



AC50810

Ared-810

Overview

- Monoblock enclosure (base and door) made of glass-fiber-reinforced polyester (SMC) in RAL 7035 gray. Designed for use in photovoltaic applications, the installation of distribution, control and metering panels, site-specific panels and industrial applications.
- Horizontal-format enclosure for indoor or outdoor installation via wall or pole mounting. It features a roof-like overhang on the door to prevent water from penetrating the enclosure's joints and damaging the insulation seal.
- Four ZAMAK hinges allow the door to open 180° and make it easily removable.
- 4 quarter-turn locking points with a 3mm double-bar insert (other options available upon request) securing the door to the base.
- Various mounting and fastening accessories (see accessories in the product line).

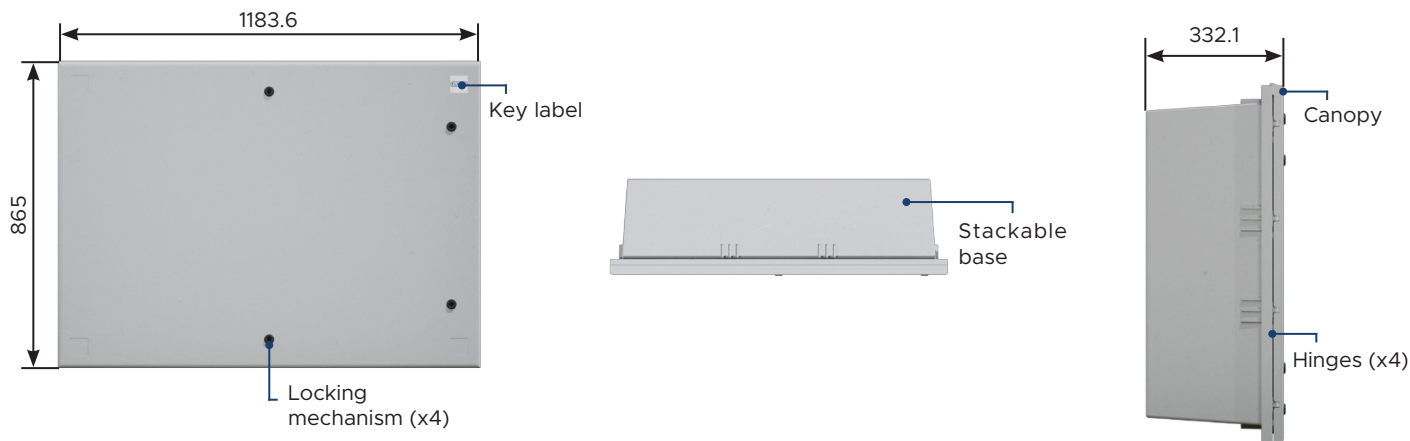


Technical specifications

- Empty enclosures designed for low-voltage switchgear assemblies in accordance with UNE-EN 62208.

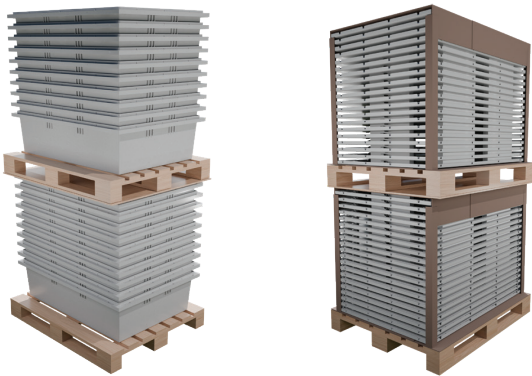
Characteristic	Value	Standard
Degree of protection against dust and water	IP66	UNE-EN 60529
Impact protection rating	IK10	UNE-EN 62262
Thermal class of SMC polyester	F (155°C)	UNE-EN 60085
Self-extinguishing (glow wire)	960°C	UNE-EN IEC 60695-2-10
Double insulation	Class II	UNE-EN 60439-1
Resistance to chemical, environmental and UV exposure	Yes	N/A
Corrosion resistance	Yes	IEC 60068-2-30
Continuous operating temperature	-30°C to 150°C	N/A
Internal mounting dimensions (height x width x depth)	721 x 1045 x 304 (mm)	N/A
Interior volume	0.254 m³	N/A
Weight (including mounting plate)	34 kg	N/A
Maximum static load (on the mounting plate)	60 kg	UNE-EN 62208
Maximum dissipated power	584 W	UNE-EN 62208

Dimensions



Packaging format

- Multiple lots of 20 units.
- On one hand, 1 pallet of 20 lids is supplied; on the other hand, 2 pallets (stacked on top of each other) are supplied, each containing 10 bases. The bases are nested inside one another.
- Both the bases and the lids come with factory-installed hinges, latches and inserts.
- Accessories are supplied in separate bags.



Accessories

Accessory	Code
Mounting Plate	SP10800
Screws for the mounting plate	SE15073
Wall mounting hardware	SE15178
Door retainer	SE15042
Padlock device	SE15002

NOTE: See the technical data sheet for each accessory for more information. The accessories are common to the Ared 108 and Ared 810 models.

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