

# SSR1 Electrical Enclosure

## IP-SSR403020

STEEL | SLOPING ROOF | IP66

400H x 300W x 200D

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.

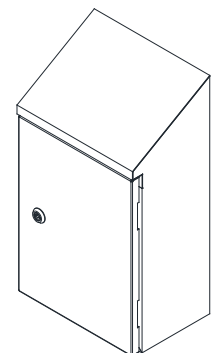
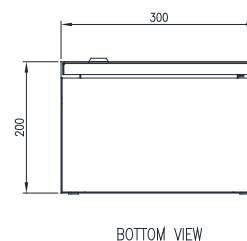
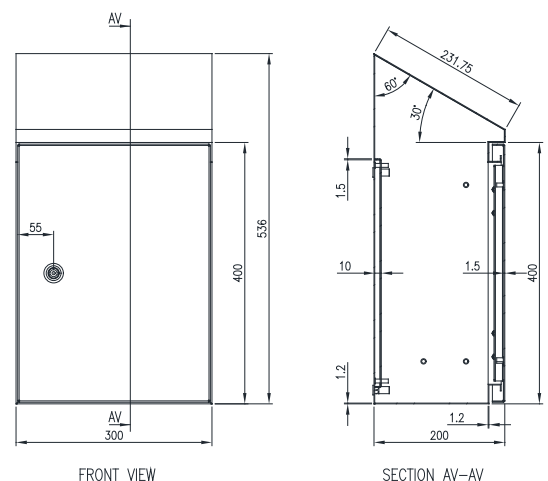
**Enclosure Seal:** A high quality machine-applied full perimeter UL listed Polyurethane seal foamed in place (FIP) provides excellent sealing over a long life. Temperature resistance -40°C to 80°C (160°C short term loading).

**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:** 8.4Kg.



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ACCESSORIES:

Part Number	Description
IP-DINRAIL 7.5X35-230	DIN RAIL x 230mm (Pack of 10)
IP-EK01	Standard Earthing Kit
IP-4030VENTDOOR	Steel Enclosure Door with Ventilation; Powder-Coated
IP-WMBKIT	Wall-Mounting Bracket Kit (with 4x Brackets and Fasteners)
IP-PMP300	U-Channel Profile 300mm 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.