blue)
		250A Chassis for 17.5mm module MCB's – 20kA 0.1s
1	6022 10	24 Pole
1	6022 11	36 Pole
1	6022 12	48 Pole
1	6022 13	60 Pole
1	6022 14	72 Pole
1	6022 15	84 Pole
		Main Switch
1	2046 39	3 Pole 250A
		Emergency Lighting Test Switch
1	6820 84	Modular E/L test switch (contactor not included)
1	04129	Modular contactor 2pn/c 25A
1	04132	Modular contactor 4pn/c 25A

► Ample space:

- space for additional din rail equipment
- extra space for cabling
- full accessibility from top and bottom

► Ready to use:

- equipped with standard 250A main switch

► Chassis:

- type tested up to 250A (for 400A please consult us)
- complete solutions from 24 poles to 84 poles

► Designed and manufactured in Australia

External Dimensions			No Poles	Distribution Board		
Height (mm)	Width (mm)	Depth (mm)		Without Main Switch Cat. No	With Main Switch Cat. No	With Main Switch Cat. No (orange)
800	600	200	24	HPM0800L - 24	HPM0800L2425F	HPM0800L2425FO
800	600	200	36	HPM0800L - 36	HPM0800L3625F	HPM0800L3625FO
1 000	600	200	48	HPM1000L - 48	HPM1000L4825F	HPM1000L4825FO
1 000	600	200	60	HPM1000L - 60	HPM1000L6025F	HPM1000L6025FO
1 200	600	200	72	HPM1200L - 72	HPM1200L7225F	HPM1200L7225FO
1 200	600	200	84	HPM1200L - 84	HPM1200L8425F	HPM1200L8425FO



For other pole capacity and 400A Distribution Boards Please consult us

Modular distribution blocks

40 to 250 A



Technical characteristics (p. 111)

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

Pack	Cat. No.	Monobloc modular distribution blocks			
		Mounting on rail 4 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 048 77)			
		Double pole			
		Equipped with 2 bars			
		Rating (A)	Isc peak (kA)	Icw (kA)	Number of modules
5	048 81	40	20	3	6
10	048 80	100	20	4.5	4
5	048 82	125	18	4.5	8
		Four pole			
		Equipped with 4 bars			
5	048 85	40	20	3	6
10	048 84	100	20	4.5	4
5	048 86	125	20	4.5	6
5	048 88 ⁽¹⁾	125	14.5	4.2	8
1	048 79 ⁽¹⁾	160	27	8.4	10
1	048 77	250	42	14.4	9
		Modular distribution blocks			
		Mounting on rail 4 Fitted with Lexic label holder Can be joined together Possibility of forming a four pole distribution block by adding modules			
		Single pole			
		Rating (A)	Isc peak (kA)	Number of modules	
4	048 71	125	35	2	
4	048 83	160	27	2	
4	048 73	250	60	2	
		Distribution terminals			
1	048 67	160 A - 6 outputs 25 mm ² flexible - Isc peak 30 kA Can be fitted directly onto downstream terminal of DPX 125/160, Vistop 100/160 A and DX H 125 A			
1	048 68	250 A - 4 outputs 35 mm ² flexible and 2 outputs 25 mm ² flexible - Isc peak 36 kA Can be fitted directly onto downstream terminal of DPX 250/250 ER and DPX-IS 250			

(1) With short ferrule supplied for flexible connection 25 mm²

Modular distribution blocks

40 to 250 A

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

Distribution Blocks Cat. No.	Connections per bar		Rigid conductors	Flexible conductors with ferrules	
	Num-ber	Ø (mm)	Section (mm ²)	Section (mm ²)	Starfix ferrules Cat. No.
048 67	6	8.5		6 to 25	376 68 to 71
048 68	4	10		6 to 35	376 68 to 77
	2	8.9		6 to 25	376 68 to 71
048 71	12	5.3	16 to 50	1.5 to 10	376 64 to 69
	4	10	1.5 to 10	16 to 35	376 70 to 77 376 70 to 77
048 73	4	6	70 to 150	2.5 to 10	376 66 to 69
	6	8.5	2.5 to 16	10 to 25	376 69 to 77
	1	-	10 to 35	70 to 120	-
048 80	5	5.3	2.5 to 10	1.5 to 10	376 64 to 69
	2	7.5	10 to 25	6 to 16	376 68 to 70/77
048 81	11	4.3	1.5 to 4	0.75 to 4	376 62 to 67
	2	6	6 to 16	4 to 10	376 67/68/69
048 82	11	5.3	2.5 to 10	1.5 to 10	376 64 to 69
	2	7.5	10 to 25	6 to 16	376 68 to 70/77
048 83	2	9	10 to 35	10 to 25	376 69/72/71
	7	5.3	35 to 70	1.5 to 10	376 64 to 69
	2	7.5	2.5 to 10	6 to 16	376 68/69/77
	3	8.9	6 to 25	10 to 25	376 69/72
048 84	1	-	10 to 35	25 to 50	376 71 to 77/78
	5	5.3	2.5 to 10	1.5 to 10	376 64 to 69
	2	7.5	10 to 25	6 to 16	376 68 to 70/77
048 85	11	4.3	1.5 to 4	0.75 to 4	376 62 to 67
	2	6	6 to 16	4 to 10	376 67/68/69
048 86	7	5.3	2.5 to 10	1.5 to 10	376 64 to 69
	2	7.5	10 to 25	6 to 16	376 68 to 70/77
048 88	2	9	10 to 35	10 to 25	376 69/77
	11	5.3	2.5 to 10	1.5 to 10	376 64 to 69
048 79	4	8.5	10 to 35	6 to 25	376 68 to 71
	1		35 to 70	35 to 70	376 77/78
048 77	8	5.3	2.5 to 10	1.5 to 10	376 64 to 69
	4	7.5	10 to 25	6 to 16	376 68 to 70/77
	2	8.5	10 to 35	10 to 25	376 69/77
	6	6	2.5 to 16	2.5 to 10	376 66 to 69
	2	7.5	10 to 25	6 to 16	376 68 to 70/77
048 77	2	8.5	10 to 35	10 to 25	376 69 to 77
	1	10	16 to 50	16 to 35	376 70 to 72/77
	1	-	50 to 120	50 to 120	376 78

Some items sold separately

For pack quantity, please refer to numerical index pages

For trade price, please see your local HPM Legrand representative for the current price list

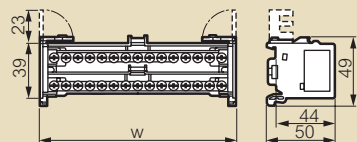
Modular distribution blocks

40 to 250 A (continued)

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
Use in DC: without derating
Self-extinguishing 960 ° C on active parts supports

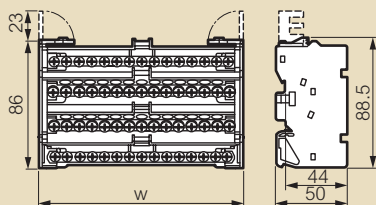
■ Monobloc modular distribution blocks

Double pole 40 - 100 - 125 A, Cat. No. 048 81/80/82

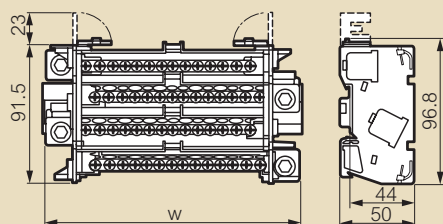


Cat. No.	Width (mm)
048 80	70
048 81	105
048 82	140
048 84	70
048 85	105
048 86	105
048 88	140
048 77	160
048 79	179

Four pole 40 - 100 - 125 A, Cat. No. 048 85/84/86/88

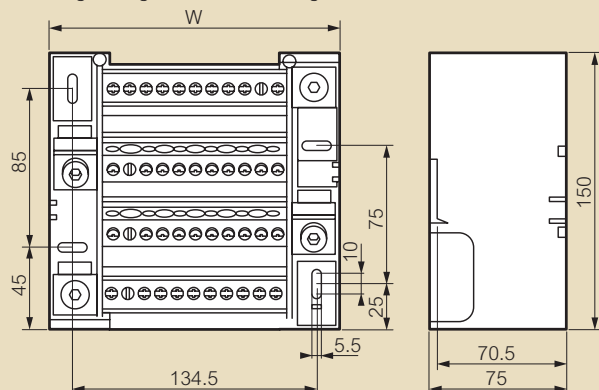


Four pole 160 A, Cat.No 048 79



Four pole 250 A, Cat.No 048 77

Self-extinguishing 960 ° C according to EN 60695-2-11

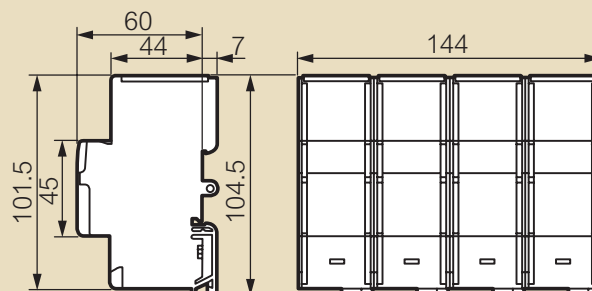


■ Use of IP 2X terminal blocks

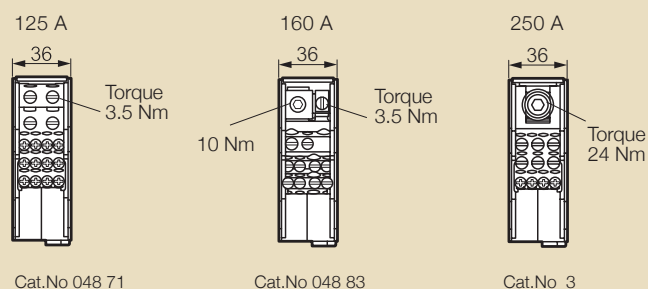
Modular distribution blocks	Derating	
	Voltage	Rating
048 80	400 V	80 A
048 81	400 V	40 A
048 82	400 V	100 A
048 84	400 V	80 A
048 85	400 V	40 A
048 86	400 V	100 A
048 88	400 V	100 A
048 79	400 V	100 A

■ Modular distribution blocks

Single pole 125 - 160 - 250 A, Cat. No. 048 71/83/73

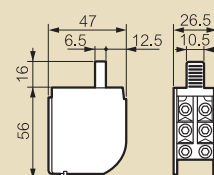


Connection

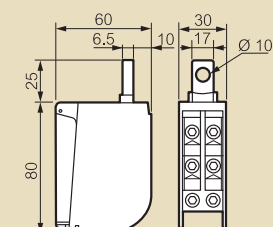


■ Distribution terminals, Cat. No. 048 67/68

160 A



250 A



Plexo³ enclosures



6019 74

6019 82

Self-extinguishing: resistance to incandescent wire 650°C
 Conform to EN 60439-3
 Weatherproof cabinets - IP 65 - IK 09 - Class II
 Door and cabinet fully reversible
 Removable chassis and faceplates from 2-row versions up
 2-position rail for modular products and moulded cases
 Spacing between rails 150 mm
 Lockable door handle, sealable cover and faceplate
 Shock-resistant polystyrene material
 Box colour light grey L750A, cover colour dark grey R746A
 Supplied with IP2X Earth and Neutral terminal blocks
 Spare blanking plate included as a standard for 12-24-36 modules

Pack	Cat. No.	Enclosures 4 to 8 module	
		Number of rows	Number of modules
6	6019 74	1	4
6	6019 76	1	6
6	6019 78	1	8

Pack	Cat. No.	Enclosures 12 modules per row	
		Number of rows	No. of 5-module blanking plates
1	6019 81	1	1
1	6019 82	2	2
1	6019 83	3	2

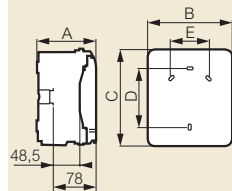


Pack	Cat. No.	Accessories	
		Key lock	
1	019 66	N° 850	
		Fixing lugs	
1	019 69	Set of 4 wall mounting lugs	
		Blanking plates	
20	019 61	5, separable into modules or 1/2 module, Grey R746A	
		Direct piercing end caps	
1	019 55	Pack consisting of 2 Ø32 mm ISO end caps, 5 Ø25 mm ISO end caps and 10 Ø20 mm ISO end caps	

Plexo³ enclosures

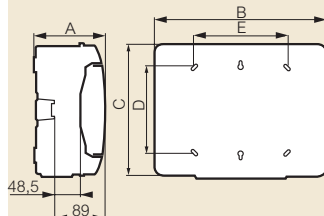
■ Dimensions

Cabinets 4, 6 and 8 modules



Cat. No.	Dimensions (mm)				
	A	B	C	D	E
6019 74	115.6	128	200	120	-
6019 76	115.6	164	200	120	70
6019 78	115.6	200	200	120	106

Cabinets 12, 24 and 36 modules



Cat. No.	Dimensions (mm)				
	A	B	C	D	E
6019 81	141	340	282	180	180
6019 82	161	340	432	330	180
6019 83	161	340	622	480	180

■ Number of knockouts on each side

Cat. No.	Top/bottom			Left/right		
	Ø20 mm	Ø25 mm	Ø32 mm	Ø20 mm	Ø25 mm	Ø32 mm
6019 74	2	1	-	2	-	-
6019 76	4	1	-	2	-	-
6019 78	6	1	-	2	-	-
6019 81	7	2	2	-	-	2
6019 82	13	2	2	-	-	3
6019 83	13	2	2	-	-	4

■ Direct piercing end caps

Cat.No	Type	Number of end caps per pack	Ø	
			Min. (mm)	Max. (mm)
019 55	ISO 20	10	4	13
	ISO 25	5	9	18
	ISO 32	2	12	25

Notes

This image shows a single sheet of white paper with horizontal ruling lines. The lines are evenly spaced and run across the width of the page. There are no margins, text, or other markings on the paper.