

Weatherproof cabinets Plexo

Reference(s) : 6 018 82/84/86/88/92/94



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1. DESCRIPTION, USE

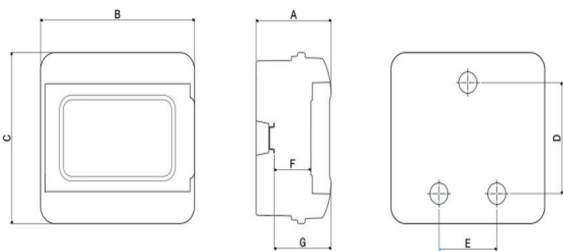
- Weatherproof PLEKO IP65 cabinets from 2 to 2x12 modules :
- Impact-resistant reinforced polystyrene material
 - Spacing between rails : 150 mm
 - Door and cabinet totally reversible
 - Supplied with Earth and Neutral screwed terminal blocks (except 2M without terminal block)
 - Allows to achieve assemblies conform to IEC 61 439-3 Edition 1.0 2012-02
 - Cover screw tightening torque : 2 Nm

2. RANGE

References	Number of rows	Number of modules
6 018 82	1	2
6 018 84	1	2 (+2)
6 018 86	1	4 (+2)
6 018 88	1	6 (+2)
6 018 92	1	8 (+4)
6 018 94	2	16 (+8)

(+*) number of cutting modules

3. OVERALL DIMENSIONS



References	Dimensions (mm)				
	A	B	C	D	E
6 018 82	106	75	170	100	-
6 018 84	106	141	200	130	-
6 018 86	106	177	200	130	-
6 018 88	106	213	200	130	80
6 018 92	106	285	200	130	150
6 018 94	106	285	350	280	150

4. GENERAL CHARACTERISTICS

4.1 Technical characteristics

- Box colour : light grey RAL 7035
- Cover colour : dark grey RAL 7046
- Door colour : transparent blue
- Protection rating : IP65 – IK07
- Self-extinguishing : 650°C
- Dual class II insulation
- Rated operating voltage : 400 V AC – 50/60 Hz
- Rated insulation voltage : 400 V AC – 50/60 Hz
- Short-circuit current: 6 kA
- Storage temperature : -15°C à +40°C (+70°C / 24H)
- Installation temperature (classification 7.5.1) : -5°C à +40°C
- Operating temperature : -5°C à +40°C
- Max. permitted current, max dissipated power and permissible loads :

References	Max permitted current	Max dissipated power	Permissible loads by rows
6 018 82	25 A	5 W	6 N
6 018 84	32 A	7 W	13 N
6 018 86	32 A	10 W	20 N
6 018 88	32 A	13 W	27 N
6 018 92	63 A	19 W	40 N
6 018 94	63 A	24 W	40 N

4.2 Materials

- Box, cover : impact reinforced polystyrene
- Door : transparent polycarbonate
- Cover/box screws : stainless steel
- Other screw : zinc-coated steel
- Rails : galvanised steel
- Terminal block support : polycarbonate
- Terminal block : brass

4. GENERAL CHARACTERISTICS (suite)

4.3 Number of precut on each face

References	Number of precut on the top		Number of precut on the bottom	
	Ø20	Ø25	Ø20	Ø25
	mm	mm	mm	mm
6 018 82	-	1	-	1
6 018 84	2	1	2	1
6 018 86	2	2	2	2
6 018 88	3	2	3	2
6 018 92	5	2	5	2
6 018 94	5	2	5	2

4.4 Terminal blocks capacity and number of blanking plates

References	Screwed terminal blocks supplied				Cutting blanking plates
	Earth		Neutral		
	1,5 - 10 mm ²	1,5 - 16 mm ²	1,5 - 10 mm ²	1,5 - 16 mm ²	
6 018 82	-	-	-	-	-
6 018 84	2	2	2	2	2
6 018 86	3	3	3	3	2
6 018 88	3	3	3	3	2
6 018 92	5	5	5	5	4
6 018 94	12	12	12	12	8

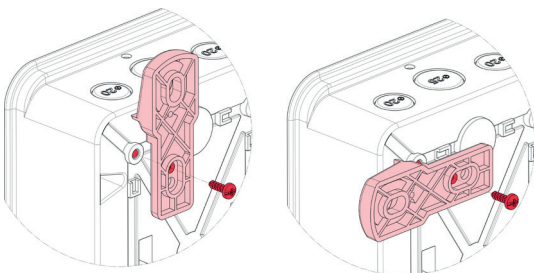
5. COMPLIANCE AND APPROVALS

- IEC 60 670-24 Edition 2.0 2011-03 (GP and PD enclosures)
- IEC 60 695-2-11 Edition February 2014 (fire resistance)
- IEC 62 262 Edition February 2002 (impact resistance)
- RoHS
- WEEE
- REACH

6. EQUIPMENT AND ACCESSORIES

6.1 Set of four wall mounting lugs

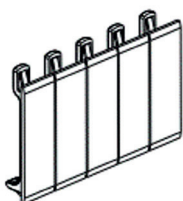
Reference 0 019 69



6.2 Blanking plate

Reference 0 019 61

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



6.3 Direct perforation entry glands

These entry glands maintain the cabinet's IP65 and IK07 ratings

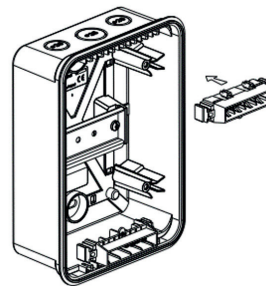
References	Supplied with entry glands		
	Ø20 mm	Ø25 mm	Ø32 mm ⁽¹⁾
0 019 56	100	-	-
0 019 57	-	100	-

(1) do not comply with Plexo

6.4 Additional terminal blocks

Additional terminal blocks can be mounted at the top and bottom of cabinets in the designated areas.

References	Brass terminal block with isolated support	
	Earth	Earth + Neutral
6 018 82	-	-
6 018 84	1 348 00	1 348 10
6 018 86	1 348 01/18	1 348 11/24
6 018 88	1 348 01/18	1 348 11/24
6 018 92	1 348 01/02/18/19	1 348 11/12/24/25
6 018 94	1 348 01/02/18/19	1 348 11/12/24/25



6.5 Plastic cable glands

- 0 968 03 : Plastic cable glands Ø20 grey IP55
- 0 968 05 : Plastic cable glands Ø25 grey IP55

References	Number of cable glands can be added on top side		Number of cable glands can be added on bottom side	
	0 968 03	0 968 05	0 968 03	0 968 05
	Ø20	Ø25	Ø20	Ø25
	mm	mm	mm	mm
6 018 82	-	1	-	1
6 018 84	2	1	2	1
6 018 86	2	2	2	2
6 018 88	3	2	3	2
6 018 92	5	2	5	2
6 018 94	5	2	5	2