

Mounted Electrical Enclosures

Marine Grade Aluminium | Powder Coated

A1

SINGLE DOOR | IP66 IK10



The IP Enclosures A1 range of powder coated marine grade aluminium electrical enclosures are designed to house a variety of electrical switch and control equipment in harsh environments that require a high level of corrosion resistance.



Features & Specifications

A1

IP Enclosures A1 range of marine grade aluminium electrical enclosures are suitable for general industrial applications.

Protection: IP66 IK10

Standards (& Conformities):

IEC/EN 60529, IEC/EN 62208, UL, RoHS, CE, UKCA



Material:

- Body: 2.5mm marine grade aluminium
- Door: 2.5mm marine grade aluminium
- Device Mounting Plate: 1.5mm galvanised steel sheet
- Seal: Polyurethane



Body: The robust monoblock body is fabricated using 2.5mm marine grade aluminium. Flat face sealing surfaces are provided to increase seal life. Integral device plate mounts, M6 earth studs and welded mounting feet are incorporated. Cutting, pressing and full continuous seam welding using precision automated manufacturing equipment ensures accuracy and consistent high quality.

Single Door: The robust surface mounted door is fabricated using 2.5mm marine grade aluminium and incorporates concealed removable hinges with captive pins. The door is designed for a 110° opening. Each door contains an M6 earth stud and a high quality machine-applied foamed in place (FIP) Polyurethane seal.

Seal: A high quality machine-applied full perimeter UL listed Polyurethane seal foamed in place (FIP) provides excellent sealing over a long life. Temperature resistance -40°C to 80°C (160°C short term loading).

Lock: Stainless Steel 8mm square drive quarter turn lock with key. A full range of locking solutions are available upon request.

Device Mounting Plate: The device mounting plate is 1.5mm galvanised steel sheet. It is pressed to provide strength. It is pre-fitted into the enclosure as standard.

Surface Treatment: UL approved AkzoNobel epoxy polyester powder coated with a textured finish, 80-120 micron average thickness. The standard electrical enclosure colour is RAL7035. A full range of other colour options are available upon request.

Certificates:

- IEC 60529 Degrees of protection provided by enclosures: Certificate AB-1374-T 2021-PTC-1162-2
- IEC/EN 62208 Empty Enclosures for low-voltage switchgear and controlgear assemblies: Certificate 0366932-TSE-01/01
- CE Certificate of Compliance: Certificate SZT-24MA33485-1
- UKCA Certificate of Compliance: Certificate SZT-25MA38734-1
- UL: Listing Number E534557

Part Number	Enclosure Size	Device Plate	Locks	Weight
Standard	H x W x D (mm)	H x W (mm)	Qty	Kg
IP-A302015	300 x 200 x 150	250 x 130	1	4
IP-A302515	300 x 250 x 150	250 x 180	1	4
IP-A303015	300 x 300 x 150	250 x 230	1	6
IP-A303020	300 x 300 x 200	250 x 230	1	6
IP-A403015	400 x 300 x 150	350 x 230	1	7
IP-A403020	400 x 300 x 200	350 x 230	1	8
IP-A404020	400 x 400 x 200	350 x 330	1	9
IP-A404030	400 x 400 x 300	350 x 330	1	11
IP-A503015	500 x 300 x 150	450 x 230	1	8
IP-A503020	500 x 300 x 200	450 x 230	1	9
IP-A504020	500 x 400 x 200	450 x 330	1	11
IP-A504025	500 x 400 x 250	450 x 330	1	12
IP-A505020	500 x 500 x 200	450 x 430	1	13
IP-A505025	500 x 500 x 250	450 x 430	1	14
IP-A604020	600 x 400 x 200	550 x 330	2	13
IP-A604025	600 x 400 x 250	550 x 330	2	14
IP-A606020	600 x 600 x 200	550 x 530	2	18
IP-A606030	600 x 600 x 300	550 x 530	2	20
IP-A606040	600 x 600 x 400	550 x 530	2	22
IP-A705020	700 x 500 x 200	650 x 430	2	17
IP-A804030	800 x 400 x 300	750 x 330	2	19
IP-A806020	800 x 600 x 200	750 x 530	2	23
IP-A806030	800 x 600 x 300	750 x 530	2	25
IP-A808020	800 x 800 x 200	750 x 730	2	29
IP-A808030	800 x 800 x 300	750 x 730	2	32