SS1 Electrical Enclosure

IP-SS1608040

STAINLESS STEEL | SINGLE DOOR | IP66

1600H x 800W x 400D

The SS1 range of stainless steel electrical enclosures are rated for protection up to IP66. This range is floor-mounted, grade 316L stainless steel, single door construction suitable for extreme duty applications.

Protection: IP66 IK10 (NEMA 4x)

Standards (& Conformities): IEC/EN 60529, IEC/EN 62208, IEC/EN 61439, RoHS

Material:
- Body: 1.5mm Grade 316L stainless steel (Optional 304)
- Door: 1.5mm Grade 316L stainless steel (Optional 304)
- Device Mounting Plate: 1.5mm galvanised steel sheet
- Seal: Polyurethane

Surface Finish: 0.4 micron Ra surface brushed finish.

Enclosure Body: The robust monoblock body is fabricated using 1.5mm Grade 316L stainless steel (Grade 304 is also available). Flat face sealing surfaces are provided to increase seal life. Pre-fitted blind nutserts are incorporated to accommodate mounts and accessory fasteners to eliminate drilling and retain IP rating. Integral device plate mounts and M6 earth studs are provided. Cutting, pressing and full continuous seam welding using precision automated manufacturing equipment ensures accuracy and consistent high quality.

Enclosure Door: The robust surface mounted door is fabricated using 1.5mm Grade 316L stainless steel and incorporates concealed removable hinges with captive pins (Grade 304 is also available). The door is designed for a 110° opening. Each door contains cable management rail, an M6 earth stud and a high quality machine-applied foamed in place (FIP) Polyurethane seal. Two internal cable management rails can be removed to provide additional space for equipment, duct and door mounted control components.

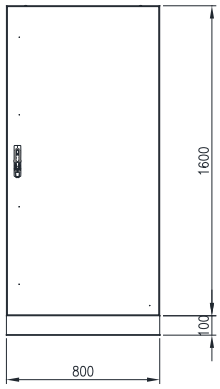
Enclosure Seal: A high quality machine-applied full perimeter UL listed Polyurethane seal foamed in place (FIP) provides excellent sealing over a long life. Temperature resistance -40°C to 80°C (160°C short term loading).

Enclosure Lock: 3-point locking system with key-lock swing handle.

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

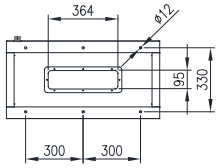
Mass: 96Kg.

Maximum Weight of Contents: 82Kg.



FRONT VIEW

SIDE VIEW



BOTTOM VIEW

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ACCESSORIES:

Part Number	Description
IP-EK01	Standard Earthing Kit
IP-SSWMBKIT	316 Stainless Steel Wall-Mounting Bracket Kit (with 4x Brackets and Fasteners)

CERTIFICATES:

IEC 60529 Degrees of protection provided by enclosures: Certificate AB-0386-T 1902.14 02/00
IEC/EN 62208 Empty Enclosures for low-voltage switchgear and controlgear assemblies: Certificate 0366932-TSE-01/01
IEC/EN61439-1, 61439-2 low voltage switchgear and controlgear assemblies: Certificate AB-0341-T, 23-297-R1-N1-1
CE Certificate of Compliance: Certificate SZT-24 MA 33485-1
UKCA Certificate of Compliance: Certificate SZT-25 MA 38734-1

IEC/EN 61439 Certified Test Ratings:

Rated Voltage:	400 V AC
Rated Insulation Voltage:	690 V
Rated Impulse Withstand Voltage:	6 kV
Rated Current:	630A
Rated Peak Withstand Voltage:	40kA
Rated Short-Time Withstand Current:	20kA (Busbar)
Rated Conditional Short Circuit Current:	20kA
Rated Frequency:	50Hz

Products are manufactured to Quality, Safety and Environmental Standards.

WARRANTY: 5 years.

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