

# Mounted Electrical Enclosures

**SS1**

Stainless Steel Grade 316/316L (Optional 304)

**SINGLE DOOR | IP66**



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

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

**Protection:** Complies with IP66 IK10, NEMA 4x  
(Independent accredited test laboratory)

**Standard:** IEC62208, IEC/EN/AS60529, RoHS (IEC/EN/AS61439 Compliant, Optional UL508A) **CE**

**Material:**

- Body: 1.5mm Grade 316/316L Stainless Steel (Optional 304)
- Door: 1.5mm Grade 316/316L Stainless Steel (Optional 304)
- Device Mounting Plate: 1.5mm Galvanised Steel Sheet
- Seal: Polyurethane. UL listed.

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

**Body:** The robust monoblock body is fabricated using 1.5mm Grade 316/316L Stainless Steel (Grade 304 is also available). 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 Grade 316/316L Stainless Steel and incorporates concealed removable hinges with captive pins (Grade 304 is also available). 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 fabricated using 1.5mm galvanised steel sheet, pressed to provide additional strength and supplied pre-fitted into the enclosure as standard.

### Incorporates many advanced features as standard

- Fabricated using grade 316 stainless steel (Optional 304)
- Incorporates flat sealing face to improve seal life
- Includes door cable rails
- Includes nutserts for mounting brackets and accessories to retain IP rating
- Includes mounting points for accessories including inner door escutcheons, rain hoods etc.



# Mounted Electrical Enclosures

**SS2**

Stainless Steel Grade 316/316L (Optional 304)

**DOUBLE DOOR | IP55**




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

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

**Protection:** Complies with IP55 IK10, NEMA 4x  
(Independent accredited test laboratory)

**Standard:** IEC62208, IEC/EN/AS60529, RoHS (IEC/EN/AS61439 Compliant, Optional UL508A) 

**Material:**

- Body: 1.5mm Grade 316/316L Stainless Steel (Optional 304)
- Door: 1.5mm Grade 316/316L Stainless Steel (Optional 304)
- Device Mounting Plate: 1.5mm Galvanised Steel Sheet
- Seal: Polyurethane. UL listed.

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

**Body:** The robust monoblock body is fabricated using 1.5mm Grade 316/316L Stainless Steel (Grade 304 is also available). 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 robust surface mounted doors are fabricated using 1.5mm Grade 316/316L Stainless Steel and incorporates concealed removable hinges with captive pins (Grade 304 is also available). The doors are designed to eliminate the central mullion to improve accessibility into the enclosure. The doors are 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. 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:** 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 fabricated using 1.5mm galvanised steel sheet, pressed to provide additional strength and supplied pre-fitted into the enclosure as standard.



### Incorporates many advanced features as standard

- Fabricated using grade 316 stainless steel (Optional 304)
- Incorporates flat sealing face to improve seal life
- Includes door cable rails
- Includes nutserts for mounting brackets and accessories to retain IP rating
- Includes mounting points for accessories including inner door escutcheons, rain hoods etc.

# Stainless Steel 316/316L (Optional 304)

# SS1

## SINGLE DOOR | IP66

Part Number	Optional	Enclosure Size	Device Plate	Locks	Accessories		
Grade 316	Grade 304	H x W x D (mm)	H x W (mm)	Qty	Inner Door	Rain Hood	Transparent Door
IP-SS302015	IP-304-302015	300 x 200 x 150	250 x 130	1	IP-SSID3020	IP-SSRH2015	-
IP-SS302515	IP-304-302515	300 x 250 x 150	250 x 180	1	-	-	-
IP-SS303015	IP-304-303015	300 x 300 x 150	250 x 230	1	IP-SSID3030	IP-SSRH3015	-
IP-SS303020	IP-304-303020	300 x 300 x 200	250 x 230	1	IP-SSID3030	IP-SSRH3020	-
IP-SS403015	IP-304-403015	400 x 300 x 150	350 x 230	1	IP-SSID4030	IP-SSRH3015	IP-SS4030WINDOOR
IP-SS403020	IP-304-403020	400 x 300 x 200	350 x 230	1	IP-SSID4030	IP-SSRH3020	IP-SS4030WINDOOR
IP-SS404020	IP-304-404020	400 x 400 x 200	350 x 330	1	IP-SSID4040	IP-SSRH4020	IP-SS4040WINDOOR
IP-SS404030	IP-304-404030	400 x 400 x 300	350 x 330	1	IP-SSID4040	IP-SSRH4030	IP-SS4040WINDOOR
IP-SS503015	IP-304-503015	500 x 300 x 150	450 x 230	1	IP-SSID5030	IP-SSRH3015	IP-SS5030WINDOOR
IP-SS503020	IP-304-503020	500 x 300 x 200	450 x 230	1	IP-SSID5030	IP-SSRH3020	IP-SS5030WINDOOR
IP-SS504020	IP-304-504020	500 x 400 x 200	450 x 330	1	IP-SSID5040	IP-SSRH4020	IP-SS5040WINDOOR
IP-SS504025	IP-304-504025	500 x 400 x 250	450 x 330	1	IP-SSID5040	IP-SSRH4025	IP-SS5040WINDOOR
IP-SS505020	IP-304-505020	500 x 500 x 200	450 x 430	1	IP-SSID5050	IP-SSRH5020	IP-SS5050WINDOOR
IP-SS505025	IP-304-505025	500 x 500 x 250	450 x 430	1	IP-SSID5050	IP-SSRH5025	IP-SS5050WINDOOR
IP-SS505030	IP-304-505030	500 x 500 x 300	450 x 430	1	IP-SSID5050	-	IP-SS5050WINDOOR
IP-SS604020	IP-304-604020	600 x 400 x 200	550 x 330	2	IP-SSID6040	IP-SSRH4020	IP-SS6040WINDOOR
IP-SS604025	IP-304-604025	600 x 400 x 250	550 x 330	2	IP-SSID6040	IP-SSRH4025	IP-SS6040WINDOOR
IP-SS604030	IP-304-604030	600 x 400 x 300	550 x 330	2	IP-SSID6040	IP-SSRH4030	IP-SS6040WINDOOR
IP-SS606020	IP-304-606020	600 x 600 x 200	550 x 530	2	IP-SSID6060	IP-SSRH6020	IP-SS6060WINDOOR
IP-SS606030	IP-304-606030	600 x 600 x 300	550 x 530	2	IP-SSID6060	IP-SSRH6030	IP-SS6060WINDOOR
IP-SS606040	IP-304-606040	600 x 600 x 400	550 x 530	2	IP-SSID6060	IP-SSRH6040	IP-SS6060WINDOOR
IP-SS705020	IP-304-705020	700 x 500 x 200	650 x 430	2	IP-SSID7050	IP-SSRH5020	IP-SS7050WINDOOR
IP-SS705025	IP-304-705025	700 x 500 x 250	650 x 430	2	IP-SSID7050	IP-SSRH5025	IP-SS7050WINDOOR
IP-SS804030	IP-304-804030	800 x 400 x 300	750 x 330	2	IP-SSID8040	IP-SSRH4030	IP-SS8040WINDOOR
IP-SS806020	IP-304-806020	800 x 600 x 200	750 x 530	2	IP-SSID8060	IP-SSRH6020	IP-SS8060WINDOOR
IP-SS806025	IP-304-806025	800 x 600 x 250	750 x 530	2	IP-SSID8060	IP-SSRH6025	IP-SS8060WINDOOR
IP-SS806030	IP-304-806030	800 x 600 x 300	750 x 530	2	IP-SSID8060	IP-SSRH6030	IP-SS8060WINDOOR
IP-SS808020	IP-304-808020	800 x 800 x 200	750 x 730	2	IP-SSID8080	IP-SSRH8020	IP-SS8080WINDOOR
IP-SS808030	IP-304-808030	800 x 800 x 300	750 x 730	2	IP-SSID8080	IP-SSRH8030	IP-SS8080WINDOOR
IP-SS808040	IP-304-808040	800 x 800 x 400	750 x 730	2	IP-SSID8080	IP-SSRH8040	IP-SS8080WINDOOR
IP-SS1006025	IP-304-1006025	1000 x 600 x 250	950 x 530	2	IP-SSID10060	IP-SSRH6025	IP-SS10060WINDOOR
IP-SS1006030	IP-304-1006030	1000 x 600 x 300	950 x 530	2	IP-SSID10060	IP-SSRH6030	IP-SS10060WINDOOR
IP-SS1008030	IP-304-1008030	1000 x 800 x 300	950 x 730	2	IP-SSID10080	IP-SSRH8030	IP-SS10080WINDOOR
IP-SS1008040	IP-304-1008040	1000 x 800 x 400	950 x 730	2	IP-SSID10080	IP-SSRH8040	IP-SS10080WINDOOR
IP-SS1206030	IP-304-1206030	1200 x 600 x 300	1150 x 530	2	IP-SSID12060	IP-SSRH6030	IP-SS12060WINDOOR
IP-SS1208030	IP-304-1208030	1200 x 800 x 300	1150 x 730	2	IP-SSID12080	IP-SSRH8030	IP-SS12080WINDOOR
IP-SS1208040	IP-304-1208040	1200 x 800 x 400	1150 x 730	2	IP-SSID12080	IP-SSRH8040	IP-SS12080WINDOOR

# Stainless Steel 316/316L (Optional 304) **SS1 SS2**

## SINGLE DOOR, LANDSCAPE ORIENTATION | IP66

Part Number	Optional	Enclosure Size	Device Plate	Locks	Accessories		
Grade 316	Grade 304	H x W x D (mm)	H x W (mm)	Qty	Inner Door	Rain Hood	Transparent Door
IP-SSL304015	IP-304-L304015	300 x 400 x 150	250 x 330	1	IP-SSID3040	IP-SSRH4015	-
IP-SSL304020	IP-304-L304020	300 x 400 x 200	250 x 330	1	IP-SSID3040	IP-SSRH4020	-
IP-SSL406020	IP-304-L406020	400 x 600 x 200	350 x 530	1	IP-SSID4060	IP-SSRH6020	IP-SS4060WINDOOR
IP-SSL406030	IP-304-L406030	400 x 600 x 300	350 x 530	1	IP-SSID4060	IP-SSRH6030	IP-SS4060WINDOOR
IP-SSL608030	IP-304-L608030	600 x 800 x 300	550 x 730	2	IP-SSID6080	IP-SSRH8030	IP-SS6080WINDOOR

## SINGLE DOOR, FLOOR STANDING WITH PEDESTAL | IP66

Part Number	Optional	Enclosure Size	Device Plate	Locks	Accessories		
Grade 316	Grade 304	H x W x D (mm)	H x W (mm)	Qty	Inner Door	Rain Hood	Transparent Door
IP-SS1408040	IP-304-1408040	1400* x 800 x 400	1350 x 730	2	-	IP-SSRH8040	-
IP-SS1608040	IP-304-1608040	1600* x 800 x 400	1550 x 730	2	-	IP-SSRH8040	-
IP-SS20010040	IP-304-20010040	2000* x 1000 x 400	1950 x 930	2	-	IP-SSRH10040	-

\* +100mm base plinth

## DOUBLE DOOR | IP55

Part Number	Optional	Enclosure Size	Device Plate	Lock	Accessories		
Grade 316	Grade 304	H x W x D (mm)	H x W (mm)	Type	Inner Door	Rain Hood	Transparent Door
IP-SSL4010030	IP-304-L4010030	400 x 1000 x 300	350 x 930	3-Point	IP-SSID40100	IP-SSRH10030	-
IP-SSL4010040	IP-304-L4010040	400 x 1000 x 400	350 x 930	3-Point	IP-SSID40100	IP-SSRH10040	-
IP-SSL6010030	IP-304-L6010030	600 x 1000 x 300	550 x 930	3-Point	IP-SSID60100	IP-SSRH10030	-
IP-SSL6010040	IP-304-L6010040	600 x 1000 x 400	550 x 930	3-Point	IP-SSID60100	IP-SSRH10040	-
IP-SSL4012030	IP-304-L4012030	400 x 1200 x 300	350 x 1130	3-Point	-	IP-SSRH12030	-
IP-SSL4012040	IP-304-L4012040	400 x 1200 x 400	350 x 1130	3-Point	-	IP-SSRH12040	-
IP-SSL6012030	IP-304-L6012030	600 x 1200 x 300	550 x 1130	3-Point	-	IP-SSRH12030	-
IP-SSL6012040	IP-304-L6012040	600 x 1200 x 400	550 x 1130	3-Point	-	IP-SSRH12040	-
IP-SS10010030	IP-304-10010030	1000 x 1000 x 300	950 x 930	3-Point	IP-SSID100100	IP-SSRH10030	-
IP-SS10010040	IP-304-10010040	1000 x 1000 x 400	950 x 930	3-Point	IP-SSID100100	IP-SSRH10040	-
IP-SS12010030	IP-304-12010030	1200 x 1000 x 300	1150 x 930	3-Point	IP-SSID120100	IP-SSRH10030	-
IP-SS12010040	IP-304-12010040	1200 x 1000 x 400	1150 x 930	3-Point	IP-SSID120100	IP-SSRH10040	-
IP-SS12012030	IP-304-12012030	1200 x 1200 x 300	1150 x 1130	3-Point	IP-SSID120120	IP-SSRH12030	-
IP-SS12012040	IP-304-12012040	1200 x 1200 x 400	1150 x 1130	3-Point	IP-SSID120120	IP-SSRH12040	-