

Up to 630 A

Great capability for meeting the requirements of your installation



> 100 % reliable and in compliance with existing standards

All the components (switchgear, splitter blocks, prefabricated connections, etc.) have been designed to work together. All switchboard configurations have been tested. Even the most demanding.

> Optimised, upgradeable installation

Prisma G IP55 is the only switchboard in this category designed as a “kit”. All configurations and combinations are possible, with full access. Thanks to the organisation around functional units, the installation evolves simply while preserving its original performance.

> Ease of setup

The complete accessibility of all mounting and connection points facilitates assembly and cabling in the workshop. The functional units are clearly identified: operations are intuitive and reliable, and connection and checking are performed naturally.



Tested components

E



- > Safety of people and property
- > Continuity of service
- > Robustness
- > Ergonomics and complete accessibility
- > Optimisation and upgradeability

Presentation

Up to 630 A

Metallic indoor enclosures to compose Severe environments: industrial and agricultural buildings, basements, kitchens, etc.

Enclosure delivered flat: total accessibility
Designed for electrical continuity

- 630 A
- IP55
- IK10
- Seismic characteristics: 2,5G



PB110167_4pps

PE60331_4pps



Description

Steel sheet metal with electrophoresis treatment + hot-polymerised polyester epoxy powder.

Enclosure:

- width: 575 mm, with duct: 325 mm
- height: 450 to 1750 mm
- depth: 260 mm with door
- properties of metal enclosures > [page G-15](#)

Main characteristics

IP55 enclosure	
Rated operational current	$I_n = 630 \text{ A} - I_{sc} = 50 \text{ kA}, I_{cw} = 25 \text{ kA rms} / 1 \text{ s}, I_{pk} = 53 \text{ kA}$
Colour	White colour RAL 9001
Standards conformity	EN 62208, IEC 61439-2
Degree of protection	IP55 with door
Degree of protection against mechanical impacts	IK10
Seismic characteristics	2,5G without accessories (IEC 60068-2-57)
Isolation	Class 1
Doors	<ul style="list-style-type: none"> ■ Plain or transparent, opening to right or left 180° ■ Supplied with a handle and keylock (key 405) Distance behind plain door = 78 mm, Distance behind transparent door = 73 mm.
Earthing	Earthing braid delivered with enclosure
Combination	> page E-23



Easy design with

Rapsody software

> [page B-23](#)

Presentation

Up to 630 A

Fingers safe for cabling

- Painted sheet metal inside, protection for wiring installers' hands

Accessories shared with Prisma G, IP30

Plates for connecting control circuits

Pre-hooked plates for quick positioning

Full accessibility

- Removable side panels: easy wiring

Trunking support plate, fixed at the same time as the modular rail

Plain or transparent door

Practical

- Functionalized installation of push buttons, power sockets, etc.
- Installation of power sockets on the side

Weatherproofing

- Large choice of IP55 gland plates

Ergonomics and safety

- Easy panel handling thanks to the ergonomic gripper
- Legible "Open/closed" positions of front plate.
- Integrated front plate sealing function



Multiple combinations



Weatherproof enclosures



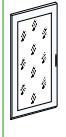





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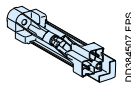
Wall mounted and floor standing enclosures

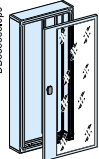




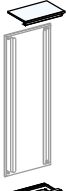
Enclosures are supplied with plain metal gland plates and external mounting brackets.

The doors are reversible, opening 180° to right or left, supplied equipped with a handle with 405 key lock.

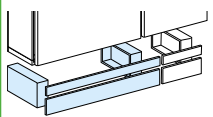
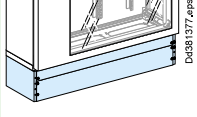
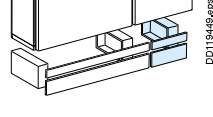
The wall mounted and floor standing enclosure extensions and ducts are supplied without combination kits, see table opposite.

Type		Basic enclosure W600			Extension enclosures W600				
									
Nb. of vertical modules of 50 mm	Height in mm	Basic enclosure	Frame + plain door	Frame + transparent door	Rear	Top and bottom plates for side-by-side combination	Side panels for vertical combination	Frame + plain door	Frame + transparent door
7	450	08302	08322	08332	08312	08371	08352	08322	08332
11	650	08303	08323	08333	08313	08371	08353	08323	08333
15	850	08304	08324	08334	08314	08371	08354	08324	08334
19	1050	08305	08325	08335	08315	08371	08355	08325	08335
23	1250	08306	08326	08336	08316	08371	08356	08326	08336
27	1450	08307	08327	08337	08317	08371	08357	08327	08337
33	1750	08309	08329	08339	08319	08371	08359	08329	08339

Type		Ducts W300		Wall-mounted enclosures W300			
							
Nb. of vertical modules of 50 mm	Height in mm	Rear + plain door	Top and bottom plates	Rear + plain door	Top and bottom plates	Side panels	Struts (set of 2)
7	450	08342	08372	08342	08372	08352	2 x 01025
11	650	08343	08372	08343	08372	08353	2 x 01025
15	850	08344	08372	08344	08372	08354	2 x 01025
19	1050	08345	08372	08345	08372	08355	2 x 01025
23	1250	08346	08372	08346	08372	08356	2 x 01025
27	1450	08347	08372	08347	08372	08357	2 x 01025
33	1750	08349	08372	08349	08372	08359	2 x 01025

W850 floor standing enclosure (plinth sold separately)				Duct W300	
					
Nb. of vertical modules of 50 mm	Height in mm	Floor standing enclosure	Transparent door	Rear + plain door	Top and bottom plates
33	1750	08311	08340 (1)	08349	08372

Spare parts > page E-29 ; Dimensions > page E-30

Plinth H = 150 mm	W600	W850 floor standing enclosure	Duct W300
			
Catalogue numbers	2 x 08392 + 08393	08802	08392 + 08394

(1) New ref, commercialised mid 2018.

Spare parts > page E-29

Dimensions > page E-30

Partitioning > page C-45