# PRODUCT BROCHURE

Sloping Roof Electrical Enclosures

# Mounted Electrical Enclosures

## Steel | Powder Coated

**SSR1**

**SLOPING ROOF | SINGLE DOOR | IP66 IK10**

The IP Enclosures SSR1 range of powder coated galvanised steel sloping roof enclosures are designed to house a variety of electrical switch and control equipment. The sloping roof assists to prevent build up of dust, debris and waste material.

# Features & Specifications

IP Enclosures SSR1 range of steel sloping roof electrical enclosures are designed to house a variety of electrical switch and control equipment while preventing build up of dust, debris and waste material.

**Protection:** IP66 IK10

**Standard:** IEC/EN62208, IEC/EN/AS60529, RoHS

CE UKCA c(UL)us N° file E534557

**Material:**
- Body: 1.2 Galvanised Steel Sheet
- Door: 1.2 Galvanised Steel Sheet
- Device Mounting Plate: 1.5mm Galvanised Steel Sheet
- Seal: Polyurethane

**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 nutserts are incorporated to accommodate mounting. The roof consists of a sloped roof design that protrudes past the seal, flush with the door face.

**Single Door:** The robust surface mounted door is fabricated using 1.2mm 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.

**Seal:**  Polyurethane seal (FIP). Temperature resistance: -40°C to 80°C

**Lock:** Chrome 5mm double bit insert quarter turn lock with key.

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

**Surface Treatment:** Powder coated 80-120 micron average thickness textured finish.

| Part Number | Enclosure Size | Device Plate | Locks | Accessories | | Option |
|---|---|---|---|---|---|---|
| Standard | H x W x D (mm) | H x W (mm) | Qty | Inner Door | Transparent Door | Colour |
| IP-SSR302015 | 300 x 200 x 150 | 250 x 130 | 1 | IP-PSID3020 | - | -OR |
| IP-SSR303015 | 300 x 300 x 150 | 250 x 230 | 1 | IP-PSID3030 | - | -OR |
| IP-SSR403020 | 400 x 300 x 200 | 350 x 230 | 1 | IP-PSID4030 | - | -OR |
| IP-SSR404020 | 400 x 400 x 200 | 350 x 330 | 1 | IP-PSID4040 | IP-4040WINDOOR | -OR |
| IP-SSR504020 | 500 x 400 x 200 | 450 x 330 | 1 | IP-PSID5040 | - | -OR |
| IP-SSR504025 | 500 x 400 x 250 | 450 x 330 | 1 | IP-PSID5040 | - | -OR |
| IP-SSR505025 | 500 x 500 x 250 | 450 x 430 | 1 | IP-PSID5050 | - | -OR |
| IP-SSR604025 | 600 x 400 x 250 | 550 x 330 | 2 | IP-PSID6040 | IP-6040WINDOOR | -OR |
| IP-SSR606030 | 600 x 600 x 300 | 550 x 530 | 2 | IP-PSID6060 | IP-6060WINDOOR | -OR |
| IP-SSR806030 | 800 x 600 x 300 | 750 x 530 | 2 | IP-PSID8060 | - | -OR |
| IP-SSR808030 | 800 x 800 x 300 | 750 x 730 | 2 | IP-PSID8080 | IP-8080WINDOOR | -OR |
| IP-SSR1007040 | 1000 x 700 x 400 | 950 x 630 | 2 | - | - | -OR |
| IP-SSR1008030 | 1000 x 800 x 300 | 950 x 730 | 2 | IP-PSID10080 | - | -OR |

# Mounted Electrical Enclosures

## Steel | Powder Coated

**SSR1-HD**

**SLOPING ROOF | SINGLE DOOR | HEAVY DUTY | IP66 IK10**



The IP Enclosures heavy duty sloping roof enclosures are designed to house a variety of electrical switch and control equipment in extreme conditions including mining and quarry environments. The overhanging 38° sloping roof assists to prevent build up of dust on the enclosure and buttons.

# Features & Specifications

IP Enclosures SSR1-HD range of steel sloping roof electrical enclosures are designed to house a variety of electrical switch and control equipment in extreme environments while preventing build up of dust, debris and waste material on the enclosure and buttons.

**Protection:** IP66 IK10

**Standard:** IEC/EN62208, IEC/EN/AS60529, RoHS

CE UKCA cULus N° file E534557

**Material:**
- Body: 2mm Galvanised Steel Sheet
- Door: 2mm Galvanised Steel Sheet
- Device Mounting Plate: 1.5mm Galvanised Steel Sheet
- Gland Plate: 2mm Galvanised steel sheet
- Seal: Polyurethane.

**Body:** The robust monoblock body with sloping roof is fabricated using 2.0mm galvanised steel sheet. Flat face sealing surfaces are provided to increase seal life. Pre-fitted blind nutserts are incorporated to accommodate mounting. The roof consists of a 38° sloped roof design that protrudes past pushbuttons. Integral device plate mounts and M6 earth stud is provided.

**Door:** The robust surface mounted door is fabricated using 2mm 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.

**Seal:** Polyurethane seal (FIP). Temperature resistance: -40°C to 80°C

**Lock:** Chrome 5mm double bit insert quarter turn lock with key.

**Device Mounting Plate**: 1.5mm galvanised steel sheet. Powder coated RAL9016 White.

**Surface Treatment:** Powder coated 80-120 micron average thickness smooth finish.

| Part Number | Optional | Enclosure Size | Device Plate | Locks | Accessories | Number Suffix | |
|---|---|---|---|---|---|---|---|
| **Heavy Duty** | **With Sun Shields** | **H x W x D (mm)** | **H x W (mm)** | **Qty** | **Inner Door** | **Optional Colours** | |
| IP-SSR302015-HD | IP-SSR302015-HD-SUN | 300 x 200 x 150 | 250 x 130 | 1 | IP-PSID3020 | -BLU | -OR |
| IP-SSR303015-HD | IP-SSR303015-HD-SUN | 300 x 300 x 150 | 250 x 230 | 1 | IP-PSID3030 | -BLU | -OR |
| IP-SSR403020-HD | IP-SSR403020-HD-SUN | 400 x 300 x 200 | 350 x 230 | 1 | IP-PSID4030 | -BLU | -OR |
| IP-SSR404020-HD | IP-SSR404020-HD-SUN | 400 x 400 x 200 | 350 x 330 | 1 | IP-PSID4040 | -BLU | -OR |
| IP-SSR504020-HD | IP-SSR504020-HD-SUN | 500 x 400 x 200 | 450 x 330 | 1 | IP-PSID5040 | -BLU | -OR |
| IP-SSR504025-HD | IP-SSR504025-HD-SUN | 500 x 400 x 250 | 450 x 330 | 1 | IP-PSID5040 | -BLU | -OR |
| IP-SSR505025-HD | IP-SSR505025-HD-SUN | 500 x 500 x 250 | 450 x 430 | 1 | IP-PSID5050 | -BLU | -OR |
| IP-SSR604025-HD | IP-SSR604025-HD-SUN | 600 x 400 x 250 | 550 x 330 | 2 | IP-PSID6040 | -BLU | -OR |
| IP-SSR606030-HD | IP-SSR606030-HD-SUN | 600 x 600 x 300 | 550 x 530 | 2 | IP-PSID6060 | -BLU | -OR |
| IP-SSR806030-HD | IP-SSR806030-HD-SUN | 800 x 600 x 300 | 750 x 530 | 2 | IP-PSID8060 | -BLU | -OR |
| IP-SSR808030-HD | IP-SSR808030-HD-SUN | 800 x 800 x 300 | 750 x 730 | 2 | IP-PSID8080 | -BLU | -OR |
| IP-SSR1007040-HD | IP-SSR1007040-HD-SUN | 1000 x 700 x 400 | 950 x 630 | 2 | - | -BLU | -OR |
| IP-SSR1008030-HD | IP-SSR1008030-HD-SUN | 1000 x 800 x 300 | 950 x 730 | 2 | IP-PSID10080 | -BLU | -OR |

# Mounted Electrical Enclosures SSR1-SUN

## Steel | Powder Coated | Sun Shields

**SLOPING ROOF | SINGLE DOOR | IP66 IK10 | WITH SUN SHIELDS FITTED**

The IP Enclosures SSR-SUN range of powder coated galvanised steel sloping roof enclosures with sun shields are designed to assist in controlling internal temperatures of enclosures installed in extreme environments exposed to direct sunlight. The sloping roof assists to prevent build up of dust, debris and waste material.

# Features & Specifications

IP Enclosures SSR1-SUN range of steel sloping roof electrical enclosures with sun shields are designed to house a variety of electrical switch and control equipment while preventing build up of dust, debris and waste material. Sun shields (solar shields) are fitted to external surfaces to assist in controlling the internal temperature of the electrical enclosure when exposed to extreme heat from sunlight.

**Protection:** IP66 IK10

**Standard:** IEC/EN62208, IEC/EN/AS60529, RoHS

CE  UKCA  c(UL)us  N° file E534557

**Material:**
- Body & Sun Shields: 1.2 to 2.0mm galvanised steel sheet
- Door: 1.2 to 2.0mm galvanised steel sheet
- Device Mounting Plate: 1.5mm galvanised steel sheet
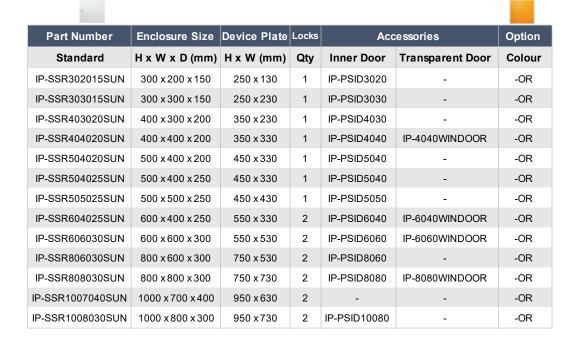- Seal: Polyurethane

**Body & Sun Shields:** The robust monoblock body with sloping roof is fabricated using 1.2 to 2.0 galvanised steel sheet. Flat face sealing surfaces are provided to increase seal life. Pre-fitted blind nutserts are incorporated to accommodate mounting. The roof consists of a sloped roof design that protrudes past the seal. Sun shields are provided with spacers to offset the surface of the shield from the surface of the enclosure.

**Single Door:** The robust surface mounted door is fabricated using 1.2 to 2.0mm 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.

**Seal:** UL listed Polyurethane seal (FIP). Temperature resistance: -40°C to 80°C

**Lock:** Chrome 5mm double bit insert quarter turn lock with key.

**Device Mounting Plate**: 1.5mm galvanised steel sheet.

| Part Number | Enclosure Size | Device Plate | Locks | Accessories | | Option |
|---|---|---|---|---|---|---|
| Standard | H x W x D (mm) | H x W (mm) | Qty | Inner Door | Transparent Door | Colour |
| IP-SSR302015SUN | 300 x 200 x 150 | 250 x 130 | 1 | IP-PSID3020 | - | -OR |
| IP-SSR303015SUN | 300 x 300 x 150 | 250 x 230 | 1 | IP-PSID3030 | - | -OR |
| IP-SSR403020SUN | 400 x 300 x 200 | 350 x 230 | 1 | IP-PSID4030 | - | -OR |
| IP-SSR404020SUN | 400 x 400 x 200 | 350 x 330 | 1 | IP-PSID4040 | IP-4040WINDOOR | -OR |
| IP-SSR504020SUN | 500 x 400 x 200 | 450 x 330 | 1 | IP-PSID5040 | - | -OR |
| IP-SSR504025SUN | 500 x 400 x 250 | 450 x 330 | 1 | IP-PSID5040 | - | -OR |
| IP-SSR505025SUN | 500 x 500 x 250 | 450 x 430 | 1 | IP-PSID5050 | - | -OR |
| IP-SSR604025SUN | 600 x 400 x 250 | 550 x 330 | 2 | IP-PSID6040 | IP-6040WINDOOR | -OR |
| IP-SSR606030SUN | 600 x 600 x 300 | 550 x 530 | 2 | IP-PSID6060 | IP-6060WINDOOR | -OR |
| IP-SSR806030SUN | 800 x 600 x 300 | 750 x 530 | 2 | IP-PSID8060 | - | -OR |
| IP-SSR808030SUN | 800 x 800 x 300 | 750 x 730 | 2 | IP-PSID8080 | IP-8080WINDOOR | -OR |
| IP-SSR1007040SUN | 1000 x 700 x 400 | 950 x 630 | 2 | - | - | -OR |
| IP-SSR1008030SUN | 1000 x 800 x 300 | 950 x 730 | 2 | IP-PSID10080 | - | -OR |

# Mounted Electrical Enclosures

**SSSR1**

## Stainless Steel Grade 316/316L

**SLOPING ROOF | SINGLE DOOR | IP66 IK10**

The IP Enclosures SSSR range of grade 316/316L stainless steel sloping roof enclosures are designed to house a variety of electrical switch and control equipment in extreme environments. The sloping roof assists to prevent build up of dust, debris and waste material.

# Features & Specifications

IP Enclosures SSSR range of grade 316/316L stainless steel sloping roof electrical enclosures are designed to house a variety of electrical switch and control equipment while preventing build up of dust, debris and waste material.

**Protection:** IP66 IK10

**Standard:** IEC/EN62208, IEC/EN/AS60529, RoHS

CE  UKCA  c(UL)us  N° file E534557

**Material:**
- Body: 1.5mm Grade 316/316L Stainless Steel
- Door: 1.5mm Grade 316/316L Stainless Steel
- Device Mounting Plate: 1.5mm Galvanised Steel Sheet
- Seal: Polyurethane.

**Surface Finish:** 0.4 micron Ra surface brushed finish

**Body:** The robust monoblock body with sloping roof is fabricated using 1.5mm Grade 316/316L 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.

**Door:** The robust surface mounted door is fabricated using 1.5mm Grade 316/316L 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.

**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:** 316ss 8mm square drive quarter turn lock with key.

**Device Mounting Plate**: Fabricated using 1.5mm galvanised steel sheet.

| Part Number | Enclosure Size | Device Plate | Locks | Accessories | |
|---|---|---|---|---|---|
| Standard | H x W x D (mm) | H x W (mm) | Qty | Inner Door | Transparent Door |
| IP-SSSR302015 | 300 x 200 x 150 | 250 x 130 | 1 | IP-SSID3020 | - |
| IP-SSSR303015 | 300 x 300 x 150 | 250 x 230 | 1 | IP-SSID3030 | - |
| IP-SSSR403020 | 400 x 300 x 200 | 350 x 230 | 1 | IP-SSID4030 | - |
| IP-SSSR404020 | 400 x 400 x 200 | 350 x 330 | 1 | IP-SSID4040 | IP-SS4040WINDOOR |
| IP-SSSR504020 | 500 x 400 x 200 | 450 x 330 | 1 | IP-SSID5040 | - |
| IP-SSSR504025 | 500 x 400 x 250 | 450 x 330 | 1 | IP-SSID5040 | - |
| IP-SSSR505025 | 500 x 500 x 250 | 450 x 430 | 1 | IP-SSID5050 | - |
| IP-SSSR604025 | 600 x 400 x 250 | 550 x 330 | 2 | IP-SSID6040 | IP-SS6040WINDOOR |
| IP-SSSR606030 | 600 x 600 x 300 | 550 x 530 | 2 | IP-SSID6060 | IP-SS6060WINDOOR |
| IP-SSSR806030 | 800 x 600 x 300 | 750 x 530 | 2 | IP-SSID8060 | - |
| IP-SSSR808030 | 800 x 800 x 300 | 750 x 730 | 2 | IP-SSID8080 | IP-SS8080WINDOOR |
| IP-SSSR1007040 | 1000 x 700 x 400 | 950 x 630 | 2 | - | - |
| IP-SSSR1008030 | 1000 x 800 x 300 | 950 x 730 | 2 | IP-SSID10080 | - |

# Mounted Electrical Enclosures

## SSSR1-HD

## Stainless Steel Grade 316/316L

**SLOPING ROOF | SINGLE DOOR | HEAVY DUTY | IP66 IK10**



Stainless steel heavy duty sloping roof enclosures are designed to house a variety of electrical switch and control equipment in extreme conditions including mining and quarry environments. The overhanging 38° sloping roof assists to prevent build up of dust on the enclosure and buttons.

# Features & Specifications

IP Enclosures SSR1-HD range of stainless steel heavy duty sloping roof electrical enclosures are designed to house a variety of electrical switch and control equipment in extreme environments while preventing build up of dust, debris and waste material on the enclosure and buttons.

**Protection:** IP66 IK10, NEMA 4x

**Standard:** IEC/EN62208, IEC/EN/AS60529, RoHS

CE UKCA cULus N° file E534557

**Material:**
- Body: 2mm Grade 316/316L Stainless Steel
- Door: 2mm Grade 316/316L Stainless Steel
- Device Mounting Plate: 1.5mm Galvanised Steel Sheet
- Seal: Polyurethane.

**Surface Finish:** 0.4 micron Ra surface brushed finish

**Body:** The robust monoblock body with sloping roof is fabricated using 2mm Grade 316/316L 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 38° sloped roof design that protrudes past pushbuttons.

**Door:** The robust surface mounted door is fabricated using 2mm Grade 316/316L 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.

**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:** 316ss 8mm square drive quarter turn lock with key.

**Device Mounting Plate**: 1.5mm galvanised steel sheet. Powder coated RAL9016 White.

| Part Number | Enclosure Size | Device Plate | Locks | Accessories | |
|---|---|---|---|---|---|
| Standard | H x W x D (mm) | H x W (mm) | Qty | Inner Door | Transparent Door |
| IP-SSSR302015-HD | 300 x 200 x 150 | 250 x 130 | 1 | IP-SSID3020 | - |
| IP-SSSR303015-HD | 300 x 300 x 150 | 250 x 230 | 1 | IP-SSID3030 | - |
| IP-SSSR403020-HD | 400 x 300 x 200 | 350 x 230 | 1 | IP-SSID4030 | - |
| IP-SSSR404020-HD | 400 x 400 x 200 | 350 x 330 | 1 | IP-SSID4040 | IP-SS4040WINDOOR |
| IP-SSSR504020-HD | 500 x 400 x 200 | 450 x 330 | 1 | IP-SSID5040 | - |
| IP-SSSR504025-HD | 500 x 400 x 250 | 450 x 330 | 1 | IP-SSID5040 | - |
| IP-SSSR505025-HD | 500 x 500 x 250 | 450 x 430 | 1 | IP-SSID5050 | - |
| IP-SSSR604025-HD | 600 x 400 x 250 | 550 x 330 | 2 | IP-SSID6040 | IP-SS6040WINDOOR |
| IP-SSSR606030-HD | 600 x 600 x 300 | 550 x 530 | 2 | IP-SSID6060 | IP-SS6060WINDOOR |
| IP-SSSR806030-HD | 800 x 600 x 300 | 750 x 530 | 2 | IP-SSID8060 | - |
| IP-SSSR808030-HD | 800 x 800 x 300 | 750 x 730 | 2 | IP-SSID8080 | IP-SS8080WINDOOR |
| IP-SSSR1007040-HD | 1000 x 700 x 400 | 950 x 630 | 2 | - | - |
| IP-SSSR1008030-HD | 1000 x 800 x 300 | 950 x 730 | 2 | IP-SSID10080 | - |

**IP Enclosures**®