

# Mounted Electrical Enclosures

## Steel | Powder Coated

S1

SINGLE DOOR | IP66 IK10



The IP Enclosures S1 range of powder coated galvanised steel single door enclosures are designed to house a variety of electrical switch and control equipment. They are suitable for internal and external electrical installations for industrial, infrastructure, commercial and communications applications. All IP Enclosures are built to precision to ensure consistent high quality standards.



# Features & Specifications

# S1

**IP Enclosures S1 range of steel electrical enclosures are suitable for general industrial applications.**

**Protection:** IP66 IK10 (NEMA 4)  
(Independent accredited test laboratory)

**Standards (& Conformities):**

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



**Material:**

- Body: 1.2mm galvanised steel sheet (up to 700x500x250) 1.5mm galvanised steel sheet (800x600x200 and above)
- Gland Plate: 1.5mm galvanised steel sheet
- Door: 1.5mm galvanised steel sheet
- Device Mounting Plate: 1.5mm galvanised steel sheet
- Seal: Polyurethane.

**Body:** The robust monoblock body is fabricated using galvanised steel sheet (1.2mm-1.5mm). 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. A galvanised steel gland plate is incorporated into the bottom face. 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 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. 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:** 5mm double bit insert quarter turn lock with key. A full range of locking options 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.

**Gland Plate:** Gland plates are incorporated into the bottom face of the enclosure for cable management. They are provided with gaskets and fasteners. The size and quantity vary according to enclosure size.

**Surface Treatment:** UL approved AkzoNobel epoxy polyester powder coated with a textured finish. 80-120 micron average thickness. The standard electrical enclosure colour is RAL7035. A full range of other colour options are available upon request.

**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

## Steel | Powder Coated

S2

DOUBLE DOOR | IP55 IK10



The IP Enclosures S2 range of powder coated galvanised steel double door enclosures are designed to house a variety of electrical switch and control equipment. They are suitable for internal and external electrical installations for industrial, infrastructure, commercial and communications applications. All IP Enclosures are built to precision to ensure consistent high quality standards.



## Features & Specifications

# S2

**IP Enclosures S2 range of steel electrical enclosures are suitable for general industrial applications.**

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

**Standards (& Conformities):**

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



**Material:**

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

**Body:** The robust monoblock body is fabricated using 1.5mm galvanised steel sheet. 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. Gland plates are incorporated into the bottom face. Cutting, pressing and full continuous seam welding using precision automated manufacturing equipment ensures accuracy and consistent high quality.

**Double Door:** The robust surface mounted doors are fabricated using 1.5mm galvanised steel sheet and incorporates concealed removable hinges with captive pins. 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 integral 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 enclosure as standard.

**Gland Plate:** Gland plates are incorporated into the bottom face of the enclosure for cable management. They are provided with gaskets and fasteners. The size and quantity vary according to enclosure size.

**Surface Treatment:** UL approved AkzoNobel epoxy polyester powder coated with a textured finish. 80-120 micron average thickness. The standard electrical enclosure colour is RAL7035. A full range of other colour options are available upon request.

**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



# Steel | Powder Coated

# S1

## SINGLE DOOR | IP66 IK10




Part Number	Enclosure Size	Device Plate	Locks	Weight	Accessories			Part Number Suffix			
Standard	H x W x D (mm)	H x W (mm)	Qty	Kg	Inner Door	Rain Hood	Transparent Door	Optional Colours			
IP-302015	300 x 200 x 150	250 x 130	1	4	IP-PSID3020	IP-PSRH2015	-	-T33	-BLK	-X15	-RED
IP-302515	300 x 250 x 150	250 x 180	1	5	-	-	-	-T33	-BLK	-X15	-RED
IP-303015	300 x 300 x 150	250 x 230	1	5	IP-PSID3030	IP-PSRH3015	-	-T33	-BLK	-X15	-RED
IP-303020	300 x 300 x 200	250 x 230	1	6	IP-PSID3030	IP-PSRH3020	-	-	-	-	-
IP-403015	400 x 300 x 150	350 x 230	1	7	IP-PSID4030	IP-PSRH3015	-	-	-BLK	-X15	-RED
IP-403020	400 x 300 x 200	350 x 230	1	8	IP-PSID4030	IP-PSRH3020	-	-T33	-BLK	-X15	-RED
IP-403025	400 x 300 x 250	350 x 230	1	9	-	-	-	-T33	-BLK	-X15	-RED
IP-404020	400 x 400 x 200	350 x 330	1	9	IP-PSID4040	IP-PSRH4020	IP-4040WINDOOR	-T33	-BLK	-X15	-RED
IP-404025	400 x 400 x 250	350 x 330	1	11	-	-	-	-T33	-BLK	-X15	-RED
IP-404030	400 x 400 x 300	350 x 330	1	11	IP-PSID4040	-	IP-4040WINDOOR	-T33	-BLK	-X15	-RED
IP-503015	500 x 300 x 150	450 x 230	1	8	-	IP-PSRH3015	-	-	-	-	-
IP-503020	500 x 300 x 200	450 x 230	1	9	-	IP-PSRH3020	-	-	-	-X15	-RED
IP-504020	500 x 400 x 200	450 x 330	1	11	IP-PSID5040	IP-PSRH4020	-	-	-	-	-
IP-504025	500 x 400 x 250	450 x 330	1	12	IP-PSID5040	-	-	-	-	-	-
IP-505020	500 x 500 x 200	450 x 430	1	13	IP-PSID5050	-	-	-	-	-	-
IP-505025	500 x 500 x 250	450 x 430	1	14	IP-PSID5050	IP-PSRH5025	-	-	-BLK	-X15	-
IP-505030	500 x 500 x 300	450 x 430	1	15	IP-PSID5050	-	-	-T33	-BLK	-X15	-RED
IP-604020	600 x 400 x 200	550 x 330	2	13	IP-PSID6040	IP-PSRH4020	IP-6040WINDOOR	-	-BLK	-X15	-
IP-604025	600 x 400 x 250	550 x 330	2	14	IP-PSID6040	-	IP-6040WINDOOR	-	-	-	-
IP-604030	600 x 400 x 300	550 x 330	2	15	IP-PSID6040	-	IP-6040WINDOOR	-	-BLK	-X15	-RED
IP-606020	600 x 600 x 200	550 x 530	2	18	IP-PSID6060	IP-PSRH6020	IP-6060WINDOOR	-	-BLK	-X15	-RED
IP-606030	600 x 600 x 300	550 x 530	2	20	IP-PSID6060	IP-PSRH6030	IP-6060WINDOOR	-	-BLK	-X15	-
IP-606040	600 x 600 x 400	550 x 530	2	26	IP-PSID6060	-	IP-6060WINDOOR	-	-	-X15	-
IP-705020	700 x 500 x 200	650 x 430	2	22	-	-	-	-	-	-	-
IP-705025	700 x 500 x 250	650 x 430	2	23	-	IP-PSRH5025	-	-	-	-	-
IP-804030	800 x 400 x 300	750 x 330	2	22	-	-	-	-T33	-	-X15	-
IP-806020	800 x 600 x 200	750 x 530	2	26	IP-PSID8060	IP-PSRH6020	-	-	-	-	-
IP-806030	800 x 600 x 300	750 x 530	2	29	IP-PSID8060	IP-PSRH6030	-	-	-	-	-
IP-806040	800 x 600 x 400	750 x 530	2	32	IP-PSID8060	-	-	-T33	-	-X15	-RED
IP-808020	800 x 800 x 200	750 x 730	2	32	IP-PSID8080	IP-PSRH8020	IP-8080WINDOOR	-	-	-	-
IP-808030	800 x 800 x 300	750 x 730	2	34	IP-PSID8080	IP-PSRH8030	IP-8080WINDOOR	-	-	-X15	-RED
IP-808040	800 x 800 x 400	750 x 730	2	40	IP-PSID8080	-	IP-8080WINDOOR	-	-	-X15	-
IP-1008030	1000 x 800 x 300	950 x 730	2	43	-	IP-PSRH8030	-	-	-	-X15	-
IP-1008040	1000 x 800 x 400	950 x 730	2	47	-	-	-	-	-	-	-
IP-1206030	1200 x 600 x 300	1150 x 530	2	40	-	IP-PSRH6030	-	-	-	-	-
IP-1208030	1200 x 800 x 300	1150 x 730	2	51	-	IP-PSRH8030	-	-	-	-	-
IP-1208040	1200 x 800 x 400	1150 x 730	2	55	-	-	-	-	-	-	-

# Steel | Powder Coated


# S1 S2

## SINGLE DOOR, LANDSCAPE ORIENTATION I IP66 IK10



Part Number	Enclosure Size	Device Plate	Locks	Weight	Accessories			Part Number Suffix			
Standard	H x W x D (mm)	H x W (mm)	Qty	Kg	Inner Door	Rain Hood	Transparent Door	Optional Colours			
IP-L304015	300 x 400 x 150	250 x 330	1	7	-	IP-PSRH4015	-	-T33	-BLK	-X15	-RED
IP-L304020	300 x 400 x 200	250 x 330	1	7	-	IP-PSRH4020	-	-	-BLK	-X15	-
IP-L406020	400 x 600 x 200	350 x 530	1	13	-	IP-PSRH6020	-	-	-	-	-
IP-L406030	400 x 600 x 300	350 x 530	1	15	-	IP-PSRH6030	-	-T33	-BLK	-	-RED
IP-L608030	600 x 800 x 300	750 x 730	2	28	-	IP-PSRH8030	-	-T33	-BLK	-X15	-RED

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



Part Number	Enclosure Size	Device Plate	Locks	Weight	Accessories			Part Number Suffix			
Standard	H x W x D (mm)	H x W (mm)	Type	Kg	Inner Door	Rain Hood	Transparent Door	Optional Colours			
IP-1408040	1400 x 800 x 400	1350 x 730	3-Point	104	-	-	-	-T33	-BLK	-X15	-RED
IP-1608040	1600 x 800 x 400	1550 x 730	3-Point	115	-	-	-	-T33	-BLK	-	-RED
IP-20010040	2000 x 1000 x 400	1950 x 930	3-Point	164	-	-	-	-T33	-BLK	-X15	-RED

## DOUBLE DOOR I IP55 IK10



Part Number	Enclosure Size	Device Plate	Locks	Weight	Accessories		Part Number Suffix			
Standard	H x W x D (mm)	H x W (mm)	Type	Kg	Inner Door	Transparent Door	Optional Colours			
IP-L4010030	400 x 1000 x 300	350 x 930	3-Point	26	-	-	-T33	-BLK	-X15	-RED
IP-L4010040	400 x 1000 x 400	350 x 930	3-Point	30	-	-	-T33	-BLK	-X15	-RED
IP-L6010030	600 x 1000 x 300	550 x 930	3-Point	36	-	-	-T33	-BLK	-X15	-RED
IP-L6010040	600 x 1000 x 400	550 x 930	3-Point	40	-	-	-T33	-BLK	-X15	-RED
IP-L4012030	400 x 1200 x 300	350 x 1130	3-Point	31	-	-	-T33	-	-X15	-RED
IP-L4012040	400 x 1200 x 400	350 x 1130	3-Point	35	-	-	-T33	-BLK	-X15	-RED
IP-L6012030	600 x 1200 x 300	550 x 1130	3-Point	42	-	-	-T33	-BLK	-X15	-RED
IP-L6012040	600 x 1200 x 400	550 x 1130	3-Point	46	-	-	-T33	-BLK	-X15	-RED
IP-10010030	1000 x 1000 x 300	950 x 930	3-Point	54	-	-	-T33	-BLK	-X15	-RED
IP-10010040	1000 x 1000 x 400	950 x 930	3-Point	59	-	-	-T33	-BLK	-X15	-RED
IP-12010030	1200 x 1000 x 300	1150 x 930	3-Point	63	-	-	-	-	-	-
IP-12010040	1200 x 1000 x 400	1150 x 930	3-Point	68	-	-	-	-	-	-
IP-12012030	1200 x 1200 x 300	1150 x 1130	3-Point	74	-	-	-	-	-	-
IP-12012040	1200 x 1200 x 400	1150 x 1130	3-Point	78	-	-	-	-	-	-