

Mounted Enclosures

Steel | Powder-Coated

S1

SINGLE DOOR | IP66



The IP Enclosures S1 range of electrical enclosures are powdercoated galvanised steel single door enclosures 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 in Europe to ensure consistent high quality standards.

Features & Specifications

IP Enclosures S Range of steel electrical enclosures are suitable for general industrial applications.

Protection: Complies with IP66. (Independent accredited test laboratory)

Standard: AS/EN/IEC60529, UL508A, NEMA 4



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). Cutting, pressing and full continuous seam welding using precision automated manufacturing equipment to ensure accuracy and consistent high quality. Flat face sealing surfaces are provided to increase seal life. Pre-fitted blind nuts are incorporated to accommodate mounts and accessory fasteners to eliminate drilling and retain IP rating. Integral device plate mounts and M5 earth stud is provided. A galvanised steel gland plate is incorporated into the bottom face.

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 design for a 110° opening. Each door contains integral cable management rail studs, M5 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 Polyurethane seal foamed in place (FIP) provides excellent sealing over a long life.

Lock: A full range of locking solutions are available upon request. Steel enclosures <1000mm high have 3mm double bit insert quarter turn lock with key. Enclosures >1000mm high have 3 point locking system with key-lock swing handle.

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 provided with gaskets and fasteners. The size and quantity vary according to enclosure size. The gland plates are incorporated into the bottom face of the enclosure body, located towards the rear adjacent to the device plate for ease of cable management.

Surface Treatment: UL approved epoxy polyester powder-coated with a textured finish. 80-120 micron average thickness. Colour RAL7035 (Other colours available upon request)



Dimensional Table

S1

Enclosure			Device Plate		Usable Depth (with Device Plate)	Usable Depth (Without Device Plate)	Gland Plate		Locks	Weight	Part Number
H	W	D	H1	W1	D1	D2	LxW	Qty	Qty	(kg)	SKU
300	200	150	250	130	113.6	123.6	110x56	1	1	3.5	IP-302015
300	300	150	250	230	113.6	123.6	110x56	1	1	5.0	IP-303015
300	300	200	250	230	163.6	173.6	214x95	1	1	5.5	IP-303020
400	300	150	350	230	113.6	123.6	110x56	1	1	6.5	IP-403015
400	300	200	350	230	163.6	173.6	214x95	1	1	9.0	IP-403020
400	400	200	350	330	163.6	173.6	214x95	1	1	9.5	IP-404020
500	300	150	450	230	113.6	123.6	110x56	1	1	7.5	IP-503015
500	300	200	450	230	163.6	173.6	214x95	1	1	8.5	IP-503020
500	400	200	450	330	163.6	173.6	214x95	1	1	12.0	IP-504020
500	400	250	450	330	213.6	223.6	214x95	1	1	13.0	IP-504025
500	500	200	450	430	163.6	173.6	364x95	1	1	14.5	IP-505020
500	500	250	450	430	213.6	223.6	364x95	1	1	15.5	IP-505025
600	400	200	550	330	163.6	173.6	214x95	1	1	14.0	IP-604020
600	400	250	550	330	213.6	223.6	214x95	1	1	15.0	IP-604025
600	600	200	550	530	163.6	173.6	364x95	1	1	19.5	IP-606020
600	600	300	550	530	263.6	273.6	364x95	1	1	22.0	IP-606030
700	500	200	650	430	163.6	173.6	364x95	1	2	17.0	IP-705020
700	500	250	650	430	213.6	223.6	364x95	1	2	18.5	IP-705025
800	600	200	750	530	163.6	173.6	364x95	1	2	24.5	IP-806020
800	600	250	750	530	213.6	223.6	364x95	1	2	26.0	IP-806025
800	600	300	750	530	263.6	273.6	364x95	1	2	27.5	IP-806030
800	800	200	750	730	163.6	173.6	214x95	2	2	31.0	IP-808020
800	800	300	750	730	263.6	273.6	214x95	2	2	34.0	IP-808030
800	800	400	750	730	363.6	373.6	214x95	2	2	38.5	IP-808040
1000	600	250	950	530	213.6	223.6	364x95	1	2	31.5	IP-1006025
1000	600	300	950	530	263.6	273.6	364x95	1	2	33.5	IP-1006030
1000	800	300	950	730	263.6	273.6	214x95	2	2	42.0	IP-1008030
1000	800	400	950	730	363.6	373.6	214x95	2	2	46.0	IP-1008040
1200	600	300	1150	530	263.6	273.6	364x95	1	2	39.5	IP-1206030
1200	800	300	1150	730	263.6	273.6	214x95	2	2	49.0	IP-1208030
1200	800	400	1150	730	363.6	373.6	214x95	2	2	54.0	IP-1208040

Mounted Enclosures

Steel | Powder-Coated

S2

DOUBLE DOOR | IP55



The IP Enclosures S2 range of electrical enclosures are powdercoated galvanised steel double door enclosures 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 in Europe to ensure consistent high quality standards.

Features & Specifications

IP Enclosures S Range of steel electrical enclosures are suitable for general industrial applications.

Protection: Complies with IP55. (Independent accredited test laboratory)

Standard: AS/EN/IEC60529, UL508A, NEMA 4  

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. Cutting, pressing and full continuous seam welding using precision automated manufacturing equipment to ensure accuracy and consistent high quality. 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 M5 earth stud is provided. A gland plate is incorporated into the bottom face.

Double Doors: 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 rail studs, M5 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 continuous foamed in place (FIP) Polyurethane seal provides excellent sealing over a long life.

Lock: A full range of locking solutions are available upon request. Standard locks are as follows:

Steel enclosures <1000mm high have 3mm double bit insert quarter turn lock with key.

Enclosures >1000mm high have 3 point locking system with key-lock swing handle.

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 provided with gaskets and fasteners. The size and quantity vary according to enclosure size. The gland plates are incorporated into the bottom face of the enclosure body, located towards the rear adjacent to the device plate for ease of cable management.

Surface Treatment: UL approved epoxy polyester powder-coated with a textured finish. 80-120 micron average thickness. Colour RAL7035 (Other colours available upon request)



Dimensional Table

S2

Enclosure			Device Plate		Usable Depth (with Device Plate)	Usable Depth (Without Device Plate)	Gland Plate		Locks	Weight	Part Number
H	W	D	H1	W1	D1	D2	LxW	Qty	Qty	(kg)	SKU
1000	1000	300	950	930	263.6	273.6	364x95	2	1	51.0	IP-10010030
1000	1000	400	950	930	363.6	373.6	364x95	2	1	56.0	IP-10010040
1200	1000	300	1150	930	263.6	273.6	364x95	2	1	62.0	IP-12010030
1200	1000	400	1150	930	363.6	373.6	364x95	2	1	67.0	IP-12010040
1200	1200	300	1150	1130	263.6	273.6	364x95	2	1	72.0	IP-12012030
1200	1200	400	1150	1130	363.6	373.6	364x95	2	1	77.5	IP-12012040



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S1 & S2

SURFACE TREATMENT SPECIFICATION & COLOUR OPTIONS



Standard Colours. Non-Standard custom colours available upon request



Protection in the toughest conditions™



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