

SOMMAIRE

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1. DESCRIPTION, USE

IP65 PLEXO³ weather-proof cabinets with between 1x12 and 4x18 modules compliant with regulations governing public buildings and high-rise buildings.

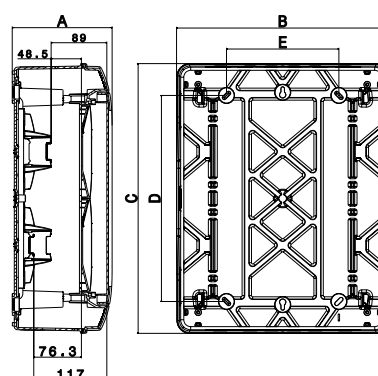
- . Impact-resistant reinforced polystyrene material
- . Removable chassis and faceplates from two-row versions upwards
- . Two-position rail for modular products and moulded boxes
- . Spacing between rails: 150 mm
- . Accommodates perforated plates and plain faceplates for mounting of non-modular products
- . Fixing of complete Plexo programme flush-mounted on the side of the cabinet from two-row versions upwards
- . Lockable door handle, tamper-evident cover and faceplate
- . Door and cabinet totally reversible
- . Direct perforation entry glands supplied

Cabinets can be used in AC or DC, it is forbidden to use it in AC+DC mode.

2. RANGE

Cat. No(s)	Number of rows	Number of modules
4 140 33	1	12
4 140 34	2	24
4 140 35	1	18
4 140 36	2	36
4 140 37	3	54
4 140 38	4	72

3. OVERALL DIMENSIONS



Cat. No(s)	Dimensions (mm)				
	A	B	C	D	E
4 140 33	141	340	282	180	180
4 140 34	161	340	432	330	180
4 140 35	141	448	282	180	290
4 140 36	161	448	432	330	290
4 140 37	161	448	622	480	290
4 140 38	161	448	822	680	290

4. GENERAL CHARACTERISTICS

4.1 Technical characteristics

- . Box colour: light grey L750A
- . Cover colour: dark grey RAL 7046
- . Shutter colour: transparent blue
- . Protection rating: IP65 – IK09
- . Self-extinguishing: 750°C
- . Dual class II insulation
- . Rated operating voltage: 400 V ~ or 1000V ~
- . Rated insulation voltage: 400 V ~ or 1000V ~
- . Storage and installation temperature:
 - 4 140 33 to 4 140 38: -25°C to + 55°C (+70°C/24 hr).
- . Operating temperature: -25°C to +40°C.

4. GENERAL CHARACTERISTICS (suite)

Permissible loads : 40N per row

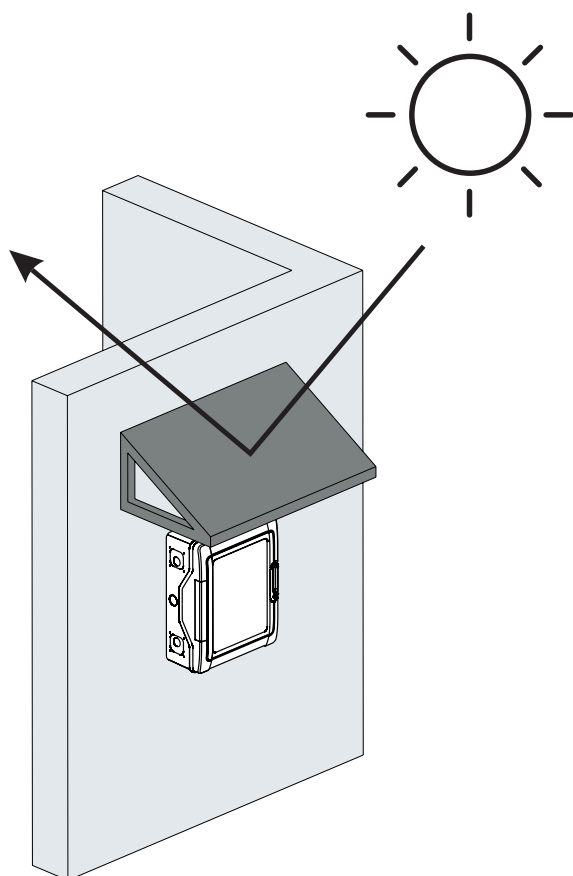
Cat. No(s)	Max permissible current		Dissipated power (Pde)
	AC	DC	
4 140 33	63A	30A	25 W
4 140 34	90A	40A	32 W
4 140 35	63A	30A	37 W
4 140 36	90A	60A	40 W
4 140 37	125A	90A	65 W
4 140 38	125A	90A	67 W

4.2 Materials

- Box, cover, rail brackets, terminal brackets, hinge cover and faceplate: impact reinforced polystyrene
- Door: transparent polycarbonate
- Handle and door identifier indicator light: polycarbonate
- Handle bar: glassfibre-reinforced polycarbonate
- Cover/box screws and springs: stainless steel
- Other screws: zinc-coated steel
- Rails: galvanised steel

5. SETTING IN SITUATION

Cabinet have to be protected against direct solar radiation.



6. CONFORMITY AND APPROVALS

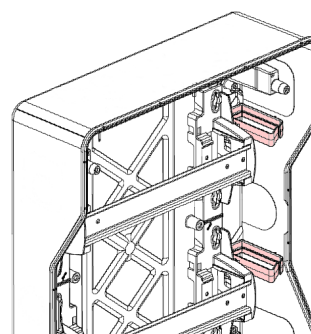
CEI 62 208 edition august 2011
CEI 60 695-2-11 edition february 2014 (fire resistance)
CEI 62 262 edition february 2002 (impact resistance IK)
RoHS
WEEE
REACH

7. EQUIPMENT AND ACCESSORIES

7.1 Guide ties

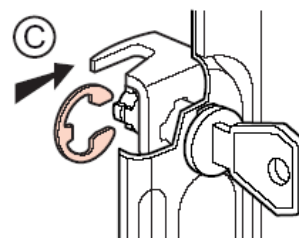
Guide ties supplied with the cabinet: :

Cat. No(s)	4 140 34	4 140 36	4 140 37	4 140 38
Number of guide ties	2	2	3	4



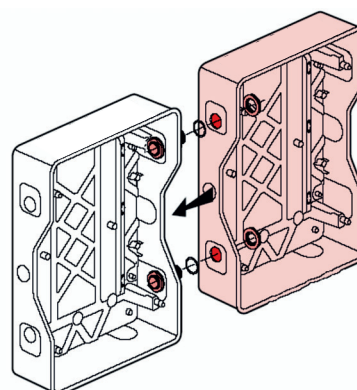
7.2 Key lock

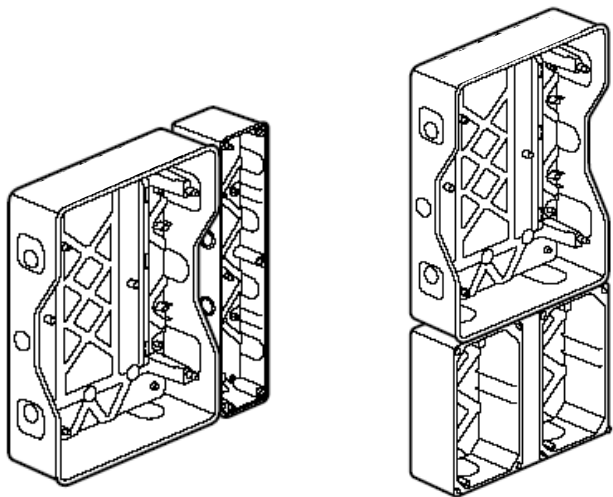
Cat. No. 0 019 66
Key lock no. 850.



7.3 Joining kit

Cat. No. 0 019 67
Used to run cables between two cabinets or horizontal or vertical multifunction sleeves while maintaining IP65 protection.
Composed of 2 joining kits, 4 nuts and 4 seals.



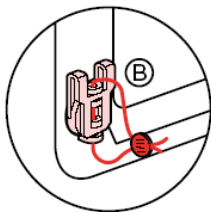


■ 7.4 Sealing kit

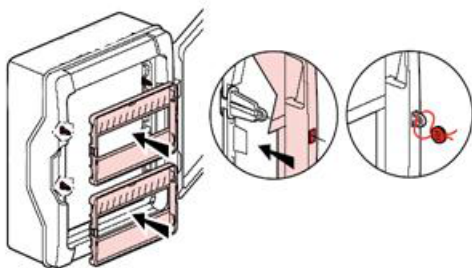
Cat. No. 0 019 68

Set of two sealable terminal shields for covers and eight sealable brackets for faceplates

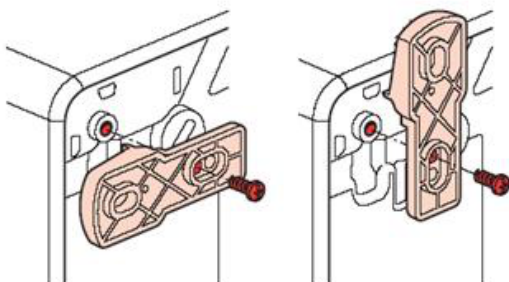
- Sealable screw covers for front cover



- Sealable brackets for faceplates



■ 7.5 Set of four wall mounting lugs Cat. No. 0 019 69

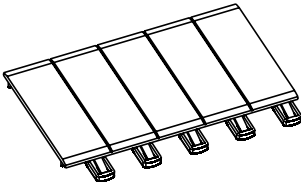


7. EQUIPMENT AND ACCESSORIES (suite)

■ 7.6 Blanking plates

Cat. No. 0 019 61

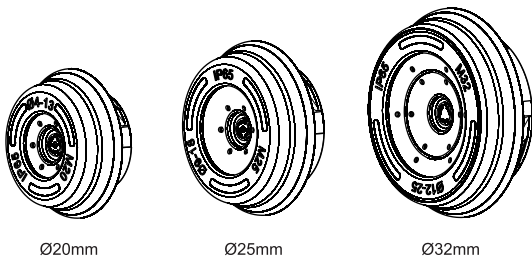
Set of five, separable into modules or half-modules, dark grey RAL 7046.



■ 7.7 Direct perforation entry glands

These entry glands maintain the cabinet's IP65 and IK09 ratings.

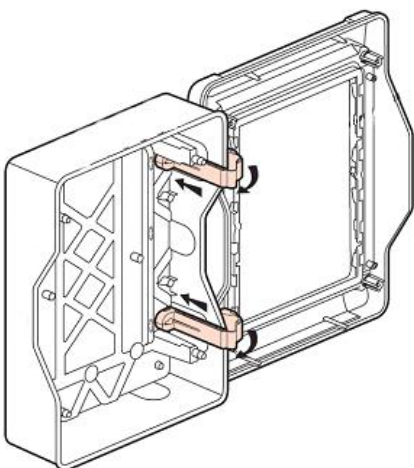
Cat.No(s)	Number of membrane glands supplied		
	Ø20 mm	Ø25 mm	Ø32 mm
0 019 55	10	5	2
0 019 56	100	-	-
0 019 57	-	100	-
0 019 58	-	-	100



■ 7.8 Hinges

Cat. No. 0 019 70

Set of 2 hinges connecting the back of the cabinet to the cover.



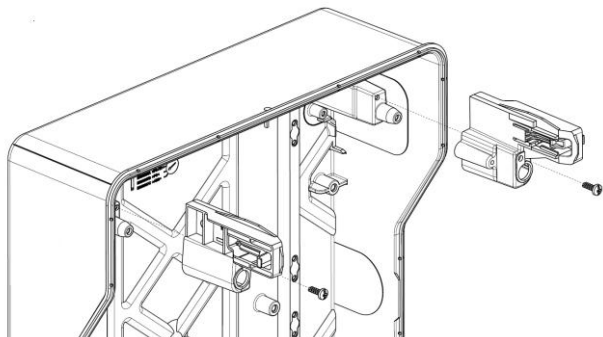
■ 7.9 Terminal block support

Cat. No. 0 019 72

Single support for 12- and 18-module cabinets.

Cat. No. 0 019 73

Double support for 24- to 72-module cabinets.



■ 7.10 Kit of connectors with typical bases MC4 Cat. No. 4 140 93

Cat. No. 4 140 93

Lot made up of 20 jack connectors for enclosures (10 males / 10 females), 20 plugs (10 males / 10 females) and 10 latches.



8. IDENTIFICATION LABELS

Cabinets are supplied with a labelling kit and also instructions for the positioning of stickers.