

SSR1 Electrical Enclosure

IP-SSR505025

STEEL | SLOPING ROOF | IP66

500H x 500W x 250D

The SSR range of 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 heavy duty applications.

Protection: IP66 IK10 (NEMA 4)

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



Material:

- Body: 1.2mm galvanised steel sheet
- Door: 1.5mm galvanised steel sheet
- Device Mounting Plate: 1.5mm galvanised steel sheet
- Seal: Polyurethane

Enclosure Body: The robust monoblock body with sloping roof is fabricated using 1.2mm galvanised steel sheet. Flat face sealing surfaces are provided to increase seal life. Pre-fitted blind nuts are incorporated to accommodate mounting. The roof consists of a sloped roof design that protrudes past the seal, flush with the door face. Integral device plate mounts and M6 earth studs are provided.

Enclosure Door: The robust surface mounted door is fabricated using 1.5mm galvanised steel sheet 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.

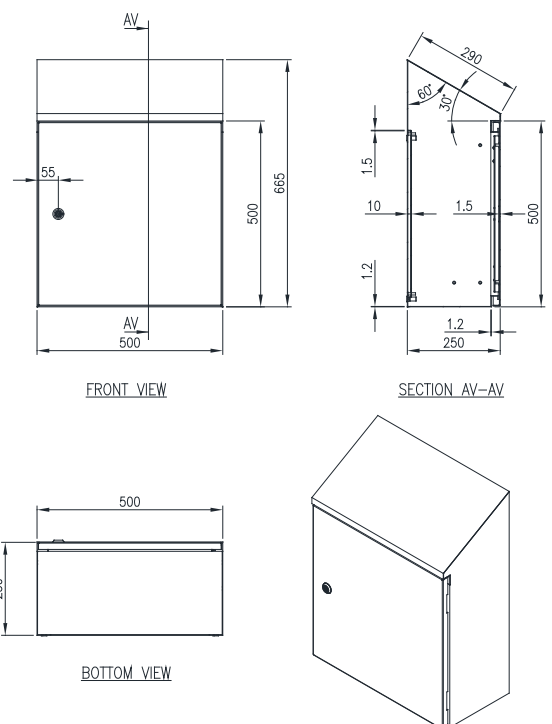
Enclosure Seal: A high quality machine-applied full perimeter UL listed Polyurethane seal foamed in place (FIP) provides excellent sealing over a long life. Temperature resistance -40°C to 80°C (160°C short term loading).

Enclosure Lock: 5mm double bit insert 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 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. Colour RAL7035.

Mass: 15.7Kg.



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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-5050VENTDOOR	Steel Enclosure Door with Ventilation; Powder-Coated
IP-WMBKIT	Wall-Mounting Bracket Kit (with 4x Brackets and Fasteners)
IP-PMP500	U-Channel Profile 500mm Long; Powder-Coated
IP-PMB	Pole Mount Bracket to Suit Large Diameter Poles (Use with Bandit Strap)
IP-L043	Wing Knob Padlockable; Cast Alloy Coated Black

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.