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**1. DESCRIPTION, USE**

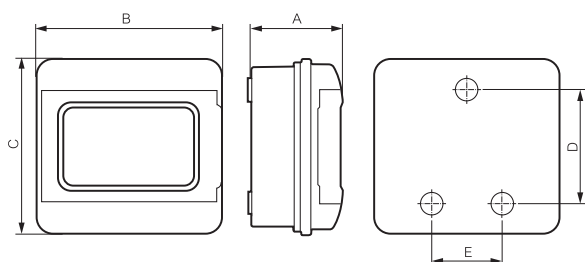
- Weatherproof PLEKO IP65 cabinets from 2 to 2x12 modules :
- Impact-resistant reinforced polystyrene material
  - Spacing between rails : 150 mm
  - Door and cabinet totally reversible
  - Supplied with Earth and Neutral screwed terminal blocks (except 2M without terminal block)
  - Allows to achieve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

**2. RANGE**

Cat. No(s)	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)

(+x) number of cutting modules

**3. OVERALL DIMENSIONS**



Cat. No(s)	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 :

Cat. No(s)	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**

Cat. No(s)	Number of precut on the top		Number of precut on the bottom	
	Ø20 mm	Ø25 mm	Ø20 mm	Ø25 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**

Cat. No(s)	Screwed terminal blocks supplied				Cutting blanking plates
	Earth		Neutral		
	1,5 - 10 mm <sup>2</sup>	1,5 - 16 mm <sup>2</sup>	1,5 - 10 mm <sup>2</sup>	1,5 - 16 mm <sup>2</sup>	
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

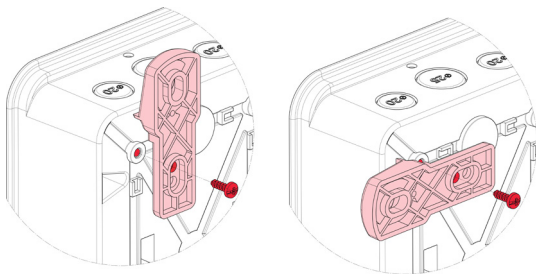
**5. COMPLIANCE AND APPROVALS**

- IEC 60 670-24:2024 (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. EQUIPMENTS AND ACCESSORIES**

■ **6.1 Set of four wall mounting lugs**

Cat. No. 0 019 69

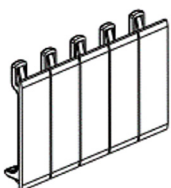


Not compatible with Cat. No. 6 018 82.

■ **6.2 Blanking plate**

Cat. No. 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

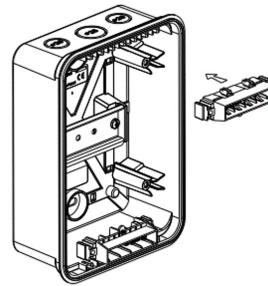
Cat. No(s)	Supplied with entry glands		
	Ø20 mm	Ø25 mm	Ø32 mm <sup>(1)</sup>
0 019 56	100	-	-
0 019 57	-	100	-

(1) Not compatible with Plexo

■ **6.4 Additional terminal blocks**

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

Cat. No(s)	Screw-on terminal block on 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

Cat. No(s)	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
	Ø20mm	Ø25mm	Ø20mm	Ø25mm
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