

Presentation

Conforming to low voltage electrical installation regulations (standard NF C 15-100). ACP polyester enclosures conform to all requirements for applications in buildings (or locations) in industrial premises and premises frequented by the public (section 32, appendix 1) regarding the presence of water, solid objects and mechanical impact, except where enclosures are subject to splashing by heavy seas (installed on quaysides) or are submerged (installed in swimming pools). These enclosures are particularly suitable for highly corrosive environments (port installations, chemical plant, dairies, etc.).

Description



Apart from the smallest model in the range which is in polycarbonate, **ACP** insulated enclosures are in glass-reinforced polyester, offering great rigidity and resistance to external mechanical impact.

This material also provides exceptional resistance to the harshest and most aggressive climatic and weather conditions.

The colour of the enclosures is grey RAL 7032.

These enclosures feature an integral canopy at top and bottom, so that the enclosure can be inverted to provide either right-hand or left-hand door opening. Doors are solid or with window, depending on the product reference.

Setting-up

Four M8 inserts in the back of the enclosure allow direct fixing of equipment mounting accessories.

In addition, a series of locating points in the back of the enclosure allow direct mounting using nuts **ACP-EP5**.

The following are available as optional equipment:

- a set of 4 external wall fixing lugs,
- a quick attach/detach internal door,
- a set of 4 rear blanking plugs,
- door release mechanism operated by shaped inserts or key.

Sealing

IP66 degree of protection is ensured by closure latching points located outside the sealed area and by a polyurethane door gasket (neoprene for small model).

Door release mechanism



The enclosures are equipped with a \varnothing 5 mm double bar key release mechanism which operates a linkage with 2 latching points, except for the small model (1 latching point) and the large model (4 latching points).

Dimensions

Height	Width	Depth
310	215	160
430	330	200
530	430	200
647	436	250
747	536	300
847	636	300
1055	852	350

Accessories

■ Equipment mounting accessories: solid mounting plates, Telequick pre-slotted mounting plates, strip mounting plates, pre-drilled uprights, combination mounting rails, fixing hardware.

Characteristics		
Insulated enclosure type	ACP-G●312116	ACP-G●43332 to ACP-G●10835
Body material (1)	Solid door	Polycarbonate
	Transparent door	Polycarbonate (completely transparent door)
Colour	Grey RAL 7032	Glass-reinforced polyester (25%) Glass-reinforced polyester (25%) Toughened glass (frame in glass-reinforced polyester - 25 %) Grey RAL 7032
Degree of protection	IP 66 conforming to IEC 529	IP 66 conforming to IEC 529
Resistance to external mechanical impact	Solid door	20 joules (code IK 10 conforming to NF EN 50102)
	Transparent door	5 joules (code IK 08 conforming to NF EN 50102)
Protective treatment	"TH"	"TH"
Operating temperature	- 20 °C to + 45 °C	- 20 °C to + 45 °C
Door	Opening angle	180°
	Centring	Yes
	Sealing gasket	Neoprene (removable)
	Partitioning	No
	Hinges	Stainless steel
	Release mechanism	Double bar key (1 latching point)
Inner door	No	180° Yes Polyurethane Yes (25 x 25 mm) Stainless steel Double bar key (2 latching points). Espagnolette system with 4 latching points for ACP-G●10835
Wall fixing of enclosure	Externally	By 4 adjustable polyester fixing lugs
	Internally	By 4 Ø M8 studs
Chassis fixing	By 4 Ø M8 studs	By 4 Ø M8 studs
Cable entry	Via cut-out in enclosure	Via cut-out in enclosure
Maximum permissible load	On door	2.5 kg
	Equipment support	18 kg
	Total for enclosure	20 kg
Double insulated conforming to EN 60439-1	Designed for  panel	Designed for  panel
Reversal of door opening direction	By turning the enclosure upside down	By turning the enclosure upside down
Door canopy	Incorporated top and bottom	Incorporated top and bottom
Approvals	–	BV, LROS, IMQ, UL, CSA

(1) Resistance to incandescent wire test: 960 °C