

SSSR1 Electrical Enclosure

IP-SSSR505025

STAINLESS STEEL | SLOPING ROOF | IP66

500H x 500W x 250D

The SSSR range of 316L stainless steel 30° sloping roof single door enclosures are designed to house a variety of electrical switch and control equipment while preventing build-up of dust, debris and waste material. They are 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
- Door: 1.5mm Grade 316L stainless steel
- 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 with sloping roof is fabricated using 1.5mm Grade 316L stainless steel. Flat face sealing surfaces are provided to increase seal life. Pre-fitted blind nutserts are incorporated to accommodate mounting and accessories. The roof consists of a sloped roof design that protrudes past the seal, flush with the front of the door face.

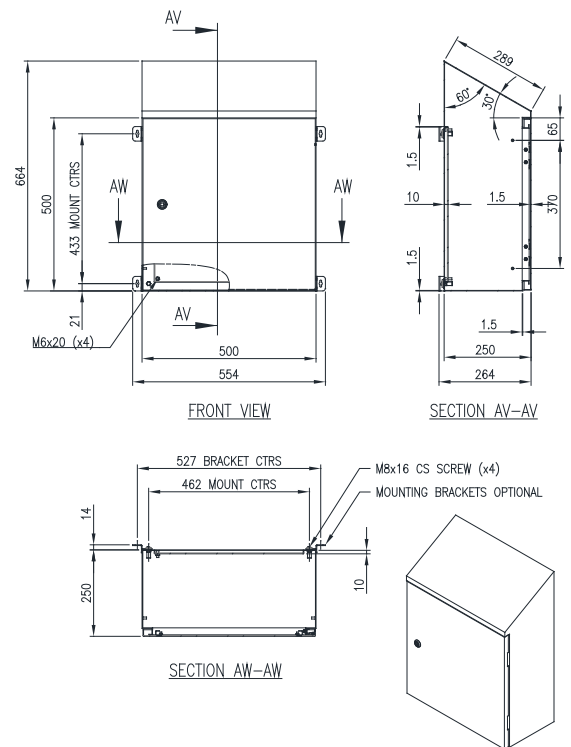
Enclosure Door: The robust surface mounted door is fabricated using 1.5mm Grade 316L stainless steel and incorporates concealed removable hinges with captive pins. The door is designed for a 110° opening. Each door contains cable management rails, an M6 earth stud and a high quality machine-applied foamed in place (FIP) Polyurethane seal.

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: Grade 316 stainless steel 8mm square drive quarter turn lock with key.

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

Mass: 18.4Kg.



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ACCESSORIES:

Part Number	Description
IP-DINRAIL 7.5X35-430	DIN RAIL x 430mm (Pack of 10)
IP-EK01	Standard Earthing Kit
IP-SSWMBKIT	316 Stainless Steel Wall-Mounting Bracket Kit (with 4x Brackets and Fasteners)
IP-SSPMP500	316 Stainless Steel U-Channel Profile 500mm Long
IP-SSPMB	316 Stainless Steel Pole Mount Bracket to Suit Large Diameter Poles (Use with Bandit Strap)
IP-L031	316 Stainless Steel Wing Knob Padlockable

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 SZL-21 MA 13338-1
UKCA Certificate of Compliance: Certificate SZU-22 MA 19560-1
UL: Listing Number E534557

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.