

Presentation

AA4 floor-standing metal enclosures conform to the standard for applications in buildings (or locations) in industrial premises, or 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 (mounted on quaysides) or are submerged (mounted in swimming pools).

Description



AA4 enclosures are made of folded and welded sheet steel, 1.5 mm thick for the body and 2 mm thick for the door. The sheet steel is phosphated before being painted with polyester-epoxy paint, colour RAL 7032.

Setting-up

A frame on the front of the enclosure, pre-drilled at 25 mm centres, allows the installation of accessories common to the AA3 range of suite style enclosures.

Four angle brackets, mounted on rails pre-drilled at 25 mm centres, allow the installation and depth adjustment of equipment support chassis (pre-slotted mounting plates, solid mounting plates, uprights and mounting rails).

Sealing

IP55 degree of protection is ensured by closure anchor points located outside the sealed area and by an expanded polyurethane gasket.

Closing mechanism

The enclosures are provided with 4 anchor points, except for the 1200 mm height version (2 anchor points).

The pivoting handle folds flat and can be fitted with barrels operated by a key or with shaped inserts, as well as a release button (to be ordered separately).

Supply

The enclosures are supplied complete with 4 adjustable angle brackets for chassis fixing, 1 gland plate in 2 sections and a pivoting handle.

Dimensions

Height	Width	Depth
1200	1200	400
1600	800	400
	1200	400
1800	800	400
	1200	400
	1600	400
2000	800	500
	1200	500
	1600	500

Accessories

Numerous accessories are available to suit various types of equipment:

- p Enclosure accessories: plinth, lifting eye bolts and canopy.
- p General accessories: cross members, angle brackets and associated hardware, set of castors, ventilation grilles and door windows.
- p Door accessories: wiring scheme holder, support shelf, door restraint, handle and barrels.
- p Accessories for chassis assembly: Telequick pre-slotted mounting plates, notched uprights, mounting rails and associated hardware.

Conforming to low voltage electrical installation regulations (standard NF C 15-100)

Enclosures	Metal, floor-standing, "monobloc" - Type AA4	
Material	Folded and welded 1.5 mm sheet steel	
Paint finish	60 % polyester and 40 % epoxy powder paint on phosphated base. Minimum thickness: 60 microns	
Colour	Grey RAL 7032	
Doors	Type	Solid, 2 mm
	Fixing	Mounted on invisible hinges; reversible and removable, fitted with a strengthening frame, pre-drilled at 25 mm centres, for fixing equipment mounting rails. 120° opening.
	Closing mechanism	Espagnolette bolt with 4 anchor points, outside the sealed area, operated by a handle that can be fitted with 2 inserts (to be ordered separately)
	Sealing	Expanded polyurethane gasket (patented)
	Load	Permissible, evenly distributed: 50 daN
Equipment support fixing method	Chassis with pre-drilled notched uprights type AM3-EC	Angle brackets allowing depth adjustment and hexagon socket head screws (supplied)
	Telequick pre-slotted mounting plates type AM3-PA	On pre-drilled notched uprights AM3-EC
	Solid mounting plates	4 angle brackets allowing depth adjustment and hexagon socket head screws (supplied)
	Maximum load mounted on solid chassis	300 kg
Earthing	Earthing studs welded inside the enclosure and on door	
Base cable entry	Removable gland plate in 2 sections + seals (supplied)	
Resistance to mechanical impact	Solid door: IK 10 (conforming to NF EN 50102)	
Method for fixing enclosure to floor	By means of four Ø 12.5 holes or by means of a plinth (to be ordered separately)	
Degree of protection Conforming to standard IEC 529	IP 55	
Plinth (option)	2.5 mm sheet steel Maximum load: 650 kg IP 30 conforming to EN 60529 Colour: grey RAL 7011	
Protective treatment	"TC"	
Lifting eye bolts	Total load supported by 4 eye bolts: 650 kg, suspended by slings at 60°	