

# Mounted Electrical Enclosures

## Stainless Steel Grade 304 & 316L

**SS1**

**SINGLE DOOR | IP66 IK10**



The IP Enclosures SS1 range of stainless steel single door enclosures are designed to house a variety of electrical switch and control equipment in extreme environments. They are suitable for internal and external electrical installations for industrial, infrastructure, commercial, communications, defence, marine, food and beverage applications. All IP Enclosures are built to precision to ensure consistent high quality standards.



## Features & Specifications

# SS1

**IP Enclosures SS1 range of stainless steel electrical enclosures are suitable for general industrial applications.**

**Protection:** IP66 IK10 (NEMA 4x)

**Standards (& Conformities):**

IEC/EN 60529, IEC/EN 62208, IEC/EN 61439, UL, RoHS, CE, UKCA



**Material:**

- Body: 1.5mm Stainless Steel. Available in either Grade 316L or 304L Stainless Steel
- Door: 1.5mm Stainless Steel. Available in either Grade 316L or 304L 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 is fabricated using 1.5mm stainless steel. 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.

**Single Door:** The robust surface mounted door is fabricated using 1.5mm 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. Two internal cable management rails can be removed to provide additional space for equipment, duct and door mounted control components.

**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:** Grade 316 Stainless Steel 8mm square drive quarter turn lock with key. A full range of locking solutions are available upon request.

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

**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-24MA33485-1
- UKCA Certificate of Compliance: Certificate SZT-25MA38734-1
- 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 Current: 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.



# Mounted Electrical Enclosures

## Stainless Steel Grade 304 & 316L

**SS2**

**DOUBLE DOOR | IP55 IK10**



The IP Enclosures SS2 range of stainless steel double door enclosures are designed to house a variety of electrical switch and control equipment in extreme environments. They are suitable for internal and external electrical installations for industrial, infrastructure, commercial, communications, defence, marine, food and beverage applications. All IP Enclosures are built to precision to ensure consistent high quality standards.



## Features & Specifications

# SS2

**IP Enclosures SS2 range of grade stainless steel electrical enclosures are suitable for general industrial applications.**

**Protection:** IP55 IK10 (NEMA 3x)  
(Independent accredited test laboratory)

**Standards (& Conformities):**

IEC/EN 60529, IEC/EN 62208, IEC/EN 61439, RoHS, CE, UKCA



**Material:**

- Body: 1.5mm Stainless Steel. Available in either Grade 316L or 304L Stainless Steel
- Door: 1.5mm Stainless Steel. Available in either Grade 316L or 304L 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 is fabricated using 1.5mm stainless steel. 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.

**Double Doors:** The surface mounted doors are 1.5mm stainless steel and incorporates concealed removable hinges with captive pins. The doors are designed to eliminate the central mullion to improve accessibility into the enclosure. Doors are designed for a 110° opening. Each door contains integral cable management rail studs and M6 earth studs. The cable management rails are removable to provide more space for control components.

**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:** 3 point locking system with key-lock swing handle. A full range of locking solutions are available upon request.

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

**Certificates:**

- IEC 60529 Degrees of protection provided by enclosures: Certificate AB-0386-T 1610.05.01/00
- 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, 23-314-R1-N1-1
- CE Certificate of Compliance: Certificate SZT-24MA33485-1
- UKCA Certificate of Compliance: Certificate SZT-25MA38734-1

**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 Current: 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.



# Stainless Steel Grade 304 & 316L

# SS1

## SINGLE DOOR | IP66 IK10

Part Number	Optional	Enclosure Size	Device Plate	Locks	Weight	Accessories		
Grade 316	Grade 304	H x W x D (mm)	H x W (mm)	Qty	Kg	Inner Door	Rain Hood	Transparent Door
IP-SS302015	IP-304-302015	300 x 200 x 150	250 x 130	1	5	IP-SSID3020	IP-SSRH2015	-
IP-SS302515	IP-304-302515	300 x 250 x 150	250 x 180	1	5	-	-	-
IP-SS303015	IP-304-303015	300 x 300 x 150	250 x 230	1	6	IP-SSID3030	IP-SSRH3015	-
IP-SS303020	IP-304-303020	300 x 300 x 200	250 x 230	1	9	IP-SSID3030	IP-SSRH3020	-
IP-SS403015	IP-304-403015	400 x 300 x 150	350 x 230	1	8	IP-SSID4030	IP-SSRH3015	-
IP-SS403020	IP-304-403020	400 x 300 x 200	350 x 230	1	9	IP-SSID4030	IP-SSRH3020	-
IP-SS404020	IP-304-404020	400 x 400 x 200	350 x 330	1	11	IP-SSID4040	IP-SSRH4020	IP-SS4040WINDOOR
IP-SS404030	IP-304-404030	400 x 400 x 300	350 x 330	1	12	IP-SSID4040	IP-SSRH4030	IP-SS4040WINDOOR
IP-SS503015	IP-304-503015	500 x 300 x 150	450 x 230	1	9	IP-SSID5030	IP-SSRH3015	-
IP-SS503020	IP-304-503020	500 x 300 x 200	450 x 230	1	10	IP-SSID5030	IP-SSRH3020	-
IP-SS504020	IP-304-504020	500 x 400 x 200	450 x 330	1	13	IP-SSID5040	IP-SSRH4020	-
IP-SS504025	IP-304-504025	500 x 400 x 250	450 x 330	1	14	IP-SSID5040	-	-
IP-SS505020	IP-304-505020	500 x 500 x 200	450 x 430	1	15	IP-SSID5050	-	-
IP-SS505025	IP-304-505025	500 x 500 x 250	450 x 430	1	16	IP-SSID5050	IP-SSRH5025	-
IP-SS505030	IP-304-505030	500 x 500 x 300	450 x 430	1	17	IP-SSID5050	-	-
IP-SS604020	IP-304-604020	600 x 400 x 200	550 x 330	2	15	IP-SSID6040	IP-SSRH4020	IP-SS6040WINDOOR
IP-SS604025	IP-304-604025	600 x 400 x 250	550 x 330	2	16	IP-SSID6040	-	IP-SS6040WINDOOR
IP-SS604030	IP-304-604030	600 x 400 x 300	550 x 330	2	17	IP-SSID6040	IP-SSRH4030	IP-SS6040WINDOOR
IP-SS606020	IP-304-606020	600 x 600 x 200	550 x 530	2	20	IP-SSID6060	IP-SSRH6020	IP-SS6060WINDOOR
IP-SS606030	IP-304-606030	600 x 600 x 300	550 x 530	2	23	IP-SSID6060	IP-SSRH6030	IP-SS6060WINDOOR
IP-SS606040	IP-304-606040	600 x 600 x 400	550 x 530	2	26	IP-SSID6060	IP-SSRH6040	IP-SS6060WINDOOR
IP-SS705020	IP-304-705020	700 x 500 x 200	650 x 430	2	20	IP-SSID7050	-	-
IP-SS705025	IP-304-705025	700 x 500 x 250	650 x 430	2	21	IP-SSID7050	IP-SSRH5025	-
IP-SS804030	IP-304-804030	800 x 400 x 300	750 x 330	2	22	-	IP-SSRH4030	-
IP-SS806020	IP-304-806020	800 x 600 x 200	750 x 530	2	26	IP-SSID8060	IP-SSRH6020	-
IP-SS806025	IP-304-806025	800 x 600 x 250	750 x 530	2	27	IP-SSID8060	IP-SSRH6025	-
IP-SS806030	IP-304-806030	800 x 600 x 300	750 x 530	2	29	IP-SSID8060	IP-SSRH6030	-
IP-SS808020	IP-304-808020	800 x 800 x 200	750 x 730	2	33	IP-SSID8080	-	IP-SS8080WINDOOR
IP-SS808030	IP-304-808030	800 x 800 x 300	750 x 730	2	36	IP-SSID8080	IP-SSRH8030	IP-SS8080WINDOOR
IP-SS808040	IP-304-808040	800 x 800 x 400	750 x 730	2	40	IP-SSID8080	-	IP-SS8080WINDOOR
IP-SS1006025	IP-304-1006025	1000 x 600 x 250	950 x 530	2	33	-	IP-SSRH6025	-
IP-SS1006030	IP-304-1006030	1000 x 600 x 300	950 x 530	2	35	-	IP-SSRH6030	-
IP-SS1008030	IP-304-1008030	1000 x 800 x 300	950 x 730	2	44	-	IP-SSRH8030	-
IP-SS1008040	IP-304-1008040	1000 x 800 x 400	950 x 730	2	48	-	-	-
IP-SS1208030	IP-304-1208030	1200 x 800 x 300	1150 x 730	2	53	-	IP-SSRH8030	-
IP-SS1208040	IP-304-1208040	1200 x 800 x 400	1150 x 730	2	56	-	-	-

# Stainless Steel Grade 304 & 316L

# SS1 SS2

## SINGLE DOOR, LANDSCAPE ORIENTATION | IP66 IK10

Part Number	Optional	Enclosure Size	Device Plate	Locks	Weight	Accessories		
Grade 316	Grade 304	H x W x D (mm)	H x W (mm)	Qty	Kg	Inner Door	Rain Hood	Transparent Door
IP-SSL304015	IP-304-L304015	300 x 400 x 150	250 x 330	1	8	-	-	-
-	IP-304-L304020	300 x 400 x 200	250 x 330	1	-	-	IP-SSRH4020	-
IP-SSL406030	IP-304-L406030	400 x 600 x 300	350 x 530	1	17	-	IP-SSRH6030	-
IP-SSL608030	IP-304-L608030	600 x 800 x 300	550 x 730	2	29	-	IP-SSRH8030	-

## SINGLE DOOR, FLOOR STANDING WITH PEDESTAL | IP66 IK10

Part Number	Optional	Enclosure Size	Device Plate	Locks	Weight	Accessories		
Grade 316	Grade 304	H x W x D (mm)	H x W (mm)	Type	Kg	Inner Door	Rain Hood	Transparent Door
IP-SS1408040	IP-304-1408040	1400* x 800 x 400	1350 x 730	3-Point	87	-	-	-
IP-SS1608040	IP-304-1608040	1600* x 800 x 400	1550 x 730	3-Point	96	-	-	-
IP-SS1608060	IP-304-1608060	1600* x 800 x 600	1550 x 730	3-Point	110	-	-	-
IP-SS20010040	IP-304-20010040	2000* x 1000 x 400	1950 x 930	3-Point	137	-	-	-

\*+100mm base plinth

## DOUBLE DOOR | IP55 IK10

Part Number	Optional	Enclosure Size	Device Plate	Locks	Weight	Accessories		
Grade 316	Grade 304	H x W x D (mm)	H x W (mm)	Qty	Kg	Inner Door	Rain Hood	Transparent Door
IP-SS10010030	IP-304-10010030	1000 x 1000 x 300	950 x 930	3-Point	55	-	-	-
IP-SS10010040	IP-304-10010040	1000 x 1000 x 400	950 x 930	3-Point	59	-	-	-
IP-SS12010040	IP-304-12010040	1200 x 1000 x 400	1150 x 930	3-Point	57	-	-	-
IP-SS12012030	IP-304-12012030	1200 x 1200 x 300	1150 x 1130	3-Point	70	-	-	-