GENERAL CATALOGUE
Electrical Enclosures, Cabinets & Data Racks

2021

IP Enclosures ®

Deep Space Communication Complex
(CDSCC) NASA JPL
Floor Standing Electrical Cabinets
supplied to **NASA**

iP Enclosures ®

World Class Electrical Enclosures

Introduction

IP Enclosures is a leading high-quality Australian brand of electrical enclosures.

We provide wall-mounted electrical enclosures and floor-standing electrical cabinets up to IP66 for low-voltage switchgear and controlgear assemblies. The full range can be provided in powder coated galvanised steel, marine grade aluminium or stainless steel. GRP enclosures are also available. Our enclosures conform to IEC62208 and IEC/EN/AS60529 with protection up to IP66.

A wide range of IP66 19" data racks and roadside infrastructure field cabinets are available to house sensitive data network equipment in harsh environments.

IP69K Hygienic electrical enclosures, pushbutton enclosures and terminal boxes are available for applications within the food, beverage and pharmaceutical industries that require high hygienic standards.

We also specialise in providing custom electrical enclosures to suit individual project requirements.

Accessories including rain hoods, inner doors, locking solutions, lighting and various mounting solutions are available. High quality thermal management products including ventilation fans, filters, heaters, air conditioners and controllers can be provided separately or as an assembly.

Our electrical enclosures and accessories are manufactured to the highest standards using world-class international manufacturing facilities in Europe. We have provided thousands of electrical enclosures throughout Australia and export to Europe, UK, USA, UAE, New Zealand and Asia Pacific regions.

IP Enclosures are available throughout Australia via a network of distributors and wholesalers. We look forward to working with you to meet your electrical enclosure needs.

"IP Enclosures is an internationally registered trademark. Aim for high quality and specify IP Enclosures."

www.ipenclosures.com.au

Steel | Powder Coated

SINGLE DOOR | IP66

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

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

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

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

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. UL listed.

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: Chrome 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 incorporate a seal and are provided with 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. Standard colour: RAL7035 (Other colours available upon request).

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DOUBLE DOOR | IP55

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

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

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

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

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. UL listed.

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 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 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 Plates: Gland plates incorporate seals and are provided with 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. Standard colour: RAL7035 (Other colours available upon request).
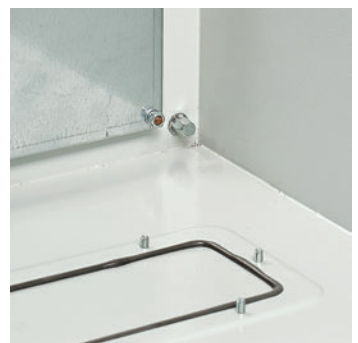
SINGLE DOOR | IP66

Part Number	Enclosure Size	Device Plate	Locks	Accessories			Part Number Suffix
Standard	H x W x D (mm)	H x W (mm)	Qty	Inner Door	Rain Hood	Transparent Door	Optional Colours
IP-302015	300 x 200 x 150	250 x 130	1	IP-PSID3020	IP-PSRH2015	-	-T33 -BLK -OR -RED
IP-302515	300 x 250 x 150	250 x 180	1	-	-	-	-T33 -BLK -OR -RED
IP-303015	300 x 300 x 150	250 x 230	1	IP-PSID3030	IP-PSRH3015	-	-T33 -BLK -OR -RED
IP-303020	300 x 300 x 200	250 x 230	1	IP-PSID3030	IP-PSRH3020	-	-T33 -BLK -OR -RED
IP-403015	400 x 300 x 150	350 x 230	1	IP-PSID4030	IP-PSRH3015	IP-4030WINDOOR	-T33 -BLK -OR -RED
IP-403020	400 x 300 x 200	350 x 230	1	IP-PSID4030	IP-PSRH3020	IP-4030WINDOOR	-T33 -BLK -OR -RED
IP-404020	400 x 400 x 200	350 x 330	1	IP-PSID4040	IP-PSRH4020	IP-4040WINDOOR	-T33 -BLK -OR -RED
IP-404030	400 x 400 x 300	350 x 330	1	IP-PSID4040	-	IP-4040WINDOOR	-T33 -BLK -OR -RED
IP-503015	500 x 300 x 150	450 x 230	1	IP-PSID5030	IP-PSRH3015	IP-5030WINDOOR	-T33 -BLK -OR -RED
IP-503020	500 x 300 x 200	450 x 230	1	IP-PSID5030	IP-PSRH3020	IP-5030WINDOOR	-T33 -BLK -OR -RED
IP-504020	500 x 400 x 200	450 x 330	1	IP-PSID5040	IP-PSRH4020	IP-5040WINDOOR	-T33 -BLK -OR -RED
IP-504025	500 x 400 x 250	450 x 330	1	IP-PSID5040	IP-PSRH4025	IP-5040WINDOOR	-T33 -BLK -OR -RED
IP-505020	500 x 500 x 200	450 x 430	1	IP-PSID5050	IP-PSRH5020	IP-5050WINDOOR	-T33 -BLK -OR -RED
IP-505025	500 x 500 x 250	450 x 430	1	IP-PSID5050	IP-PSRH5025	IP-5050WINDOOR	-T33 -BLK -OR -RED
IP-505030	500 x 500 x 300	450 x 430	1	IP-PSID5050	-	IP-5050WINDOOR	-T33 -BLK -OR -RED
IP-604020	600 x 400 x 200	550 x 330	2	IP-PSID6040	IP-PSRH4020	IP-6040WINDOOR	-T33 -BLK -OR -RED
IP-604025	600 x 400 x 250	550 x 330	2	IP-PSID6040	IP-PSRH4025	IP-6040WINDOOR	-T33 -BLK -OR -RED
IP-604030	600 x 400 x 300	550 x 330	2	IP-PSID6040	-	IP-6040WINDOOR	-T33 -BLK -OR -RED
IP-606020	600 x 600 x 200	550 x 530	2	IP-PSID6060	IP-PSRH6020	IP-6060WINDOOR	-T33 -BLK -OR -RED
IP-606030	600 x 600 x 300	550 x 530	2	IP-PSID6060	IP-PSRH6030	IP-6060WINDOOR	-T33 -BLK -OR -RED
IP-606040	600 x 600 x 400	550 x 530	2	IP-PSID6060	IP-PSRH6040	IP-6060WINDOOR	-T33 -BLK -OR -RED
IP-705020	700 x 500 x 200	650 x 430	2	IP-PSID7050	IP-PSRH5020	IP-7050WINDOOR	-T33 -BLK -OR -RED
IP-705025	700 x 500 x 250	650 x 430	2	IP-PSID7050	IP-PSRH5025	IP-7050WINDOOR	-T33 -BLK -OR -RED
IP-804030	800 x 400 x 300	750 x 330	2	IP-PSID8040	IP-PSRH4030	IP-8040WINDOOR	-T33 -BLK -OR -RED
IP-806020	800 x 600 x 200	750 x 530	2	IP-PSID8060	IP-PSRH6020	IP-8060WINDOOR	-T33 -BLK -OR -RED
IP-806025	800 x 600 x 250	750 x 530	2	IP-PSID8060	IP-PSRH6025	IP-8060WINDOOR	-T33 -BLK -OR -RED
IP-806030	800 x 600 x 300	750 x 530	2	IP-PSID8060	IP-PSRH6030	IP-8060WINDOOR	-T33 -BLK -OR -RED
IP-806040	800 x 600 x 400	750 x 530	2	IP-PSID8060	IP-PSRH6040	IP-8060WINDOOR	-T33 -BLK -OR -RED
IP-808020	800 x 800 x 200	750 x 730	2	IP-PSID8080	IP-PSRH8020	IP-8080WINDOOR	-T33 -BLK -OR -RED
IP-808030	800 x 800 x 300	750 x 730	2	IP-PSID8080	IP-PSRH8030	IP-8080WINDOOR	-T33 -BLK -OR -RED
IP-808040	800 x 800 x 400	750 x 730	2	IP-PSID8080	IP-PSRH8040	IP-8080WINDOOR	-T33 -BLK -OR -RED
IP-1006025	1000 x 600 x 250	950 x 530	2	IP-PSID10060	IP-PSRH6025	IP-10060WINDOOR	-T33 -BLK -OR -RED
IP-1006030	1000 x 600 x 300	950 x 530	2	IP-PSID10060	IP-PSRH6030	IP-10060WINDOOR	-T33 -BLK -OR -RED
IP-1008030	1000 x 800 x 300	950 x 730	2	IP-PSID10080	IP-PSRH8030	IP-10080WINDOOR	-T33 -BLK -OR -RED
IP-1008040	1000 x 800 x 400	950 x 730	2	IP-PSID10080	IP-PSRH8040	IP-10080WINDOOR	-T33 -BLK -OR -RED
IP-1206030	1200 x 600 x 300	1150 x 530	2	IP-PSID12060	IP-PSRH6030	IP-12060WINDOOR	-T33 -BLK -OR -RED
IP-1208030	1200 x 800 x 300	1150 x 730	2	IP-PSID12080	IP-PSRH8030	IP-12080WINDOOR	-T33 -BLK -OR -RED
IP-1208040	1200 x 800 x 400	1150 x 730	2	IP-PSID12080	IP-PSRH8040	IP-12080WINDOOR	-T33 -BLK -OR -RED

Steel | Powder Coated

S1 S2

SINGLE DOOR, LANDSCAPE ORIENTATION | IP66

Part Number	Enclosure Size	Device Plate	Locks	Accessories			Part Number Suffix
Standard	H x W x D (mm)	H x W (mm)	Qty	Inner Door	Rain Hood	Transparent Door	Optional Colours
IP-L304015	300 x 400 x 150	250 x 330	1	IP-PSID3040	IP-PSRH4015	-	-T33 -BLK -OR -RED
IP-L304020	300 x 400 x 200	250 x 330	1	IP-PSID3040	IP-PSRH4020	-	-T33 -BLK -OR -RED
IP-L406020	400 x 600 x 200	350 x 530	1	IP-PSID4060	IP-PSRH6020	IP-4060WINDOOR	-T33 -BLK -OR -RED
IP-L406030	400 x 600 x 300	350 x 530	1	IP-PSID4060	IP-PSRH6030	IP-4060WINDOOR	-T33 -BLK -OR -RED
IP-L608030	600 x 800 x 300	750 x 730	2	IP-PSID6080	IP-PSRH8030	IP-6080WINDOOR	-T33 -BLK -OR -RED

SINGLE DOOR, FLOOR STANDING WITH PEDESTAL | IP66

Part Number	Enclosure Size	Device Plate	Locks	Accessories			Part Number Suffix
Standard	H x W x D (mm)	H x W (mm)	Qty	Inner Door	Rain Hood	Transparent Door	Optional Colours
IP-1408040	1400 x 800 x 400	1350 x 730	2	-	IP-PSRH8040	-	-T33 -BLK -OR -RED
IP-1608040	1600 x 800 x 400	1550 x 730	2	-	IP-PSRH8040	-	-T33 -BLK -OR -RED
IP-20010040	2000 x 1000 x 400	1950 x 930	2	-	IP-PSRH10040	-	-T33 -BLK -OR -RED

* +100mm base plinth

DOUBLE DOOR | IP55

Part Number	Enclosure Size	Device Plate	Lock	Accessories			Part Number Suffix
Standard	H x W x D (mm)	H x W (mm)	Type	Inner Door	Rain Hood	Transparent Door	Optional Colours
IP-L4010030	400 x 1000 x 300	350 x 930	3-Point	IP-PSID40100	IP-PSRH10030	-	-T33 -BLK -OR -RED
IP-L4010040	400 x 1000 x 400	350 x 930	3-Point	IP-PSID40100	IP-PSRH10040	-	-T33 -BLK -OR -RED
IP-L6010030	600 x 1000 x 300	550 x 930	3-Point	IP-PSID60100	IP-PSRH10030	-	-T33 -BLK -OR -RED
IP-L6010040	600 x 1000 x 400	550 x 930	3-Point	IP-PSID60100	IP-PSRH10040	-	-T33 -BLK -OR -RED
IP-L4012030	400 x 1200 x 300	350 x 1130	3-Point	-	IP-PSRH12030	-	-T33 -BLK -OR -RED
IP-L4012040	400 x 1200 x 400	350 x 1130	3-Point	-	IP-PSRH12040	-	-T33 -BLK -OR -RED
IP-L6012030	600 x 1200 x 300	550 x 1130	3-Point	-	IP-PSRH12030	-	-T33 -BLK -OR -RED
IP-L6012040	600 x 1200 x 400	550 x 1130	3-Point	-	IP-PSRH12040	-	-T33 -BLK -OR -RED
IP-10010030	1000 x 1000 x 300	950 x 930	3-Point	IP-PSID100100	IP-PSRH10030	-	-T33 -BLK -OR -RED
IP-10010040	1000 x 1000 x 400	950 x 930	3-Point	IP-PSID100100	IP-PSRH10040	-	-T33 -BLK -OR -RED
IP-12010030	1200 x 1000 x 300	1150 x 930	3-Point	IP-PSID120100	IP-PSRH10030	-	-T33 -BLK -OR -RED
IP-12010040	1200 x 1000 x 400	1150 x 930	3-Point	IP-PSID120100	IP-PSRH10040	-	-T33 -BLK -OR -RED
IP-12012030	1200 x 1200 x 300	1150 x 1130	3-Point	IP-PSID120120	IP-PSRH12030	-	-T33 -BLK -OR -RED
IP-12012040	1200 x 1200 x 400	1150 x 1130	3-Point	IP-PSID120120	IP-PSRH12040	-	-T33 -BLK -OR -RED

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Mounted Electrical Enclosures

Marine Grade Aluminium | Powder Coated

SINGLE DOOR | IP66

The IP Enclosures A1 range of powder coated marine grade aluminium electrical enclosures are designed to house a variety of electrical switch and control equipment in harsh environments that require a high level of corrosion resistance.

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Features & Specifications

IP Enclosures A1 range of marine grade aluminium electrical enclosures are suitable for general industrial applications.

Protection: IP66

Standard: IEC62208, IEC/EN/AS60529, RoHS

Material:
- Body: 1.2mm to 1.5mm marine grade aluminium
- Door: 1.5mm marine grade aluminium
- Device Mounting Plate: 1.5mm galvanised steel sheet
- Seal: Polyurethane

Body: The robust monoblock body is fabricated using marine grade aluminium (1.2mm-1.5mm). Flat face sealing surfaces are provided to increase seal life. Integral device plate mounts, M6 earth studs and welded mounting feet are incorporated. 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 marine grade aluminium and incorporates concealed removable hinges with captive pins. The door is designed for a 110° opening. Each door contains 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: 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.

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

Part Number	Enclosure Size	Device Plate	Locks
Standard	H x W x D (mm)	H x W (mm)	Qty
IP-A302015	300 x 200 x 150	250 x 130	1
IP-A302515	300 x 250 x 150	250 x 180	1
IP-A303015	300 x 300 x 150	250 x 230	1
IP-A303020	300 x 300 x 200	250 x 230	1
IP-A403015	400 x 300 x 150	350 x 230	1
IP-A403020	400 x 300 x 200	350 x 230	1
IP-A404020	400 x 400 x 200	350 x 330	1
IP-A404030	400 x 400 x 300	350 x 330	1
IP-A503015	500 x 300 x 150	450 x 230	1
IP-A503020	500 x 300 x 200	450 x 230	1
IP-A504020	500 x 400 x 200	450 x 330	1
IP-A504025	500 x 400 x 250	450 x 330	1
IP-A505020	500 x 500 x 200	450 x 430	1
IP-A505025	500 x 500 x 250	450 x 430	1
IP-A505030	500 x 500 x 300	450 x 430	1
IP-A604020	600 x 400 x 200	550 x 330	2
IP-A604025	600 x 400 x 250	550 x 330	2
IP-A606020	600 x 600 x 200	550 x 530	2
IP-A606030	600 x 600 x 300	550 x 530	2
IP-A606040	600 x 600 x 400	550 x 530	2
IP-A705020	700 x 500 x 200	650 x 430	2
IP-A804030	800 x 400 x 300	750 x 330	2
IP-A806020	800 x 600 x 200	750 x 530	2
IP-A806030	800 x 600 x 300	750 x 530	2
IP-A808020	800 x 800 x 200	750 x 730	2
IP-A808030	800 x 800 x 300	750 x 730	2

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Mounted Electrical Enclosures
Stainless Steel Grade 316/316L (Optional 304)

SS1

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.

www.ipenclosures.com.au

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.

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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) $C\!\epsilon$

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.

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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

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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	-

Mounted Electrical Enclosures

Steel | Powder Coated

SSR1

SLOPING ROOF | SINGLE DOOR | IP66

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: Complies with IP66 IK10, NEMA 4

Standard: IEC62208, IEC/EN/AS60529, RoHS CE

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

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: 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: 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		Part Number Suffix
Standard	H x W x D (mm)	H x W (mm)	Qty	Inner Door	Transparent Door	Optional Colours
IP-SSR302015	300 x 200 x 150	250 x 130	1	IP-PSID3020	-	-T33 -BLK -OR -RED
IP-SSR303015	300 x 300 x 150	250 x 230	1	IP-PSID3030	-	-T33 -BLK -OR -RED
IP-SSR403020	400 x 300 x 200	350 x 230	1	IP-PSID4030	IP-4030WINDOOR	-T33 -BLK -OR -RED
IP-SSR404020	400 x 400 x 200	350 x 330	1	IP-PSID4040	IP-4040WINDOOR	-T33 -BLK -OR -RED
IP-SSR504020	500 x 400 x 200	450 x 330	1	IP-PSID5040	IP-5040WINDOOR	-T33 -BLK -OR -RED
IP-SSR504025	500 x 400 x 250	450 x 330	1	IP-PSID5040	IP-5040WINDOOR	-T33 -BLK -OR -RED
IP-SSR505025	500 x 500 x 250	450 x 430	1	IP-PSID5050	IP-5050WINDOOR	-T33 -BLK -OR -RED
IP-SSR604025	600 x 400 x 250	550 x 330	2	IP-PSID6040	IP-6040WINDOOR	-T33 -BLK -OR -RED
IP-SSR606030	600 x 600 x 300	550 x 530	2	IP-PSID6060	IP-6060WINDOOR	-T33 -BLK -OR -RED
IP-SSR806030	800 x 600 x 300	750 x 530	2	IP-PSID8060	IP-8060WINDOOR	-T33 -BLK -OR -RED
IP-SSR808030	800 x 800 x 300	750 x 730	2	IP-PSID8080	IP-8080WINDOOR	-T33 -BLK -OR -RED
IP-SSR1007040	1000 x 700 x 400	950 x 630	2	-	-	-T33 -BLK -OR -RED
IP-SSR1008030	1000 x 800 x 300	950 x 730	2	IP-PSID10080	IP-10080WINDOOR	-T33 -BLK -OR -RED

Mounted Electrical Enclosures

Steel | Powder Coated

SSR1-HD

SLOPING ROOF | SINGLE DOOR | HEAVY DUTY | IP66

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

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SSR1-HD

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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: Complies with IP66 IK10, NEMA 4

Standard: IEC62208, IEC/EN/AS60529, RoHS

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. UL listed.

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: 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.

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	-RED
IP-SSR303015-HD	IP-SSR303015-HD-SUN	300 x 300 x 150	250 x 230	1	IP-PSID3030	-BLU	-OR	-RED
IP-SSR403020-HD	IP-SSR403020-HD-SUN	400 x 300 x 200	350 x 230	1	IP-PSID4030	-BLU	-OR	-RED
IP-SSR404020-HD	IP-SSR404020-HD-SUN	400 x 400 x 200	350 x 330	1	IP-PSID4040	-BLU	-OR	-RED
IP-SSR504020-HD	IP-SSR504020-HD-SUN	500 x 400 x 200	450 x 330	1	IP-PSID5040	-BLU	-OR	-RED
IP-SSR504025-HD	IP-SSR504025-HD-SUN	500 x 400 x 250	450 x 330	1	IP-PSID5040	-BLU	-OR	-RED
IP-SSR505025-HD	IP-SSR505025-HD-SUN	500 x 500 x 250	450 x 430	1	IP-PSID5050	-BLU	-OR	-RED
IP-SSR604025-HD	IP-SSR604025-HD-SUN	600 x 400 x 250	550 x 330	2	IP-PSID6040	-BLU	-OR	-RED
IP-SSR606030-HD	IP-SSR606030-HD-SUN	600 x 600 x 300	550 x 530	2	IP-PSID6060	-BLU	-OR	-RED
IP-SSR806030-HD	IP-SSR806030-HD-SUN	800 x 600 x 300	750 x 530	2	IP-PSID8060	-BLU	-OR	-RED
IP-SSR808030-HD	IP-SSR808030-HD-SUN	800 x 800 x 300	750 x 730	2	IP-PSID8080	-BLU	-OR	-RED
IP-SSR1007040-HD	IP-SSR1007040-HD-SUN	1000 x 700 x 400	950 x 630	2	-	-BLU	-OR	-RED
IP-SSR1008030-HD	IP-SSR1008030-HD-SUN	1000 x 800 x 300	950 x 730	2	IP-PSID10080	-BLU	-OR	-RED

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Mounted Electrical Enclosures   SSR1-SUN
Steel | Powder Coated | Sun Shields

SLOPING ROOF | SINGLE DOOR | IP66 | 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: Complies with IP66 IK10, NEMA 4

Standard: IEC62208, IEC/EN/AS60529, RoHS CE

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. UL listed.

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		Part Number Suffix
Standard	H x W x D (mm)	H x W (mm)	Qty	Inner Door	Transparent Door	Optional Colours
IP-SSR302015SUN	300 x 200 x 150	250 x 130	1	IP-PSID3020	-	-T33 -BLK -OR -RED
IP-SSR303015SUN	300 x 300 x 150	250 x 230	1	IP-PSID3030	-	-T33 -BLK -OR -RED
IP-SSR403020SUN	400 x 300 x 200	350 x 230	1	IP-PSID4030	IP-4030WINDOOR	-T33 -BLK -OR -RED
IP-SSR404020SUN	400 x 400 x 200	350 x 330	1	IP-PSID4040	IP-4040WINDOOR	-T33 -BLK -OR -RED
IP-SSR504020SUN	500 x 400 x 200	450 x 330	1	IP-PSID5040	IP-5040WINDOOR	-T33 -BLK -OR -RED
IP-SSR504025SUN	500 x 400 x 250	450 x 330	1	IP-PSID5040	IP-5040WINDOOR	-T33 -BLK -OR -RED
IP-SSR505025SUN	500 x 500 x 250	450 x 430	1	IP-PSID5050	IP-5050WINDOOR	-T33 -BLK -OR -RED
IP-SSR604025SUN	600 x 400 x 250	550 x 330	2	IP-PSID6040	IP-6040WINDOOR	-T33 -BLK -OR -RED
IP-SSR606030SUN	600 x 600 x 300	550 x 530	2	IP-PSID6060	IP-6060WINDOOR	-T33 -BLK -OR -RED
IP-SSR806030SUN	800 x 600 x 300	750 x 530	2	IP-PSID8060	IP-8060WINDOOR	-T33 -BLK -OR -RED
IP-SSR808030SUN	800 x 800 x 300	750 x 730	2	IP-PSID8080	IP-8080WINDOOR	-T33 -BLK -OR -RED
IP-SSR1007040SUN	1000 x 700 x 400	950 x 630	2	-	-	-T33 -BLK -OR -RED
IP-SSR1008030SUN	1000 x 800 x 300	950 x 730	2	IP-PSID10080	IP-10080WINDOOR	-T33 -BLK -OR -RED

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Mounted Electrical Enclosures
Stainless Steel Grade 316/316L

SSSR1

SLOPING ROOF | SINGLE DOOR | IP66

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: Complies with IP66 IK10, NEMA 4x

Standard: IEC62208, IEC/EN/AS60529, RoHS CE

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. UL listed.

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-SS4030WINDOOR
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-SS5040WINDOOR
IP-SSSR504025	500 x 400 x 250	450 x 330	1	IP-SSID5040	IP-SS5040WINDOOR
IP-SSSR505025	500 x 500 x 250	450 x 430	1	IP-SSID5050	IP-SS5050WINDOOR
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-SS8060WINDOOR
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	IP-SS10080WINDOOR

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Mounted Electrical Enclosures   SSSR1-HD
Stainless Steel Grade 316/316L

SLOPING ROOF | SINGLE DOOR | HEAVY DUTY | IP66

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

SSSR1-HD

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: Complies with IP66 IK10, NEMA 4x

Standard: IEC62208, IEC/EN/AS60529, RoHS CE

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. UL listed.

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 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-SS4030WINDOOR
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-SS5040WINDOOR
IP-SSSR504025-HD	500 x 400 x 250	450 x 330	1	IP-SSID5040	IP-SS5040WINDOOR
IP-SSSR505025-HD	500 x 500 x 250	450 x 430	1	IP-SSID5050	IP-SS5050WINDOOR
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-SS8060WINDOOR
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-SS10080WINDOOR

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GLAZED | IP66

Transparent Doors can be easily fitted to our range of electrical enclosures. Transparent Doors are provided as a standard accessory. Simply remove the standard door and replace with a transparent door.

WINDOOR™

IP Enclosures provide a range of transparent glazed Windoors™ that can be easily fitted to our range of electrical enclosures. Transparent doors are provided as a standard accessory. Simply remove the existing door and replace with a transparent door.

Features and Specifications
Protection: Complies with IP66
Standard: IEC/EN/AS60529, RoHS

STEEL RANGE
– Enclosure Door: 1.5mm galvanised steel sheet
– Enclosure Seal: Polyurethane
– Windows: 4mm transparent tempered glass
Door: Fabricated from 1.5mm galvanised steel sheet incorporating concealed removable hinges with captive pins. Provided with recessed windows manufactured from 4mm transparent tempered glass with seal. Powder coated 80-120 micron.
Seal: Machine applied Polyurethane foamed in place (FIP).
Lock: Chrome 5mm double bit quarter turn lock.

STAINLESS STEEL RANGE
– Enclosure Door: 1.5mm Grade 316/316L Stainless Steel
– Enclosure Seal: Polyurethane
– Windows: 4mm transparent tempered glass
Door: Fabricated from 1.5mm Grade 316/316L Stainless Steel incorporating concealed removable hinges with captive pins. Provided with recessed windows manufactured from 4mm transparent tempered glass with seal.
Seal: Machine applied Polyurethane foamed in place (FIP).
Lock: 316ss 8mm square drive quarter turn lock.

STEEL

Size	Accessories	Part Number Suffix			
H x W (mm)	Transparent Door	Optional Colours			
400 x 400	IP-4040WINDOOR	-BLK	-OR	-RED	-RED
400 x 600	IP-4060WINDOOR	-BLK	-OR	-RED	-RED
500 x 300	IP-5030WINDOOR	-BLK	-OR	-RED	-RED
500 x 400	IP-5040WINDOOR	-BLK	-OR	-RED	-RED
500 x 500	IP-5050WINDOOR	-BLK	-OR	-RED	-RED
600 x 400	IP-6040WINDOOR	-BLK	-OR	-RED	-RED
600 x 600	IP-6060WINDOOR	-BLK	-OR	-RED	-RED
700 x 500	IP-7050WINDOOR	-BLK	-OR	-RED	-RED
800 x 400	IP-8040WINDOOR	-BLK	-OR	-RED	-RED
800 x 600	IP-8060WINDOOR	-BLK	-OR	-RED	-RED
800 x 800	IP-8080WINDOOR	-BLK	-OR	-RED	-RED
1000 x 600	IP-10060WINDOOR	-BLK	-OR	-RED	-RED
1000 x 800	IP-10080WINDOOR	-BLK	-OR	-RED	-RED
1200 x 600	IP-12060WINDOOR	-BLK	-OR	-RED	-RED
1200 x 800	IP-12080WINDOOR	-BLK	-OR	-RED	-RED

316 STAINLESS STEEL

Size	Part Number
H x W (mm)	Transparent Door
400 x 400	IP-SS4040WINDOOR
400 x 600	IP-SS4060WINDOOR
500 x 300	IP-SS5030WINDOOR
500 x 400	IP-SS5040WINDOOR
500 x 500	IP-SS5050WINDOOR
600 x 400	IP-SS6040WINDOOR
600 x 600	IP-SS6060WINDOOR
700 x 500	IP-SS7050WINDOOR
800 x 400	IP-SS8040WINDOOR
800 x 600	IP-SS8060WINDOOR
800 x 800	IP-SS8080WINDOOR
1000 x 600	IP-SS10060WINDOOR
1000 x 800	IP-SS10080WINDOOR
1200 x 600	IP-SS12060WINDOOR
1200 x 800	IP-SS12080WINDOOR

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IP Enclosures inner door escutcheons are designed and manufactured to easily fit into any IP Enclosures wall mounted electrical enclosure without drilling. Inner doors are tool lockable.

Inner door escutcheons enable operators to access control equipment while maintaining separation of hazardous voltage equipment. Inner door kits can be fitted to all IP Enclosures wall mounted electrical enclosures without drilling.

STEEL RANGE
Material: 1.2-1.5mm galvanised steel sheet
**Lock:** Chrome 5mm double bit insert quarter turn lock.
Surface Treatment: UL approved epoxy polyester powder coated with a textured finish. 80-120 micron average thickness. Standard colour: RAL7035. Other colour options are available. Refer to table.

STAINLESS STEEL RANGE
Material: 1.2-1.5mm Grade 316/316L Stainless Steel.
Lock: 316 Stainless Steel 8mm square drive quarter turn lock.

STEEL
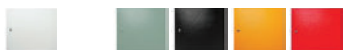
Size	Accessories	Part Number Suffix			
H x W (mm)	Inner Door	Optional Colours			
300 x 200	IP-PSID3020	-T33	-BLK	-OR	-RED
300 x 300	IP-PSID3030	-T33	-BLK	-OR	-RED
300 x 400	IP-PSID3040	-T33	-BLK	-OR	-RED
400 x 300	IP-PSID4030	-T33	-BLK	-OR	-RED
400 x 400	IP-PSID4040	-T33	-BLK	-OR	-RED
400 x 600	IP-PSID4060	-T33	-BLK	-OR	-RED
500 x 300	IP-PSID5030	-T33	-BLK	-OR	-RED
500 x 400	IP-PSID5040	-T33	-BLK	-OR	-RED
500 x 500	IP-PSID5050	-T33	-BLK	-OR	-RED
600 x 400	IP-PSID6040	-T33	-BLK	-OR	-RED
600 x 600	IP-PSID6060	-T33	-BLK	-OR	-RED
600 x 800	IP-PSID6080	-T33	-BLK	-OR	-RED
700 x 500	IP-PSID7050	-T33	-BLK	-OR	-RED
800 x 400	IP-PSID8040	-T33	-BLK	-OR	-RED
800 x 600	IP-PSID8060	-T33	-BLK	-OR	-RED
800 x 800	IP-PSID8080	-T33	-BLK	-OR	-RED
1000 x 600	IP-PSID10060	-T33	-BLK	-OR	-RED
1000 x 800	IP-PSID10080	-T33	-BLK	-OR	-RED
1200 x 600	IP-PSID12060	-T33	-BLK	-OR	-RED
1200 x 800	IP-PSID12080	-T33	-BLK	-OR	-RED
400 x 1000	IP-PSID40100	-T33	-BLK	-OR	-RED
600 x 1000	IP-PSID60100	-T33	-BLK	-OR	-RED
1000 x 1000	IP-PSID100100	-T33	-BLK	-OR	-RED
1200 x 1000	IP-PSID120100	-T33	-BLK	-OR	-RED
1200 x 1200	IP-PSID120120	-T33	-BLK	-OR	-RED

STAINLESS STEEL

Size	Accessories
H x W (mm)	Inner Door
300 x 200	IP-SSID3020
300 x 300	IP-SSID3030
300 x 400	IP-SSID3040
400 x 300	IP-SSID4030
400 x 400	IP-SSID4040
400 x 600	IP-SSID4060
500 x 300	IP-SSID5030
500 x 400	IP-SSID5040
500 x 500	IP-SSID5050
600 x 400	IP-SSID6040
600 x 600	IP-SSID6060
600 x 800	IP-SSID6080
700 x 500	IP-SSID7050
800 x 400	IP-SSID8040
800 x 600	IP-SSID8060
800 x 800	IP-SSID8080
1000 x 600	IP-SSID10060
1000 x 800	IP-SSID10080
1200 x 600	IP-SSID12060
1200 x 800	IP-SSID12080
400 x 1000	IP-SSID40100
600 x 1000	IP-SSID60100
1000 x 1000	IP-SSID100100
1200 x 1000	IP-SSID120100
1200 x 1200	IP-SSID120120

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Distribution Board Kits | Wall Mounted

IP Enclosures distribution board Kits are designed to be easily fitted without drilling. The separate internal chassis frame can be fitted with components and wired prior to assembly into the enclosure. The removable escutcheon plates provide protection to the full perimeter of the enclosure.

The IP Enclosures distribution board kits are designed to be easily fitted to IP Enclosures electrical enclosures without drilling. They can be fitted into steel and stainless steel enclosures.

Distribution board kits are suitable for steel and stainless steel enclosures. The separate internal chassis frame can be fitted with components and wired prior to assembly into the enclosure without drilling. Removable escutcheon plates provide protection to the perimeter of the enclosure.

Chassis Material: Galv Sheet Steel

Escutcheon Plates: UL approved 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.

Slotted Din Rail Material: Electrogalvanised Steel 7.5x35 RoHS Compliant. High quality DIN Rail manufactured from electrogalvanised steel for increased corrosion resistance. Standard 35mm wide symmetrical TS35 DIN Rail compatible with EN50022 and DIN46277-3.
 - Material: Steel
 - Plating: ALKALI ZINC Cr+3 TOP COAT (10-12 Microns)
 - Standards: DIN5022, DIN5033, EN60715. RoHS Compliant.
 - Dimensions: 7.5 mm deep x 35 mm wide.
 - Colour: Silver
 - Type: TS35 Slotted

Part Number	Size	Configuration
SKU	**Pole, H x W (mm)**	**Qty Row x Qty**
IP-DB12	12 Pole to suit 300H x 400W Enclosure	1 row of 12
IP-DB24	24 Pole to suit 400H x 400W Enclosure	2 rows of 12
IP-DB36	36 Pole to suit 600H x 400W Enclosure	3 rows of 12
IP-DB48	48 Pole to suit 400H x 600W Enclosure	2 rows of 24
IP-DB72	72 Pole to suit 600H x 600W Enclosure	3 rows of 24
IP-DB96	96 Pole to suit 800H x 600W Enclosure	4 rows of 24
IP-DB144	144 Pole to suit 1000H x 600W Enclosure	6 rows of 24

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IP Enclosures provide a range of standard rain hoods for steel and stainless steel electrical enclosures to prevent settling and building up of liquids, corrosive solids, minerals, dust, dirt and debris on top of the enclosure.

IP Enclosures provide a range of standard rain hoods for steel and stainless steel electrical enclosures. All IP Enclosures wall mounted electrical enclosures are manufactured with nutserts to accommodate rain hoods without drilling.

Rain hoods are used to prevent settling and building up of liquids, corrosive solids, minerals, dust, dirt and debris on top of an electrical enclosure. If corrosive liquids and solids settle and build up on top of an enclosure, the integrity of the coating and material may be compromised which may lead to corrosion and ingress of liquids and solids into the enclosure. Without maintenance, this may compromise internal electrical components and could increase risk of electric shock.

IP Enclosures rain hoods are easily fitted onto IP Enclosures electrical enclosures. All IP Enclosures electrical enclosures are manufactured with nutserts to accommodate optional rain hoods without drilling to ensure that the IP rating is maintained. Rain hoods are provided with fasteners.

STEEL RANGE
Material: 1.5mm galvanised steel sheet
Surface Treatment: UL approved epoxy polyester powder coated with a textured finish. 80-120 micron average thickness. Standard colour: RAL7035.

STAINLESS STEEL RANGE
Material: 1.2-1.5mm Grade 316/316L Stainless Steel.

STEEL
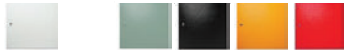
Size	Part Number	Part Number Suffix			
W x D (mm)	**Rain Hood**	**Optional Colours**			
200 x 150	IP-PSRH2015	-T33	-BLK	-OR	-RED
300 x 150	IP-PSRH3015	-T33	-BLK	-OR	-RED
300 x 200	IP-PSRH3020	-T33	-BLK	-OR	-RED
400 x 150	IP-PSRH4015	-T33	-BLK	-OR	-RED
400 x 200	IP-PSRH4020	-T33	-BLK	-OR	-RED
400 x 250	IP-PSRH4025	-T33	-BLK	-OR	-RED
500 x 200	IP-PSRH5020	-T33	-BLK	-OR	-RED
500 x 250	IP-PSRH5025	-T33	-BLK	-OR	-RED
600 x 200	IP-PSRH6020	-T33	-BLK	-OR	-RED
600 x 250	IP-PSRH6025	-T33	-BLK	-OR	-RED
600 x 300	IP-PSRH6030	-T33	-BLK	-OR	-RED
800 x 200	IP-PSRH8020	-T33	-BLK	-OR	-RED
800 x 300	IP-PSRH8030	-T33	-BLK	-OR	-RED
800 x 400	IP-PSRH8040	-T33	-BLK	-OR	-RED
1000 x 300	IP-PSRH10030	-T33	-BLK	-OR	-RED
1000 x 400	IP-PSRH10040	-T33	-BLK	-OR	-RED
1200 x 300	IP-PSRH12030	-T33	-BLK	-OR	-RED
1200 x 400	IP-PSRH12040	-T33	-BLK	-OR	-RED

STAINLESS STEEL

Size	Part Number
W x D (mm)	**Rain Hood**
200 x 150	IP-SSRH2015
300 x 150	IP-SSRH3015
300 x 200	IP-SSRH3020
400 x 150	IP-SSRH4015
400 x 200	IP-SSRH4020
400 x 250	IP-SSRH4025
500 x 200	IP-SSRH5020
500 x 250	IP-SSRH5025
600 x 200	IP-SSRH6020
600 x 250	IP-SSRH6025
600 x 300	IP-SSRH6030
800 x 200	IP-SSRH8020
800 x 300	IP-SSRH8030
800 x 400	IP-SSRH8040
1000 x 300	IP-SSRH10030
1000 x 400	IP-SSRH10040
1200 x 300	IP-SSRH12030
1200 x 400	IP-SSRH12040

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IP Enclosures provide a range of adjustable component shelf kits for wall mounted electrical enclosures.

COMPONENT SHELF (Height Adjustable)

Shelf systems have many uses and can be used for component storage, separation and battery storage. Fixed shelves are pressed to provide strength and are provided with vertical rails and fasteners for ease of installation. Multiple shelves can be fitted into each cabinet and shelves can be fully adjusted to the correct positions.

Material: 1.2 to 1.5 mm galvanised steel sheet

Maximum Load: 75kg

Part Number	Size
SKU	H x W x D (mm)
IP-SHL6030	600 H x 600 W x 300 D
IP-SHL6040	600H x 600 W x 400 D
IP-SHL8030	800H x 800 W x 300 D
IP-SHL8040	800H x 800 W x 400 D
IP-SHL10030	1000H x 1000 W x 300 D
IP-SHL10040	1000H x 1000 W x 400 D
IP-SHL12030	1200H x 1200 W x 300 D
IP-SHL12040	1200H x 1200 W x 400 D

Accessories
Mounting Brackets & Stands

IP Enclosures provide a range of electrical enclosure mounting solutions including pole mounting brackets.

WALL MOUNT BRACKETS (Set of 4)

Part Number	Description
IP-WMBKIT	Wall Mount Bracket Kit (4 Brackets including fasteners)
IP-SSWMBKIT	Stainless Steel Wall Mount Bracket Kit (4 Brackets including fasteners)

U-CHANNEL PROFILES
Steel

Part Number	Length (mm)
IP-PMP200	200
IP-PMP300	300
IP-PMP400	400
IP-PMP500	500
IP-PMP600	600
IP-PMP1200	1200

Stainless Steel

Part Number	Length (mm)
IP-SSPMP200	200
IP-SSPMP300	300
IP-SSPMP400	400
IP-SSPMP500	500
IP-SSPMP600	600
IP-SSPMP1200	1200

POLE MOUNT BRACKETS (To suit large variable diameter poles)

Part Number	Description
IP-PMB	Pole Mount Bracket
IP-SSPMB	Stainless Steel Pole Mount Bracket
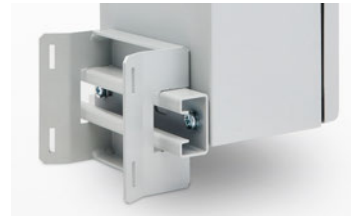
POLE MOUNT CLAMPS
Steel

Part Number	Size (mm OD)
IP-PMC60	60mm OD
IP-PMC89	89mm OD
IP-PMC114	114mm OD

Stainless Steel

Part Number	Size (mm OD)
IP-SSPMC60	60mm OD
IP-SSPMC89	89mm OD
IP-SSPMC114	114mm OD
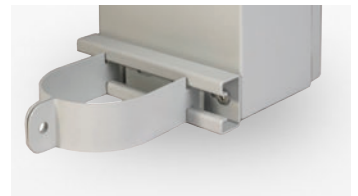
STANDS (Set of 4)
Steel

Part Number	Height (mm)
IP-STN250	250
IP-STN450	450
IP-STN650	650
IP-STN850	850

Stainless Steel

Part Number	Height (mm)
IP-SSSTN250	250
IP-SSSTN450	450
IP-SSSTN650	650
IP-SSSTN850	850

PLINTHS (100mm High)
Steel   Stainless Steel

Part Number	W x D (mm)	Suffix			Part Number	W x D (mm)
IP-PLINTH6030	600W x 300D	-T33	-BLK	-OR	IP-SSPLINTH6030	600W x 300D
IP-PLINTH6040	600W x 400D	-T33	-BLK	-OR	IP-SSPLINTH6040	600W x 400D
IP-PLINTH8030	800W x 300D	-T33	-BLK	-OR	IP-SSPLINTH8030	800W x 300D
IP-PLINTH8040	800W x 400D	-T33	-BLK	-OR	IP-SSPLINTH8040	800W x 400D
IP-PLINTH10030	1000W x 300D	-T33	-BLK	-OR	IP-SSPLINTH10030	1000W x 300D
IP-PLINTH10040	1000W x 400D	-T33	-BLK	-OR	IP-SSPLINTH10040	1000W x 400D
IP-PLINTH12030	1200W x 300D	-T33	-BLK	-OR	IP-SSPLINTH12030	1200W x 300D
IP-PLINTH12040	1200W x 400D	-T33	-BLK	-OR	IP-SSPLINTH12040	1200W x 400D

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Accessories
Gland Plates | Brass & Aluminium

IP Enclosures provide a range of electrical enclosure gland plates. These gland plates are to designed to replace existing standard gland plates with brass gland plates or aluminium gland plates to meet specification requirements.

Features & Specifications

IP Enclosures Gland Plates are available in various thicknesses including 3mm and 5mm. Simply remove the standard gland plate and replace it with the optional brass or aluminium gland plate. Gland plates are provided with a polyurethane seal, similar to standard gland plates, to ensure integrity of the electrical enclosure IP rating is maintained.

Material:
- Gland Plate: 3mm to 5mm Brass and Aluminium
- Seal: UL listed Polyurethane seal foamed in place.
    Temperature resistance -40°C to 80°C (160°C short term loading)

BRASS

Part Number SKU	Non-Ventilated
IP-GPB3-1	110 x 56 x 3mm Brass Gland Plate
IP-GPB3-2	214 x 95 x 3mm Brass Gland Plate
IP-GPB3-3	364 x 95 x 3mm Brass Gland Plate

ALUMINIUM

Part Number SKU	Non-Ventilated
IP-GPA3-1	110 x 56 x 3mm Aluminium Gland Plate
IP-GPA3-2	214 x 95 x 3mm Aluminium Gland Plate
IP-GPA3-3	364 x 95 x 3mm Aluminium Gland Plate
IP-GPA5-1	110 x 56 x 5mm Aluminium Gland Plate
IP-GPA5-2	214 x 95 x 5mm Aluminium Gland Plate
IP-GPA5-3	364 x 95 x 5mm Aluminium Gland Plate

SIZE SELECTION TABLE

Enclosure Size H x W (mm)	Gland Plate Size W x D (mm)	Quantity	3mm Brass	3mm Aluminium	5mm Aluminium
200 x 150	110 x 56	1	IP-GPB3-1	IP-GPA3-1	IP-GPA5-1
250 x 150	110 x 56	1	IP-GPB3-1	IP-GPA3-1	IP-GPA5-1
300 x 150	110 x 56	1	IP-GPB3-1	IP-GPA3-1	IP-GPA5-1
300 x 200	214 x 95	1	IP-GPB3-2	IP-GPA3-2	IP-GPA5-2
400 x 200	214 x 95	1	IP-GPB3-2	IP-GPA3-2	IP-GPA5-2
400 x 250	214 x 95	1	IP-GPB3-2	IP-GPA3-2	IP-GPA5-2
500 x 200	364 x 95	1	IP-GPB3-3	IP-GPA3-3	IP-GPA5-3
600 x 200	364 x 95	1	IP-GPB3-3	IP-GPA3-3	IP-GPA5-3
600 x 300	364 x 95	1	IP-GPB3-3	IP-GPA3-3	IP-GPA5-3
600 x 400	364 x 95	1	IP-GPB3-3	IP-GPA3-3	IP-GPA5-3
800 x 200	214 x 95	2	IP-GPB3-2	IP-GPA3-2	IP-GPA5-2
800 x 300	214 x 95	2	IP-GPB3-2	IP-GPA3-2	IP-GPA5-2
800 x 400	214 x 95	2	IP-GPB3-2	IP-GPA3-2	IP-GPA5-2
1000 x 300	364 x 95	2	IP-GPB3-3	IP-GPA3-3	IP-GPA5-3
1000 x 400	364 x 95	2	IP-GPB3-3	IP-GPA3-3	IP-GPA5-3
1200 x 300	364 x 95	2	IP-GPB3-3	IP-GPA3-3	IP-GPA5-3
1200 x 400	364 x 95	2	IP-GPB3-3	IP-GPA3-3	IP-GPA5-3

Accessories
Earth Kits, 19" Rails, Plan Pockets, DIN Rail

IP Enclosures provide a wide range of accessories including wiring plan pockets. This includes self-adhesive polycarbonate, steel and stainless steel wiring plan pockets.

Accessories

Earthing Kits
Standard earthing kits are available. Earthing kits consist of:
 - Earth wire with ring connection
 - 2 x M6 Nuts (to suit electrical enclosure earth connection points)
 - Earth sticker labels and instruction diagram

Part Number	Description
IP-EK01	Standard Earthing Kit

19" Data Rack Rail Kits
Convert a standard 600mm wide electrical enclosure into an IP66 19″ Data Rack using our 19″ Data Rack Kits. Simply fit and tighten nuts.
Material: Grade 316 Stainless Steel

Part Number	Description
IP-SS19R600	19" 11RU to suit 600 H x 600 W Electrical Enclosure
IP-SS19R800	19" 16RU to suit 800 H x 600 W Electrical Enclosure

Wiring Plan Pockets
A4 wiring plan pockets are available in polycarbonate, steel and 316ss.

Part Number	Description
IP-PCPPA4	A4 wiring plan pocket, Polycarbonate
IP-PSPPA4	A4 wiring plan pocket, Powdercoated Steel
IP-SSPPA4	A4 wiring plan pocket, 316 Stainless Steel

Door Struts
Door Struts can be provided separately or fitted to custom enclosures.

Part Number	Description
IP-STRUT1	Door Strut

Slotted Din Rail 7.5 x 35 x 2m RoHS Compliant
High quality DIN Rail manufactured from electrogalvanised steel for increased corrosion resistance. RoHS-compliant (Restriction of Hazardous Substances) silver-coloured plating. 35mm wide symmetrical TS35 DIN Rail compatible with EN50022 and DIN46277-3.
Plating: ALKALI ZINC Cr+3 TOP COAT (10-12 Microns)
Standards: DIN5022, DIN5033, EN60715. RoHS Compliant.
Dimensions: 7.5 mm deep x 35 mm wide x 2000mm long
Colour: Silver
Type: TS35 Slotted

Part Number	Description
IP-DINRAIL7.5X35-130	DIN RAIL x 130mm (Pack of 10)
IP-DINRAIL7.5X35-230	DIN RAIL x 230mm (Pack of 10)
IP-DINRAIL7.5X35-330	DIN RAIL x 330mm (Pack of 10)
IP-DINRAIL7.5X35-430	DIN RAIL x 430mm (Pack of 10)
IP-DINRAIL7.5X35-530	DIN RAIL x 530mm (Pack of 10)
IP-DINRAIL7.5X35	DIN RAIL x 2000mm (Pack of 10)

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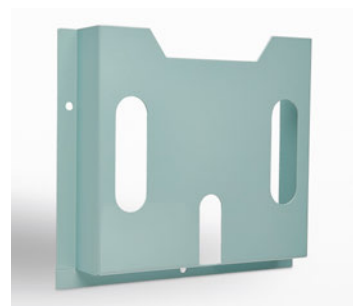
Floor Standing Electrical Cabinets
Steel | Powder Coated

MF1S

SINGLE DOOR | IP55

IP Enclosures MF1S range of powder coated galvanised steel floor standing electrical cabinets for low voltage switchgear and controlgear assemblies are suitable for general industrial applications. All IP Enclosures are built to precision to ensure high quality standards.

Features & Specifications

IP Enclosures MF1S range of powder coated galvanised steel floor standing electrical cabinets for low voltage switchgear and controlgear assemblies are suitable for general industrial applications.

Protection: Complies with IP55
(Independent accredited test laboratory)

Standard: IEC62208, AS/EN/IEC60529, RoHS CE
(IEC/EN/AS61439 Compliant)

Material:
- Main Frame: 2.0mm Galvanised Steel W Profile System
- Side, Rear & Roof Panels: 1.2mm Powder Coated Galvanised Steel Sheet
- Front Door: 2.0mm Powder Coated Galvanised Steel Sheet
- Mounting Plates: 1.5mm - 2.0mm Galvanised Steel Sheet
- Seal: EPDM

Main Frame: The robust modular main structure is fabricated using 2.0mm galvanised steel sheet W Profile system with 20mm hole pattern.

Door: The robust door is fabricated using 2.0mm powder coated galvanised steel sheet and incorporates four concealed reversible hinges. The door is designed for a 135° opening. Each door contains earth studs and an A4 document pocket.

Side, Rear and Roof Panels: Removable panels are fabricated using 1.2mm powder coated galvanised steel sheet.

Base: Base is 100mm

Door Seal: High quality EPDM replaceable door seal.

Lock: 4 point locking system with key-lock swing handle.

Device Mounting Plate: The device mounting plate is fabricated using 1.5-2.0mm mm galvanised steel sheet, pressed to provide additional strength.

Earthing: All panels are earthed to provide earthing continuity.

Surface Treatment: UL approved epoxy polyester powder coated with a textured finish. 80-120 micron average thickness.
- Standard Colour: RAL7035
- Colour of Base: RAL9005
 (Other colours available upon request).

Accessories and Baying Kits: A full range of accessories are available including baying kits. Contact us for more information.

IP-MFSBAYKIT - Baying Kit to suit Freestanding Cabinets

www.ipenclosures.com.au

Floor Standing Electrical Cabinets

Stainless Steel Grade 316/316L

MF1SS

SINGLE DOOR | IP55

IP Enclosures MF1SS range of grade 316 stainless steel floor standing electrical cabinets for low voltage switchgear and controlgear assemblies are suitable for general industrial applications. All IP Enclosures are built to precision to ensure high quality standards.

Features & Specifications

IP Enclosures MF1SS range of grade 316 stainless steel floor standing electrical cabinets for low voltage switchgear and controlgear assemblies are suitable for general industrial applications.

Protection: Complies with IP55
(Independent accredited test laboratory)

Standard: IEC62208, AS/EN/IEC60529, RoHS CE
(IEC61439 Compliant)

Material:
- Main Frame: 2.0mm Grade 316/316L Stainless Steel W Profile System
- Covers: 1.2mm Grade 316/316L Stainless Steel
- Front Door: 2.0mm Grade 316/316L Stainless Steel
- Mounting Plates: 1.5mm - 2.0mm Galvanised Steel Sheet
- Seal: EPDM

Surface Finish: 0.4 micron Ra surface brushed finish

Main Frame: The robust modular main structure is fabricated using 2.0mm grade 316 stainless steel W Profile system with 20mm hole pattern.

Door: The robust door is fabricated using 2.0mm grade 316 stainless steel and incorporates four concealed reversible hinges. The door is designed for a 135° opening. Each door contains earth studs and an A4 document pocket.

Side, Rear and Roof Panels: Removable panels are fabricated using 1.2mm grade 316 stainless steel.

Base: Base is 100mm

Door Seal: High quality EPDM replaceable door seal.

Lock: 4 point locking system with key-lock swing handle.

Device Mounting Plate: The device mounting plate is fabricated using 1.5-2.0mm mm galvanised steel sheet, pressed to provide additional strength.

Earthing: All panels are earthed to provide earthing continuity.

Accessories and Baying Kits: A full range of accessories are available including baying kits. Contact us for more information.

IP-MFSBAYKIT - Baying Kit to suit Freestanding Cabinets

Part Number	Cabinet Size			Supplied with KIT				Accessories	Option
KIT	H	W	D	Enclosure	Side Panel	Device Plate	Base	Inner Door	Colour
IP-MFS1624040-KIT	1620 x	400 x	400	IP-MFS1624040	IP-MFSP16240	IP-MFSM16240	IP-MFSB4040	IP-MFSID16240	-OR
IP-MFS1624060-KIT	1620 x	400 x	600	IP-MFS1624060	IP-MFSP16260	IP-MFSM16240	IP-MFSB4060	IP-MFSID16240	-OR
IP-MFS1624080-KIT	1620 x	400 x	800	IP-MFS1624080	IP-MFSP16280	IP-MFSM16240	IP-MFSB4080	IP-MFSID16240	-OR
IP-MFS1624040-KIT	1620 x	600 x	400	IP-MFS1624040	IP-MFSP16040	IP-MFSM16040	IP-MFSB6040	IP-MFSID16260	-OR
IP-MFS1626060-KIT	1620 x	600 x	600	IP-MFS1626060	IP-MFSP16260	IP-MFSM16260	IP-MFSB6060	IP-MFSID16260	-OR
IP-MFS1626080-KIT	1620 x	600 x	800	IP-MFS1626080	IP-MFSP16280	IP-MFSM16260	IP-MFSB6080	IP-MFSID16260	-OR
IP-MFS1628040-KIT	1620 x	800 x	400	IP-MFS1628040	IP-MFSP16240	IP-MFSM16280	IP-MFSB8040	IP-MFSID16280	-OR
IP-MFS1628060-KIT	1620 x	800 x	600	IP-MFS1628060	IP-MFSP16260	IP-MFSM16280	IP-MFSB8060	IP-MFSID16280	-OR
IP-MFS1628080-KIT	1620 x	800 x	800	IP-MFS1628080	IP-MFSP16280	IP-MFSM16280	IP-MFSB8080	IP-MFSID16280	-OR
IP-MFS16210060-KIT	1620 x	1000 x	600	IP-MFS16210060	IP-MFSP16260	IP-MFSM162100	IP-MFSB10060	-	-OR
IP-MFS16210080-KIT	1620 x	1000 x	800	IP-MFS16210080	IP-MFSP16280	IP-MFSM162100	IP-MFSB10080	-	-OR
IP-MFS16212060-KIT	1620 x	1200*x	600	IP-MFS16212060	IP-MFSP16260	IP-MFSM162120	IP-MFSB12060	-	-OR
IP-MFS16212080-KIT	1620 x	1200*x	800	IP-MFS16212080	IP-MFSP16280	IP-MFSM162120	IP-MFSB12080	-	-OR
IP-MFS1864040-KIT	1860 x	400 x	400	IP-MFS1864040	IP-MFSP18640	IP-MFSM18640	IP-MFSB4040	IP-MFSID18640	-OR
IP-MFS1864060-KIT	1860 x	400 x	600	IP-MFS1864060	IP-MFSP18660	IP-MFSM18640	IP-MFSB4060	IP-MFSID18640	-OR
IP-MFS1864080-KIT	1860 x	400 x	800	IP-MFS1864080	IP-MFSP18680	IP-MFSM18640	IP-MFSB4080	IP-MFSID18640	-OR
IP-MFS1866040-KIT	1860 x	600 x	400	IP-MFS1866040	IP-MFSP18640	IP-MFSM18660	IP-MFSB6040	IP-MFSID18660	-OR
IP-MFS1866060-KIT	1860 x	600 x	600	IP-MFS1866060	IP-MFSP18660	IP-MFSM18660	IP-MFSB6060	IP-MFSID18660	-OR
IP-MFS1866080-KIT	1860 x	600 x	800	IP-MFS1866080	IP-MFSP18680	IP-MFSM18660	IP-MFSB6080	IP-MFSID18660	-OR
IP-MFS1868040-KIT	1860 x	800 x	400	IP-MFS1868040	IP-MFSP18640	IP-MFSM18680	IP-MFSB8040	IP-MFSID18680	-OR
IP-MFS1868060-KIT	1860 x	800 x	600	IP-MFS1868060	IP-MFSP18660	IP-MFSM18680	IP-MFSB8060	IP-MFSID18680	-OR
IP-MFS1868080-KIT	1860 x	800 x	800	IP-MFS1868080	IP-MFSP18680	IP-MFSM18680	IP-MFSB8080	IP-MFSID18680	-OR
IP-MFS18610060-KIT	1860 x	1000 x	600	IP-MFS18610060	IP-MFSP18660	IP-MFSM186100	IP-MFSB10060	IP-MFSID186100	-OR
IP-MFS18610080-KIT	1860 x	1000 x	800	IP-MFS18610080	IP-MFSP18680	IP-MFSM186100	IP-MFSB10080	IP-MFSID186100	-OR
IP-MFS18612060-KIT	1860 x	1200*x	600	IP-MFS18612060	IP-MFSP18660	IP-MFSM186120	IP-MFSB12060	IP-MFSID186120	-OR
IP-MFS18612080-KIT	1860 x	1200*x	800	IP-MFS18612080	IP-MFSP18680	IP-MFSM186120	IP-MFSB12080	IP-MFSID186120	-OR
IP-MFS2024040-KIT	2020 x	400 x	400	IP-MFS2024040	IP-MFSP20240	IP-MFSM20240	IP-MFSB4040	IP-MFSID20240	-OR
IP-MFS2024060-KIT	2020 x	400 x	600	IP-MFS2024060	IP-MFSP20260	IP-MFSM20240	IP-MFSB4060	IP-MFSID20240	-OR
IP-MFS2024080-KIT	2020 x	400 x	800	IP-MFS2024080	IP-MFSP20280	IP-MFSM20240	IP-MFSB4080	IP-MFSID20240	-OR
IP-MFS2026040-KIT	2020 x	600 x	400	IP-MFS2026040	IP-MFSP20240	IP-MFSM20260	IP-MFSB6040	IP-MFSID20260	-OR
IP-MFS2026060-KIT	2020 x	600 x	600	IP-MFS2026060	IP-MFSP20260	IP-MFSM20260	IP-MFSB6060	IP-MFSID20260	-OR
IP-MFS2026080-KIT	2020 x	600 x	800	IP-MFS2026080	IP-MFSP20280	IP-MFSM20260	IP-MFSB6080	IP-MFSID20260	-OR
IP-MFS2028040-KIT	2020 x	800 x	400	IP-MFS2028040	IP-MFSP20240	IP-MFSM20280	IP-MFSB8040	IP-MFSID20280	-OR
IP-MFS2028060-KIT	2020 x	800 x	600	IP-MFS2028060	IP-MFSP20260	IP-MFSM20280	IP-MFSB8060	IP-MFSID20280	-OR
IP-MFS2028080-KIT	2020 x	800 x	800	IP-MFS2028080	IP-MFSP20280	IP-MFSM20280	IP-MFSB8080	IP-MFSID20280	-OR
IP-MFS20210060-KIT	2020 x	1000 x	600	IP-MFS20210060	IP-MFSP20260	IP-MFSM202100	IP-MFSB10060	IP-MFSID202100	-OR
IP-MFS20210080-KIT	2020 x	1000 x	800	IP-MFS20210080	IP-MFSP20280	IP-MFSM202100	IP-MFSB10080	IP-MFSID202100	-OR
IP-MFS20212060-KIT	2020 x	1200*x	600	IP-MFS20212060	IP-MFSP20260	IP-MFSM202120	IP-MFSB12060	IP-MFSID202120	-OR
IP-MFS20212080-KIT	2020 x	1200*x	800	IP-MFS20212080	IP-MFSP20280	IP-MFSM202120	IP-MFSB12080	IP-MFSID202120	-OR

*1200 Wide Cabinets = Double Door

Stainless Steel Grade 316/316L **MF1SS**

Part Number	Cabinet Size			Supplied with KIT				Accessories
KIT	H	W	D	Enclosure	Side Panel	Device Plate	Base	Inner Door
IP-MFSS1624040-KIT	1620 x	400 x	400	IP-MFSS1624040	IP-MFSSP16240	IP-MFSSM16240	IP-MFSSB4040	IP-MFSSID16240
IP-MFSS1624060-KIT	1620 x	400 x	600	IP-MFSS1624060	IP-MFSSP16260	IP-MFSSM16240	IP-MFSSB4060	IP-MFSSID16240
IP-MFSS1624080-KIT	1620 x	400 x	800	IP-MFSS1624080	IP-MFSSP16280	IP-MFSSM16240	IP-MFSSB4080	IP-MFSSID16240
IP-MFSS1624040-KIT	1620 x	600 x	400	IP-MFSS1624040	IP-MFSSP16040	IP-MFSSM16040	IP-MFSSB6040	IP-MFSSID16260
IP-MFSS1626060-KIT	1620 x	600 x	600	IP-MFSS1626060	IP-MFSSP16260	IP-MFSSM16260	IP-MFSSB6060	IP-MFSSID16260
IP-MFSS1626080-KIT	1620 x	600 x	800	IP-MFSS1626080	IP-MFSSP16280	IP-MFSSM16260	IP-MFSSB6080	IP-MFSSID16260
IP-MFSS1628040-KIT	1620 x	800 x	400	IP-MFSS1628040	IP-MFSSP16240	IP-MFSSM16280	IP-MFSSB8040	IP-MFSSID16280
IP-MFSS1628060-KIT	1620 x	800 x	600	IP-MFSS1628060	IP-MFSSP16260	IP-MFSSM16280	IP-MFSSB8060	IP-MFSSID16280
IP-MFSS1628080-KIT	1620 x	800 x	800	IP-MFSS1628080	IP-MFSSP16280	IP-MFSSM16280	IP-MFSSB8080	IP-MFSSID16280
IP-MFSS16210060-KIT	1620 x	1000 x	600	IP-MFSS16210060	IP-MFSSP16260	IP-MFSSM162100	IP-MFSSB10060	-
IP-MFSS16210080-KIT	1620 x	1000 x	800	IP-MFSS16210080	IP-MFSSP16280	IP-MFSSM162100	IP-MFSSB10080	-
IP-MFSS16212060-KIT	1620 x	1200 x	600	IP-MFSS16212060	IP-MFSSP16260	IP-MFSSM162120	IP-MFSSB12060	-
IP-MFSS16212080-KIT	1620 x	1200 x	800	IP-MFSS16212080	IP-MFSSP16280	IP-MFSSM162120	IP-MFSSB12080	-
IP-MFSS1864040-KIT	1860 x	400 x	400	IP-MFSS1864040	IP-MFSSP18640	IP-MFSSM18640	IP-MFSSB4040	IP-MFSSID18640
IP-MFSS1864060-KIT	1860 x	400 x	600	IP-MFSS1864060	IP-MFSSP18660	IP-MFSSM18640	IP-MFSSB4060	IP-MFSSID18640
IP-MFSS1864080-KIT	1860 x	400 x	800	IP-MFSS1864080	IP-MFSSP18680	IP-MFSSM18640	IP-MFSSB4080	IP-MFSSID18640
IP-MFSS1866040-KIT	1860 x	600 x	400	IP-MFSS1866040	IP-MFSSP18640	IP-MFSSM18660	IP-MFSSB6040	IP-MFSSID18660
IP-MFSS1866060-KIT	1860 x	600 x	600	IP-MFSS1866060	IP-MFSSP18660	IP-MFSSM18660	IP-MFSSB6060	IP-MFSSID18660
IP-MFSS1866080-KIT	1860 x	600 x	800	IP-MFSS1866080	IP-MFSSP18680	IP-MFSSM18660	IP-MFSSB6080	IP-MFSSID18660
IP-MFSS1868040-KIT	1860 x	800 x	400	IP-MFSS1868040	IP-MFSSP18640	IP-MFSSM18680	IP-MFSSB8040	IP-MFSSID18680
IP-MFSS1868060-KIT	1860 x	800 x	600	IP-MFSS1868060	IP-MFSSP18660	IP-MFSSM18680	IP-MFSSB8060	IP-MFSSID18680
IP-MFSS1868080-KIT	1860 x	800 x	800	IP-MFSS1868080	IP-MFSSP18680	IP-MFSSM18680	IP-MFSSB8080	IP-MFSSID18680
IP-MFSS18610060-KIT	1860 x	1000 x	600	IP-MFSS18610060	IP-MFSSP18660	IP-MFSSM186100	IP-MFSSB10060	IP-MFSSID186100
IP-MFSS18610080-KIT	1860 x	1000 x	800	IP-MFSS18610080	IP-MFSSP18680	IP-MFSSM186100	IP-MFSSB10080	IP-MFSSID186100
IP-MFSS18612060-KIT	1860 x	1200 x	600	IP-MFSS18612060	IP-MFSSP18660	IP-MFSSM186120	IP-MFSSB12060	IP-MFSSID186120
IP-MFSS18612080-KIT	1860 x	1200 x	800	IP-MFSS18612080	IP-MFSSP18680	IP-MFSSM186120	IP-MFSSB12080	IP-MFSSID186120
IP-MFSS2024040-KIT	2020 x	400 x	400	IP-MFSS2024040	IP-MFSSP20240	IP-MFSSM20240	IP-MFSSB4040	IP-MFSSID20240
IP-MFSS2024060-KIT	2020 x	400 x	600	IP-MFSS2024060	IP-MFSSP20260	IP-MFSSM20240	IP-MFSSB4060	IP-MFSSID20240
IP-MFSS2024080-KIT	2020 x	400 x	800	IP-MFSS2024080	IP-MFSSP20280	IP-MFSSM20240	IP-MFSSB4080	IP-MFSSID20240
IP-MFSS2026040-KIT	2020 x	600 x	400	IP-MFSS2026040	IP-MFSSP20240	IP-MFSSM20260	IP-MFSSB6040	IP-MFSSID20260
IP-MFSS2026060-KIT	2020 x	600 x	600	IP-MFSS2026060	IP-MFSSP20260	IP-MFSSM20260	IP-MFSSB6060	IP-MFSSID20260
IP-MFSS2026080-KIT	2020 x	600 x	800	IP-MFSS2026080	IP-MFSSP20280	IP-MFSSM20260	IP-MFSSB6080	IP-MFSSID20260
IP-MFSS2028040-KIT	2020 x	800 x	400	IP-MFSS2028040	IP-MFSSP20240	IP-MFSSM20280	IP-MFSSB8040	IP-MFSSID20280
IP-MFSS2028060-KIT	2020 x	800 x	600	IP-MFSS2028060	IP-MFSSP20260	IP-MFSSM20280	IP-MFSSB8060	IP-MFSSID20280
IP-MFSS2028080-KIT	2020 x	800 x	800	IP-MFSS2028080	IP-MFSSP20280	IP-MFSSM20280	IP-MFSSB8080	IP-MFSSID20280
IP-MFSS20210060-KIT	2020 x	1000 x	600	IP-MFSS20210060	IP-MFSSP20260	IP-MFSSM202100	IP-MFSSB10060	IP-MFSSID202100
IP-MFSS20210080-KIT	2020 x	1000 x	800	IP-MFSS20210080	IP-MFSSP20280	IP-MFSSM202100	IP-MFSSB10080	IP-MFSSID202100
IP-MFSS20212060-KIT	2020 x	1200* x	600	IP-MFSS20212060	IP-MFSSP20260	IP-MFSSM202120	IP-MFSSB12060	IP-MFSSID202120
IP-MFSS20212080-KIT	2020 x	1200* x	800	IP-MFSS20212080	IP-MFSSP20280	IP-MFSSM202120	IP-MFSSB12080	IP-MFSSID202120

*1200 Wide Cabinets = Double Door

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Inner door escutcheons are designed to be easily fitted into new or existing IP Enclosures floor standing electrical cabinets.

Inner door escutcheons are an optional feature that can be easily fitted into IP Enclosures floor standing electrical cabinets. Inner door kits are provided with the inner door, two vertical rails and fasteners for easy assembly.

Inner doors enable operators to access control equipment inside an electrical cabinet while maintaining separation of hazardous voltage equipment within the hazardous voltage area behind the inner door. Hinged escutcheon plates accommodate control components such as circuit breaker handles, pushbuttons, indicator lights and HMI's.

STEEL RANGE

Material: 1.5mm galvanised steel sheet
Lock: Chrome 5mm double bit insert quarter turn locks
Surface Treatment: UL approved epoxy polyester powder-coated with a textured finish 80-120 micron average thickness.
Standard colour: RAL7035.

STAINLESS STEEL RANGE

Material: 1.5mm Grade 316/316L stainless steel
Locks: 316ss 8mm square drive quarter turn locks.

STEEL

Size		Accessories	Option
H	**W**	**Inner Door**	**Colour**
1620 x 400		IP-MFSID16240	-OR
1620 x 600		IP-MFSID16260	-OR
1620 x 800		IP-MFSID16280	-OR
1860 x 400		IP-MFSID18640	-OR
1860 x 600		IP-MFSID18660	-OR
1860 x 800		IP-MFSID18680	-OR
1860 x 1000		IP-MFSID186100	-OR
1860 x 1200		IP-MFSID186120	-OR
2020 x 400		IP-MFSID20240	-OR
2020 x 600		IP-MFSID20260	-OR
2020 x 800		IP-MFSID20280	-OR
2020 x 1000		IP-MFSID202100	-OR
2020 x 1200		IP-MFSID202120	-OR

STAINLESS STEEL

Size		Accessories
H	**W**	**Inner Door**
1620 x 400		IP-MFSSID16240
1620 x 600		IP-MFSSID16260
1620 x 800		IP-MFSSID16280
1860 x 400		IP-MFSSID18640
1860 x 600		IP-MFSSID18660
1860 x 800		IP-MFSSID18680
1860 x 1000		IP-MFSSID186100
1860 x 1200		IP-MFSSID186120
2020 x 400		IP-MFSSID20240
2020 x 600		IP-MFSSID20260
2020 x 800		IP-MFSSID20280
2020 x 1000		IP-MFSSID202100
2020 x 1200		IP-MFSSID202120

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Transparent Doors can be easily fitted to our range of floor standing electrical cabinets. Simply remove the standard door and replace with a transparent door.

WINDOOR™

IP Enclosures provide a range of transparent glazed Windoors™ that can be easily fitted to our range of electrical cabinets. Transparent doors are provided as a standard accessory. Simply remove the existing door and replace with a transparent door.

Features and Specifications
Protection: Complies with IP66
Standard: IEC/EN/AS60529, RoHS

STEEL RANGE
– Enclosure Door: 1.5mm galvanised steel sheet
– Enclosure Seal: Polyurethane
– Windows: 4mm transparent tempered glass
Door: Fabricated from 1.5mm galvanised steel sheet incorporating concealed removable hinges with captive pins. Provided with recessed windows manufactured from 4mm transparent tempered glass with seal. Powder coated 80-120 micron.
Seal: High quality EPDM replaceable door seal.
Lock: 4 point locking system with key-lock swing handle.

STAINLESS STEEL RANGE
– Enclosure Door: 1.5mm Grade 316/316L Stainless Steel
– Enclosure Seal: Polyurethane
– Windows: 4mm transparent tempered glass
Door: Fabricated from 1.5mm Grade 316/316L Stainless Steel incorporating concealed removable hinges with captive pins. Provided with recessed windows manufactured from 4mm transparent tempered glass with seal.
Seal: High quality EPDM replaceable door seal.
Lock: 4 point locking system with key-lock swing handle.

STEEL

Size		Accessories	Option
H	W	Transparent Door	Colour
1620 x 400		IP-MFS16240WINDOOR	-OR
1620 x 600		IP-MFS16260WINDOOR	-OR
1620 x 800		IP-MFS16280WINDOOR	-OR
1860 x 400		IP-MFS18640WINDOOR	-OR
1860 x 600		IP-MFS18660WINDOOR	-OR
1860 x 800		IP-MFS18680WINDOOR	-OR
1860 x 1000		IP-MFS186100WINDOOR	-OR
1860 x 1200		IP-MFS186120WINDOOR	-OR
2020 x 400		IP-MFS20240WINDOOR	-OR
2020 x 600		IP-MFS20260WINDOOR	-OR
2020 x 800		IP-MFS20280WINDOOR	-OR
2020 x 1000		IP-MFS202100WINDOOR	-OR
2020 x 1200		IP-MFS202120WINDOOR	-OR

STAINLESS STEEL

Size		Accessories
H	W	Transparent Door
1620 x 400		IP-MFSS16240WINDOOR
1620 x 600		IP-MFSS16260WINDOOR
1620 x 800		IP-MFSS16280WINDOOR
1860 x 400		IP-MFSS18640WINDOOR
1860 x 600		IP-MFSS18660WINDOOR
1860 x 800		IP-MFSS18680WINDOOR
1860 x 1000		IP-MFSS186100WINDOOR
1860 x 1200		IP-MFSS186120WINDOOR
2020 x 400		IP-MFSS20240WINDOOR
2020 x 600		IP-MFSS20260WINDOOR
2020 x 800		IP-MFSS20280WINDOOR
2020 x 1000		IP-MFSS202100WINDOOR
2020 x 1200		IP-MFSS202120WINDOOR

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Cover Plates & Brackets

A range of front cover plates and brackets
are available with and without MCB cutouts.

Front cover plates and cover plate brackets are available to suit each sizes of floor standing electrical cabinet.

FRONT COVER PLATES

Material: Galvanised steel sheet

Surface Treatment: UL approved epoxy polyester powder coated with a textured finish. 80-120 micron average thickness. The standard colour is RAL7035.

Part Number	Height (mm) x Description	To Suit Width of Cabinet (mm)
IP-CP1640	160mm High Cover Plate	400mm Wide Cabinet
IP-CPMCB1640	160mm High with MCB Cutouts	400mm Wide Cabinet
IP-CP1660	160mm High Cover Plate	600mm Wide Cabinet
IP-CPMCB1660	160mm High with MCB Cutouts	600mm Wide Cabinet
IP-CP1680	160mm High Cover Plate	800mm Wide Cabinet
IP-CPMCB1680	160mm High with MCB Cutouts	800mm Wide Cabinet
IP-CP2440	240mm High Cover Plate	400mm Wide Cabinet
IP-CP2460	240mm High Cover Plate	600mm Wide Cabinet
IP-CP2480	240mm High Cover Plate	800mm Wide Cabinet
IP-CP3240	320mm High Cover Plate	400mm Wide Cabinet
IP-CP3260	320mm High Cover Plate	600mm Wide Cabinet
IP-CP3280	320mm High Cover Plate	800mm Wide Cabinet
IP-CP4040	400mm High Cover Plate	400mm Wide Cabinet
IP-CP4060	400mm High Cover Plate	600mm Wide Cabinet
IP-CP4080	400mm High Cover Plate	800mm Wide Cabinet
IP-CP4840	480mm High Cover Plate	400mm Wide Cabinet
IP-CP4860	480mm High Cover Plate	600mm Wide Cabinet
IP-CP4880	480mm High Cover Plate	800mm Wide Cabinet
IP-CP5640	560mm High Cover Plate	400mm Wide Cabinet
IP-CP5660	560mm High Cover Plate	600mm Wide Cabinet
IP-CP5680	560mm High Cover Plate	800mm Wide Cabinet
IP-CP6440	640mm High Cover Plate	400mm Wide Cabinet
IP-CP6460	640mm High Cover Plate	600mm Wide Cabinet
IP-CP6480	640mm High Cover Plate	800mm Wide Cabinet

Cover Plates Fitted

COVER BRACKETS

To fit Cover Plates, 1 x set of Cover Brackets are required.
Select from below to suit the height of the electrical cabinet.

Part Number	Height (mm) x Description	To Suit Width of Cabinet (mm)
IP-CPP1620	1620mm High Cover Brackets	1620mm High Cabinet
IP-CPP1860	1860mm High Cover Brackets	1860mm High Cabinet
IP-CPP2020	2020mm High Cover Brackets	2020mm High Cabinet

Cover Plates Removed

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A range of mounting plates, DIN Rail and brackets are available to suit each size of electrical cabinet.

Mounting Plates and DIN Rail are mounted using a wide range of bracket kits and depth slide bracket kits to provide infinite combinations of mounting positions.

DIN RAIL & BRACKETS

DIN Rail - SKU	Mounting Bracket - SKU	To Suit Width of Cabinet (mm)
IP-MCBR0040	IP-MCBP0040	400mm Wide Cabinet
IP-MCBR0060	IP-MCBP0060	600mm Wide Cabinet
IP-MCBR0080	IP-MCBP0080	800mm Wide Cabinet

MOUNTING PLATES

Part Number	Height (mm) x Description	To Suit Width of Cabinet (mm)
IP-MP160400	160mm High Mounting Plate	400mm Wide Cabinet
IP-MP160600	160mm High Mounting Plate	600mm Wide Cabinet
IP-MP160800	160mm High Mounting Plate	800mm Wide Cabinet
IP-MP240400	240mm High Mounting Plate	400mm Wide Cabinet
IP-MP240600	240mm High Mounting Plate	600mm Wide Cabinet
IP-MP240800	240mm High Mounting Plate	800mm Wide Cabinet
IP-MP320400	320mm High Mounting Plate	400mm Wide Cabinet
IP-MP320600	320mm High Mounting Plate	600mm Wide Cabinet
IP-MP320800	320mm High Mounting Plate	800mm Wide Cabinet
IP-MP400400	400mm High Mounting Plate	400mm Wide Cabinet
IP-MP400600	400mm High Mounting Plate	600mm Wide Cabinet
IP-MP400800	400mm High Mounting Plate	800mm Wide Cabinet
IP-MP560400	560mm High Mounting Plate	400mm Wide Cabinet
IP-MP560600	560mm High Mounting Plate	600mm Wide Cabinet
IP-MP560800	560mm High Mounting Plate	800mm Wide Cabinet
IP-MP640400	640mm High Mounting Plate	400mm Wide Cabinet
IP-MP640600	640mm High Mounting Plate	600mm Wide Cabinet
IP-MP640800	640mm High Mounting Plate	800mm Wide Cabinet
IP-MP720400	720mm High Mounting Plate	400mm Wide Cabinet
IP-MP720600	720mm High Mounting Plate	600mm Wide Cabinet
IP-MP720800	720mm High Mounting Plate	800mm Wide Cabinet
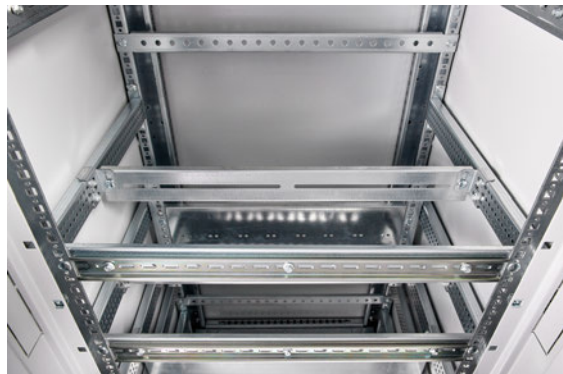
MOUNTING PLATE BRACKETS

To attach Mounting Plates to cabinet, select 1 x Bracket Kit below. (Note that several Mounting Plates can be attached to 1 x Bracket Kit providing the total height of Mounting Plates does not exceed height of Bracket Kit.)

Part Number	Height (mm) x Description
IP-MPB400-KIT	400mm High Mounting Plate Bracket Kit
IP-MPB600-KIT	600mm High Mounting Plate Bracket Kit
IP-MPB800-KIT	800mm High Mounting Plate Bracket Kit
IP-MPB1000-KIT	1000mm High Mounting Plate Bracket Kit

DEPTH SLIDE KIT

To attach Mounting Plate Bracket Kit,1 x Depth Slide Kit is required (if existing Depth Slides are not suitably positioned). Select 1 x Depth Slide Kit to suit depth of cabinet.

Part Number	Depth (mm) to suit Depth of Cabinet
IP-DS400-KIT	400mm Depth Slide Kit
IP-DS600-KIT	600mm Depth Slide Kit
IP-DS800-KIT	800mm Depth Slide Kit

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Shelf Kits | Floor Standing

IP Enclosures provide a range of fixed and sliding adjustable shelves for floor standing electrical cabinets.

IP Enclosures provide a range of fixed and sliding adjustable component shelf kits for floor standing electrical cabinets.

FIXED COMPONENT SHELF (Height Adjustable)

Fixed shelf systems have many uses and can be used for component storage, separation and battery storage. Fixed shelves are pressed to provide strength. They are provided with fasteners and can be fitted without drilling. Multiple shelves can be fitted into each cabinet and shelves can be fully adjusted to the correct positions.

Material: 1.2 to 1.5 mm galvanised steel sheet

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

Part Number	Description
SKU	Width x Depth (mm)
IP-SHL6060	600W x 600D Shelf System
IP-SHL6080	600W x 800D Shelf System
IP-SHL8060	800W x 600D Shelf System
IP-SHL8080	800W x 800D Shelf System
IP-SHL10060	1000W x 600D Shelf System
IP-SHL10080	1000W x 800D Shelf System

SLIDING SHELF / LAPTOP DRAWER

Sliding shelf (laptop drawer) kits are provided assembled complete with 4 screws for fast and easy installation into floor standing electrical cabinets without drilling.

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

Part Number	Description
SKU	Width (mm)
IP-MFS600LECTERN	600W Sliding Shelf
IP-MFS800LECTERN	800W Sliding Shelf

Mounted IP66 19″ Data Racks

SDW

Steel | Powder Coated

SINGLE DOOR | IP66

The IP Enclosures SDW range of wall mounted IP66 19" data racks are designed for heavy duty outdoor applications to house sensitive data network equipment in harsh environments. They are suitable for internal and external installations. All IP Enclosures are built to precision to ensure consistent high quality standards.

Features & Specifications

IP Enclosures SDW range of IP66 19" data racks are designed for heavy duty outdoor applications to house sensitive data network equipment in harsh environments. They are suitable for internal and external installations. All IP Enclosures are built to precision to ensure consistent high quality standards.

Protection: Complies with IP66 IK10

Standard: AS/EN/IEC60529, EIA-310-D, RoHS CE

Material:
- Enclosure Body: 1.5mm galvanised steel sheet
- Enclosure Door: 1.5mm galvanised steel sheet
- 19" Data Rack Rails: 1.5mm galvanised steel sheet
- Enclosure Seal: Polyurethane. UL listed.

Body & 19" Rails: The robust monoblock body is 1.5mm galvanised steel sheet. Flat face sealing surfaces increase seal life. Pre-fitted blind nutserts are incorporated to accommodate wall mounting brackets to eliminate drilling to retain IP rating. The profiled roof design protrudes past the seal, flush with the front of the door face. A galvanised steel gland plate is also incorporated into the bottom face. 19" data rack rails are fitted. 600mm deep racks include front and rear rails.

Door: The surface mounted door is 1.5mm galvanised steel sheet. It incorporates concealed removable hinges with captive pins. Doors are also designed for a 110° opening. Each door incorporates 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: Chrome 5mm double bit insert quarter turn lock with key. A full range of locking solutions are available upon request.

Gland Plate: Gland plates are incorporated into the bottom face of the enclosure for cable management. The size and quantity vary according to enclosure size.

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

Accessories: A range of data rack accessories are available.

Part Number	Size	Accessories	Part Number Suffix
Standard	U/RU x Depth (mm)	Transparent Door	Optional Colours
IP-SDW4RU30	4RU x 300 Deep 19" Data Rack	-	-BLK
IP-SDW6RU30	6RU x 300 Deep 19" Data Rack	IP-3060WINDOOR	-BLK
IP-SDW6RU40	6RU x 400 Deep 19" Data Rack	IP-3060WINDOOR	-BLK
IP-SDW9RU40	9RU x 400 Deep 19" Data Rack	-	-BLK
IP-SDW12RU40	12RU x 400 Deep 19" Data Rack	IP-6060WINDOOR	-BLK
IP-SDW12RU60	12RU x 600 Deep 19" Data Rack	IP-6060WINDOOR	-BLK

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Mounted IP66 19″ Data Racks

ADW

Marine Grade Aluminium | Powder Coated

SINGLE DOOR | IP66

The IP Enclosures ADW range of aluminium wall mounted IP66 19" data racks are designed for heavy duty outdoor applications to house sensitive data network equipment in harsh environments. They are suitable for internal and external installations. All IP Enclosures are built to precision to ensure consistent high quality standards.

Features & Specifications

IP Enclosures ADW range of aluminium IP66 19" data racks are designed for heavy duty outdoor applications to house sensitive data network equipment in harsh environments. They are suitable for internal and external installations. All IP Enclosures are built to precision to ensure consistent high quality standards.

Protection: Complies with IP66 IK10

Standard: AS/EN/IEC60529, EIA-310-D, RoHS

Material:
- Enclosure Body: 1.5mm Marine Grade Aluminium 5754-H111
- Enclosure Door: 1.5mm Marine Grade Aluminium 5754-H111
- Enclosure Seal: Polyurethane. UL listed.

Body: The robust monoblock body is fabricated from 1.5mm marine grade aluminium sheet. Flat face sealing surfaces increase seal life. Pre-fitted blind nutserts are incorporated to accommodate wall mounting brackets to eliminate drilling to retain IP rating. The profiled roof design protrudes past the seal, flush with the front of the door face. 19" data rack rails are fitted. 600mm deep racks include front and rear rails.

Door: The surface mounted door is fabricated from 1.5mm aluminium sheet. It incorporates concealed removable hinges with captive pins. Doors are also designed for a 110° opening. Each door incorporates 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: Chrome 5mm double bit insert quarter turn lock with key. A full range of locking solutions are available upon request.

Gland Plate: Gland plates are incorporated into the bottom face of the enclosure for cable management. The size and quantity vary according to enclosure size.

Surface Treatment: UL approved epoxy polyester powder coated with a textured finish 80-120 micron average thickness.
- Standard Colour: RAL7035 Light Grey and RAL9005 Jet Black are standard colours. *(Other colours available upon request).*

**Accessories:** A range of data rack accessories are available.

Part Number	Size	Accessories	Part Number Suffix
Standard	**U/RU x Depth (mm)**	**Transparent Door**	**Optional Colours**
IP-ADW4RU30	4RU x 300 Deep 19" Data Rack	-	-BLK
IP-ADW6RU30	6RU x 300 Deep 19" Data Rack	IP-A3060WINDOOR	-BLK
IP-ADW6RU45	6RU x 450 Deep 19" Data Rack	IP-A3060WINDOOR	-BLK
IP-ADW9RU45	9RU x 450 Deep 19" Data Rack	-	-BLK
IP-ADW12RU45	12RU x 450 Deep 19" Data Rack	IP-A6060WINDOOR	-BLK
IP-ADW12RU60	12RU x 600 Deep 19" Data Rack	IP-A6060WINDOOR	-BLK

Mounted IP66 19″ Data Racks   **SSDW**
Stainless Steel Grade 316/316L (Optional 304)
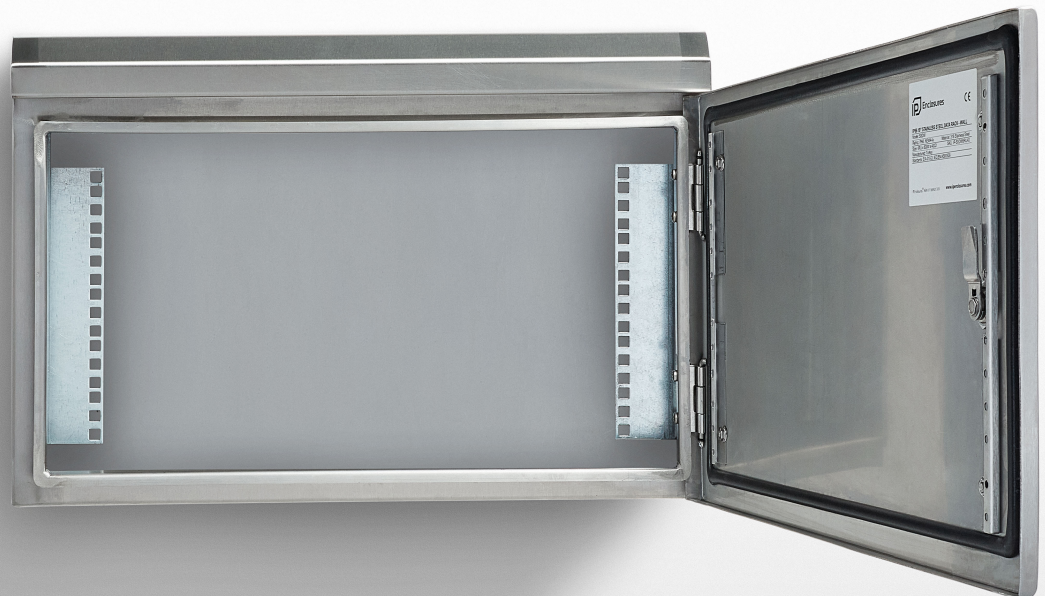
SINGLE DOOR | IP66

The IP Enclosures SSDW range of stainless steel wall mounted IP66 19" data racks are designed for extreme duty to house sensitive data network equipment in harsh environments. They are suitable for internal and external installations.

Features & Specifications

The IP Enclosures SSDW range of stainless steel wall mounted IP66 19" data racks are designed for extreme duty to house sensitive data network equipment in harsh environments. They are suitable for internal and external installations. All IP Enclosures are built to precision to ensure consistent high quality standards.

Protection: Complies with IP66 IK10

Standard: AS/EN/IEC60529, EIA-310-D, RoHS

Material:
- Body: 1.5mm Grade 316/316L Stainless Steel (Optional 304)
- Door: 1.5mm Grade 316/316L Stainless Steel (Optional 304)
- 19" Data Rack Rails: 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 Grade 316/316L Stainless Steel. 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. A stainless steel gland plate is also incorporated into the bottom face. Adjustable 19" data rack rails are provided fitted.

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 and contains integral cable management rail studs, 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.

Part Number	Optional	Size
Grade 316	Grade 304	U/RU x Depth (mm)
IP-SSDW4RU30	IP-304-DW4RU30	4RU x 300 Deep 19" Data Rack
IP-SSDW6RU30	IP-304-DW6RU30	6RU x 300 Deep 19" Data Rack
IP-SSDW6RU45	IP-304-DW6RU45	6RU x 450 Deep 19" Data Rack
IP-SSDW9RU45	IP-304-DW9RU45	9RU x 450 Deep 19" Data Rack
IP-SSDW12RU45	IP-304-DW12RU45	12RU x 450 Deep 19" Data Rack
IP-SSDW12RU60	IP-304-DW12RU60	12RU x 600 Deep 19" Data Rack

Floor Standing IP66 19" Data Racks   SD
Steel | Powder Coated

SINGLE DOOR | IP66

The IP Enclosures SD range of floor standing IP66 19" data racks are designed for heavy duty outdoor applications to house sensitive data network equipment in harsh environments. They are suitable for internal and external installations. All IP Enclosures are built to precision to ensure consistent high quality standards.

Features & Specifications

IP Enclosures SD range of IP66 19" data racks are designed for heavy duty outdoor applications to house sensitive data network equipment in harsh environments.

Protection: Complies with IP66 IK10

Standard: AS/EN/IEC60529, EIA-310-D, RoHS (€

Material:
- Enclosure Body: 1.5mm galvanised steel sheet
- Enclosure Door: 1.5mm galvanised steel sheet
- 19" Data Rack Rails: 1.5mm galvanised steel sheet
- Enclosure Seal: Polyurethane

Body: The robust monoblock body is 1.5mm galvanised steel sheet. Flat face sealing surfaces increase seal life. A gland plate is also incorporated into the bottom face.

Door/s: The surface mounted door is 1.5mm galvanised steel sheet. It incorporates concealed removable hinges with captive pins. Doors are also designed for a 110° opening.

Door Seal: A high quality full perimeter seal provides excellent sealing over a long life. It is machine applied Polyurethane foamed in place (FIP).

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

Gland Plate: Gland plates with seals are incorporated into the bottom face of the enclosure for cable management.

Surface Treatment: UL approved epoxy polyester powder coated with a textured finish. 80-120 micron average thickness. Standard Colour: RAL7035.

Extra Heavy Duty: Items marked below as Extra Heavy Duty are constructed to withstand heavy loads associated with heavy equipment such as battery storage. Front and rear access doors are also provided. (Standard range has front door only, with a fixed rear panel).

Part Number	Size	No. of U (RU)	Cabinet Size	Type
SKU	19"	U/RU	U/RU H x W x D (mm)	
IP-SD606040	19"	12RU	12RU 650 x 600 x 400	Standard
IP-SD806040	19"	16RU	16RU 850 x 600 x 400	Standard
IP-SD806060	19"	16RU	16RU 850 x 600 x 600	Standard
IP-SD806080	19"	16RU	16RU 850 x 600 x 800	Standard
IP-SD1206040	19"	24RU	24RU 1200 x 600 x 400	Standard
IP-SD1206060	19"	24RU	24RU 1200 x 600 x 600	Standard
IP-SD1206080	19"	24RU	24RU 1200 x 600 x 800	Standard
IP-SD1676080	19"	30RU	30RU 1670 x 600 x 800	Extra Heavy Duty
IP-SD1606060	19"	32RU	32RU 1600 x 600 x 600	Standard
IP-SD1976080	19"	36RU	36RU 1970 x 600 x 800	Extra Heavy Duty
IP-SD2006060	19"	42RU	42RU 2000 x 600 x 600	Standard
IP-SD2006080	19"	42RU	42RU 2000 x 600 x 800	Standard

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Floor Standing IP66 19″ Data Racks
Stainless Steel Grade 316/316L

SSD

SINGLE DOOR | IP66

The IP Enclosures SSD range of stainless steel floor standing IP66 19" data racks are designed for extreme duty to house sensitive data network equipment in harsh environments. They are suitable for internal and external installations. All IP Enclosures are built to precision to ensure consistent high quality standards.

Features & Specifications

IP Enclosures SSD range of IP66 19" stainless steel data racks are designed for extreme duty to house sensitive data network equipment in harsh environments. They are suitable for internal and external installations.

Protection: Complies with IP66 IK10

Standard: AS/EN/IEC60529, EIA-310-D, RoHS (€

Material:
- Enclosure Body: 1.5mm Grade 316/316L Stainless Steel
- Enclosure Door: 1.5mm Grade 316/316L Stainless Steel
- 19" Data Rack Rails: 1.5mm galvanised steel sheet
- Enclosure Seal: Polyurethane

Surface Finish: 0.4 micron Ra surface brushed finish

Body: The robust monoblock body is fabricated using 1.5mm Grade 316/316L Stainless Steel. 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. A stainless steel gland plate with seal is also incorporated into the bottom 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 a high quality machine-applied foamed in place (FIP) Polyurethane seal.

Door Seal: A high quality machine-applied continuous foamed in place (FIP) Polyurethane seal provides excellent sealing over a long life.

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

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.

Part Number	Size	No. of U (RU)	Cabinet Size
SKU	**19"**	**U/RU**	**U/RU H x W x D (mm)**
IP-SSD606040	19"	12RU	12RU 650 x 600 x 400
IP-SSD806040	19"	16RU	16RU 850 x 600 x 400
IP-SSD806060	19"	16RU	16RU 850 x 600 x 600
IP-SSD806080	19"	16RU	16RU 850 x 600 x 800
IP-SSD1206040	19"	24RU	24RU 1200 x 600 x 400
IP-SSD1206060	19"	24RU	24RU 1200 x 600 x 600
IP-SSD1206080	19"	24RU	24RU 1200 x 600 x 800
IP-SSD1606060	19"	32RU	32RU 1600 x 600 x 600
IP-SSD2006060	19"	42RU	42RU 2000 x 600 x 600
IP-SSD2006080	19"	42RU	42RU 2000 x 600 x 800

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The IP Enclosures range of 19" rack-mounted DIN rail, distribution panels and shelves provide flexibility to fit DIN mounted electrical and control components into 19" racks.

Features & Specifications

Standard: Compatible with 19" racks EIA-310-D, RoHS

Slotted Din Rail Material: Electrogalvanised Steel 7.5 x 35 RoHS Compliant. Standard 35mm wide symmetrical TS35 DIN Rail compatible with EN50022 and DIN46277-3.

1RU 19" DIN Terminal Rail
Part Number: IP-SDDINPANEL1

1RU 19" Cover Panel
Part Number: IP-SDCOVER1

1RU 19" Cover Panel (Ventilated)
Part Number: IP-EMH1

Ventilated

2RU 19" DIN Terminal Rail
Part Number: IP-SDDINPANEL2

2RU 19" Cover Panel
Part Number: IP-SDCOVER2

2RU 19" Cover Panel (Ventilated)
Part Number: IP-EMH2

Ventilated

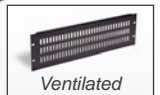**3RU 19" DIN Terminal Rail**
Part Number: IP-SDDINPANEL3

3RU 19" Cover Panel
Part Number: IP-SDCOVER3

3RU 19" Cover Panel (Ventilated)
Part Number: IP-EMH3

Ventilated

3RU 19" Distribution Board
Part Number: IP-SDDP3

(Supplied with Cover Panel)

1RU 19"DIN Rail Shelf - Single
Part Number: IP-SDDINSHELF1-150

1RU 19"DIN Rail Shelf - Double
Part Number: IP-SDDINSHELF1-250
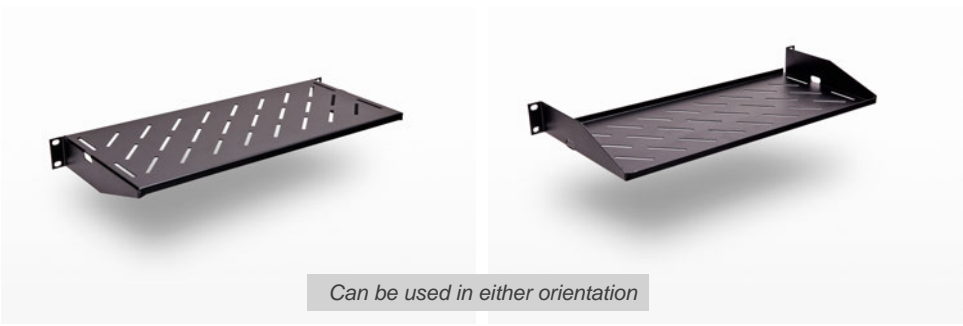
Features & Specifications

Standard: Compatible with 19" racks EIA-310-D, RoHS

1RU 19" Fixed Shelves
Part Number: IP-RCLF120
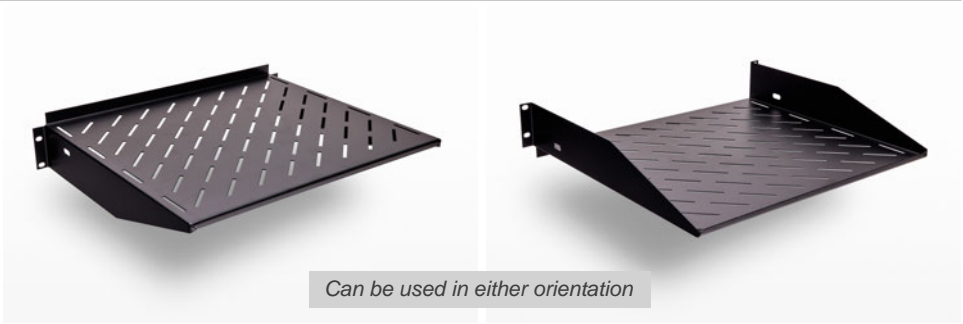Depth: 200mm

Part Number: IP-RCLF130
Depth: 300mm

Part Number: IP-RCLF140
Depth: 400mm

Can be used in either orientation

2RU 19" Fixed Shelves
Part Number: IP-RCLF240
Depth: 400mm

Part Number: IP-RCLF250
Depth: 500mm

Can be used in either orientation

3RU 19" Fixed Shelves
Part Number: IP-RCLF340
Depth: 400mm

Part Number: IP-RCLF350
Depth: 500mm

Part Number: IP-RCLF360
Depth: 600mm

Can be used in either orientation
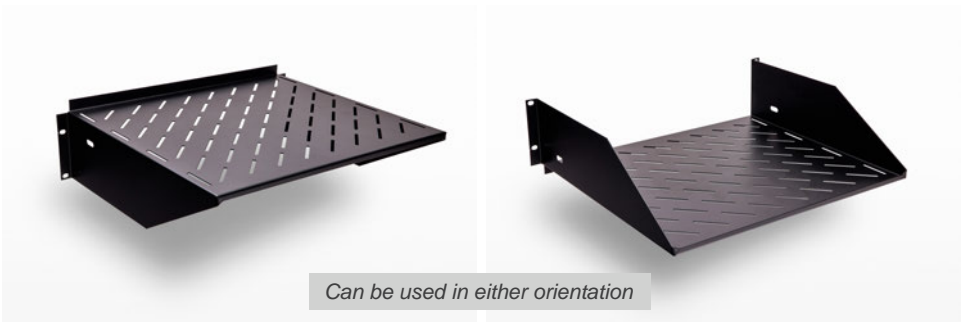
1RU 19" Sliding Shelf
Part Number: IP-RCHF130
Depth: 225mm

Part Number: IP-RCHF140
Depth: 325mm

19" Rack Mounted Enclosure Bracket
Part Number: IP-RACKBRACKET4025-SET
Depth: 254.5mm

(1 Set = 2 x brackets as shown including fasteners)

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80mm Castors/Wheels
Part Number: IP-080RMB

80mm Castors/Wheels - Set of 2
Wheel Size: 80mm
Wheel Width: 30mm
Load Capacity: 120kg (Per wheel)

80mm Castors/Wheels with Brake
Part Number: IP-080FRMB

80mm Castors/Wheels with Brake - Set of 2
Wheel Size: 80mm
Wheel Width: 30mm
Load Capacity: 120kg (Per wheel)

Adjustable Feet (Set of 4)
Part Number: IP-TAM10X70

Electronic Access Control Locks

Access control and monitoring for IP Enclosures Data Racks.

Australian made patented stainless steel high security electronic locks provide a keyless, highly secure and convenient entry solution. A range of entry pads are available including keypads, biometric fingerprint access and Bluetooth smartphone access. High security restricted key options are also available.
(Requires door accessory for mounting. Available upon request. Contact IP Enclosures)

Keypad Entry
IP-LE1 - Safe Lock with
Electronic Entry Keypad

LED Keypad Entry
IP-LE2 - Safe Lock with
LED Electronic Entry Keypad

Biometric Fingerprint Entry
IP-LE3 - Safe Lock with
Biometric Entry Keypad

Smartphone Entry (Siri, App)
IP-LE4 - Safe Lock with
Bluetooth Entry

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SINGLE DOOR | IP66

Powder coated galvanised steel single door enclosures are available in T33 Smoke Blue (Smooth Finish) suitable for infrastructure and road/traffic management projects.

Features & Specifications

Powder coated galvanised steel single door enclosures are available in T33 Smoke Blue (Smooth Finish) suitable for infrastructure and road/traffic management projects.

Protection: Complies with IP66 IK10, NEMA 4

Standard: IEC62208, IEC/EN/AS60529, RoHS

Material:
- Body: 1.2mm to 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. UL listed.

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.

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.

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 the enclosure as standard.

Surface Treatment: UL approved epoxy polyester powder coated with a smooth finish. 80-120 micron average thickness.

Colour: T33 Smoke Blue (Smooth Finish)

Part Number	Enclosure Size	Device Plate
Standard	**H x W x D (mm)**	**H x W (mm)**
IP-302015-T33	300 x 200 x 150	250 x 130
IP-302515-T33	300 x 250 x 150	250 x 180
IP-303015-T33	300 x 300 x 150	250 x 230
IP-303020-T33	300 x 300 x 200	250 x 230
IP-403020-T33	400 x 300 x 200	350 x 230
IP-404020-T33	400 x 400 x 200	350 x 330
IP-505025-T33	500 x 500 x 250	450 x 430
IP-604020-T33	600 x 400 x 200	550 x 330
IP-604030-T33	600 x 400 x 300	550 x 330
IP-606020-T33	600 x 600 x 200	550 x 530
IP-606030-T33	600 x 600 x 300	550 x 530
IP-804030-T33	800 x 400 x 300	750 x 330
IP-806030-T33	800 x 600 x 300	750 x 530

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Mounted Electrical Enclosures

Marine Grade Aluminium | Powder Coated

SINGLE DOOR | IP66

Powder coated marine grade aluminium single door enclosures are available in T33 Smoke Blue (Smooth Finish) suitable for infrastructure and road/traffic management projects.

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Features & Specifications

Powder coated marine grade aluminium single door enclosures are available in T33 Smoke Blue (Smooth Finish) suitable for infrastructure and road/traffic management projects.

Protection: IP66

Standard: IEC62208, IEC/EN/AS60529, RoHS

Material:
- Body: Marine Grade Aluminium 5754-H111
- Gland Plate: Marine Grade Aluminium 5754-H111
- Door: Marine Grade Aluminium 5754-H111
- Device Mounting Plate: 1.5mm galvanised steel sheet
- Enclosure Seal: Polyurethane

Body: The robust monoblock body is fabricated using marine grade aluminium. 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.

Single Door: The robust surface mounted door is fabricated using marine grade aluminium 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.

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 the enclosure as standard.

Surface Treatment: UL approved epoxy polyester powder coated with a smooth finish. 80-120 micron average thickness.

Colour: T33 Smoke Blue (Smooth Finish)

Part Number	Enclosure Size	Device Plate
Standard	H x W x D (mm)	H x W (mm)
IP-A302015-T33	300 x 200 x 150	250 x 130
IP-A302515-T33	300 x 250 x 150	250 x 180
IP-A303015-T33	300 x 300 x 150	250 x 230
IP-A303020-T33	300 x 300 x 200	250 x 230
IP-A403020-T33	400 x 300 x 200	350 x 230
IP-A404020-T33	400 x 400 x 200	350 x 330
IP-A505025-T33	500 x 500 x 250	450 x 430
IP-A604020-T33	600 x 400 x 200	550 x 330
IP-A604030-T33	600 x 400 x 300	550 x 330
IP-A606020-T33	600 x 600 x 200	550 x 530
IP-A606030-T33	600 x 600 x 300	550 x 530
IP-A804030-T33	800 x 400 x 300	750 x 330
IP-A806030-T33	800 x 600 x 300	750 x 530

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Mounted Infrastructure Field Cabinets   **FC**
Steel | Powder Coated

SINGLE DOOR | IP66

Pole-mounted field cabinets house sensitive data network and electrical equipment for heavy duty outdoor applications including road/traffic management and intelligent transport systems.

Features & Specifications

Pole-Mounted infrastructure field cabinets are designed to house sensitive data network and electrical equipment for a variety of outdoor applications.

Protection: IP66 (Non-Ventilated range); IP55 (Ventilated Range)

Standard: IEC62208, IEC/EN/AS60529, EIA-310-D, RoHS

Material:
- Body: 1.5mm galvanised steel sheet
- Door: 2.0mm galvanised steel sheet
- 19" Data Rack Rails: 1.5mm galvanised steel sheet
  (IP-706032-T33 & IP-706032-0-T33 only)
- Enclosure Seal: Polyurethane

Body: The robust monoblock body is fabricated using 1.5mm galvanised steel sheet. Flat face sealing surfaces increase seal life. Pre-fitted blind nutserts are incorporated to accommodate pole mount bracket to eliminate drilling and retain IP rating. Integral device plate mounts and M6 earth stud are included. Fan/filter cutouts and hinged vent hoods are provided as standard. Non-ventilated option is also available. (Fans and filters are ordered separately).

Door: The front door is fabricated using 2.0mm galvanised steel sheet and is designed to provide flush recessed mounting to prevent vandalism and unauthorised access. The door incorporates concealed removable hinges with captive pins. It is hinged on the left side and is provided with a heavy duty door stay. An A4 plan pocket is provided.

19″ Data Rack Rails: Front and rear 19″ data rack rails are fabricated from 1.5mm galvanised steel sheet.

Door Seals: Polyurethane foamed in place (FIP) full perimeter door seals provide excellent sealing over a long life. Temperature resistance: -40°C to 80°C.

Locks: 3 point locking system with key-lock swing handle.

Surface Treatment: UL approved epoxy polyester powder coated with a smooth finish. 80-120 micron average thickness. Colour T33 Smoke Blue.

Accessory: Pole Mount Bracket (One-piece, full height). Powder coated, colour T33. Refer to table for part number.

Ventilated	Non-Ventilated	Description	Pole Mount Bracket
Part Number/SKU	Part Number/SKU	U/RU H x W x D	Part Number/SKU
IP-453522-T33	IP-453522-0-T33	450H x 350W x 225D	IP-PMB45
IP-654532-T33	IP-654532-0-T33	650H x 450W x 325D	IP-PMB65
IP-706032-T33	IP-706032-0-T33	12RU x 600W x 325D	IP-PMB70

Mounted Infrastructure Field Cabinets

FCA

Marine Grade Aluminium | Powder Coated

SINGLE DOOR | IP66

Marine grade aluminium pole-mounted field cabinets house sensitive data network and electrical equipment for outdoor applications including road/traffic management and intelligent transport systems.

Features & Specifications

Marine grade aluminium pole-mounted infrastructure field cabinets are designed to house sensitive data network and electrical equipment for a variety of harsh outdoor applications.

Protection: IP66 (Non-Ventilated range); IP55 (Ventilated Range)

Standard: IEC62208, IEC/EN/AS60529, EIA-310-D, RoHS

Material:
- Body: 2.5mm Marine Grade Aluminium 5754-H111
- Door: 2.5mm Marine Grade Aluminium 5754-H111
- 19" Data Rack Rails: 1.5mm galvanised steel sheet
  (IP-A706032-T33 & IP-A706032-0-T33 only)
- Enclosure Seal: Polyurethane

Body: The robust monoblock body is fabricated using 2.5mm marine grade aluminium. Flat face sealing surfaces increase seal life. Pre-fitted blind nutserts are incorporated to accommodate pole mount bracket to eliminate drilling and retain IP rating. Integral device plate mounts and M6 earth stud are included. Fan/filter cutouts and hinged vent hoods are provided as standard. Non-ventilated option is also available. (Fans and filters are ordered separately).

Door: The front door is fabricated using 2.5mm marine grade aluminium and is designed to provide flush recessed mounting to prevent vandalism and unauthorised access. The door incorporates concealed removable hinges with captive pins. It is hinged on the left side and is provided with a heavy duty door stay. An A4 plan pocket is provided.

19" Data Rack Rails: Front and rear 19" data rack rails are fabricated from 1.5mm galvanised steel sheet.

Door Seals: Polyurethane foamed in place (FIP) full perimeter door seals provide excellent sealing over a long life. Temperature resistance: -40°C to 80°C.

Locks: 3 point locking system with key-lock swing handle.

Surface Treatment: UL approved epoxy polyester powder coated with a smooth finish. 80-120 micron average thickness. Colour T33 Smoke Blue.

Accessory: Pole Mount Bracket (One-piece, full height). Grade 304 stainless steel, powder coated, colour T33. Refer to table for part number.
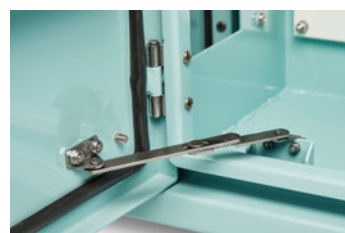
Ventilated	Non-Ventilated	Description	Pole Mount Bracket
Part Number/SKU	Part Number/SKU	U/RU H x W x D	Part Number/SKU
IP-A453522-T33	IP-A453522-0-T33	450H x 350W x 225D	IP-APMB45
IP-A654532-T33	IP-A654532-0-T33	650H x 450W x 325D	IP-APMB65
IP-A706032-T33	IP-A706032-0-T33	12RU x 600W x 325D	IP-APMB70

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Infrastructure Field Cabinets   FC-SS1

Stainless Steel Grade 316/316L (Optional 304)

SINGLE DOOR | IP66

Stainless Steel Pole-Mounted Field Cabinets are designed to house sensitive data network and electrical equipment for a variety of heavy duty outdoor applications including infrastructure, rail, road/traffic management and general industrial applications.

Features & Specifications

Stainless Steel Field Cabinets include a device mounting plate, inner door escutcheon, 3 point locking, plan pocket, cutouts and vent hoods for fans and filters, and a matte finish to prevent glare and reflection.

Protection: IP66 (Non-Ventilated range); IP55 (Ventilated Range)

Standard: IEC62208, IEC/EN/AS60529, EIA-310-D, RoHS

Material:
- Body: 1.5mm Grade 316/316L Stainless Steel – Matte Finish
- Door & Inner Door: 1.5mm Grade 316/316L Stainless Steel
  (Matte Finish outer door)
- Device Mounting Plate: 1.5mm Galvanised Steel Sheet
- Seal: Polyurethane

Body: The robust monoblock body 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 to eliminate drilling and retain IP rating. Integral device plate mounts and M6 earth studs are provided. Fan/filter cutouts and vent hoods are provided as standard. (Fans and filters are ordered separately). Matte Finish (To provide an anti-glare, non-reflective finish).

Door & Inner Door: The robust surface mounted door is fabricated using 1.5mm Grade 316/316L Stainless Steel and incorporates concealed removable hinges with captive pins. It includes an M6 earth stud and a high quality machine-applied foamed in place (FIP) Polyurethane seal. A door stay is and an A4 plan pocket are provided with the outer door. An Inner Door is provided fitted. The outer door is provided with a Matte Finish (To provide an anti-glare, non-reflective finish).

Door Seals: Polyurethane foamed in place (FIP) full perimeter door seals provide excellent sealing over a long life. Temperature resistance: -40°C to 80°C.

Locks: The outer door includes a 3 point locking system with key-lock swing handle. The inner door includes a standard grade 316 stainless steel 8mm square quarter turn lock.

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.

Ventilated	Non-Ventilated	Description
Part Number/SKU	**Part Number/SKU**	**H x W x D**
IP-SSFC603032	IP-SSFC603032-0	600H x 300W x 325D
IP-SSFC605032	IP-SSFC605032-0	600H x 500W x 325D
IP-SSFC805032	IP-SSFC805032-0	800H x 500W x 325D

Infrastructure & ITS Field Cabinets

Steel | Powder Coated

FRONT & REAR DOORS | IP66

Plinth-mounted field cabinets house sensitive data network and electrical equipment for heavy duty outdoor applications including road/traffic management and intelligent transport systems.

Features & Specifications

Infrastructure field cabinets are designed to house sensitive data network and electrical equipment for a variety of outdoor applications.

Protection: IP66 (Non-Ventilated range); IP55 (Ventilated Range)

Standard: IEC62208, IEC/EN/AS60529, EIA-310-D, RoHS

Material:
– Body and Plinth: 2.0mm galvanised steel sheet
– Doors: 2.0mm galvanised steel sheet
– 19" Data Rack Rails: 1.5mm galvanised steel sheet
– Gland Plate: 3.0mm aluminium
– Enclosure Seal: Polyurethane

Body: The robust monoblock body is fabricated using 2.0mm galvanised steel. The body is fitted with rain hood/sunshield, plinth, vent hoods and 4 x lifting eye bolts. Flat face sealing surfaces are provided to increase seal life. A split gland plate is incorporated into the base. Four cutouts 125mm x 125mm are provided to house fans and filters and each are covered with removable vent hoods.

Doors: The front and rear doors are fabricated using 2.0mm galvanised steel sheet and are designed to provide flush recessed mounting to prevent vandalism and unauthorised access. The doors incorporate concealed removable hinges with captive pins. They are provided with heavy duty door stays.

19″ Data Rack Rails: Front and rear 19″ data rack rails are fabricated from 1.5mm galvanised steel sheet.

Door Seals: Polyurethane foamed in place (FIP) full perimeter door seals provide excellent sealing over a long life. Temperature resistance: -40°C to 80°C.

Locks: Each door includes a 3 point locking system with key-lock swing handle.

Gland Plate: 3mm aluminium split gland plates are incorporated into the base.

Surface Treatment: UL approved epoxy polyester powder coated with a smooth finish. 80-120 micron average thickness. Colour T33 Smoke Blue.

Ventilated	Non-Ventilated	Description
Part Number/SKU	Part Number/SKU	U/RU H x W x D
IP-1077562-T33	IP-1077562-0-T33	18RU 1075H x 750W x 620D
IP-1077580-T33	IP-1077580-0-T33	18RU 1075H x 750W x 800D
IP-1377562-T33	IP-1377562-0-T33	24RU 1375H x 750W x 620D
IP-1377580-T33	IP-1377580-0-T33	24RU 1375H x 750W x 800D
IP-1677562-T33	IP-1677562-0-T33	30RU 1675H x 750W x 620D
IP-1677580-T33	IP-1677580-0-T33	30RU 1675H x 750W x 800D
IP-1977562-T33	IP-1977562-0-T33	36RU 1975H x 750W x 620D
IP-1977580-T33	IP-1977580-0-T33	36RU 1975H x 750W x 800D
IP-2277562-T33	IP-2277562-0-T33	42RU 2275H x 750W x 620D
IP-2277580-T33	IP-2277580-0-T33	42RU 2275H x 750W x 800D

Infrastructure & ITS Field Cabinets

Steel | Powder Coated

SINGLE & DOUBLE BAY with FRONT, REAR & SIDE DOORS | IP66

IP Enclosures infrastructure and ITS field cabinets are available in single bay with side doors, and double bay with side doors, ventilated and non-ventilated.

Features & Specifications

IP Enclosures Infrastructure and ITS field cabinets are available in single bay with side doors and double bay with side doors, ventilated and non-ventilated.

SINGLE BAY with FRONT, REAR & SIDE DOORS

Protection: IP66 (Non-Ventilated range); IP55 (Ventilated Range)

Standard: IEC62208, IEC/EN/AS60529, EIA-310-D, RoHS

Material:
– Body and Plinth: 2.0mm galvanised steel sheet
– Doors: 2.0mm galvanised steel sheet
– 19" Data Rack Rails: 1.5mm galvanised steel sheet
– Gland Plate: 3.0mm aluminium
– Enclosure Seal: Polyurethane

Specifications are generally as per standard front & rear door unit, except:

- 900mm wide
- Side door included
- 3 x Sliding shelves included
- 1 x Fixed shelf included

Ventilated	Non-Ventilated	Description
Part Number/SKU	Part Number/SKU	U/RU H x W x D
IP-1409062-T33	IP-1409062-0-T33	24RU 1400H x 900W x 620D (with Side Door)
IP-1709062-T33	IP-1709062-0-T33	30RU 1700H x 900W x 620D (with Side Door)
IP-2009062-T33	IP-2009062-0-T33	37RU 2000H x 900W x 620D (with Side Door)

DOUBLE BAY with 2 x SIDE DOORS

Protection: IP66 (Non-Ventilated range); IP55 (Ventilated Range)

Standard: IEC62208, IEC/EN/AS60529, EIA-310-D, RoHS

Materials and specifications are generally as per standard front & rear door unit, except:

- 1800mm wide
- Double bay (2 x 19" Racks)
- 2 x Side doors included
- 6 x Sliding shelves included (3 per bay)
- 2 x Fixed shelf included (1 per bay)

Ventilated	Non-Ventilated	Description
Part Number/SKU	Part Number/SKU	U/RU H x W x D
IP-14018062-T33	IP-14018062-0-T33	24RU 1400H x 1800W x 620D (Double Bay, 2 Side Doors)
IP-17018062-T33	IP-17018062-0-T33	30RU 1700H x 1800W x 620D (Double Bay, 2 Side Doors)
IP-20018062-T33	IP-20018062-0-T33	37RU 2000H x 1800W x 620D (Double Bay, 2 Side Doors)

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Infrastructure & ITS Field Cabinets

Marine Grade Aluminium | Powder Coated

FCA

FRONT & REAR DOORS | IP66

Marine grade aluminium plinth-mounted field cabinets house sensitive data network and electrical equipment for heavy duty outdoor applications including road/traffic management and intelligent transport systems.

Features & Specifications

Marine grade aluminium infrastructure field cabinets are designed to house sensitive data network and electrical equipment for a variety of outdoor applications.

Protection: IP66 (Non-Ventilated range); IP55 (Ventilated Range)

Standard: IEC62208, IEC/EN/AS60529, EIA-310-D, RoHS

Material:
– Body and Plinth: 2.5mm Marine Grade Aluminium 5754-H111
– Doors: 2.5mm Marine Grade Aluminium 5754-H111
– 19" Data Rack Rails: 1.5mm galvanised steel sheet
– Gland Plate: 3.0mm Aluminium
– Enclosure Seal: Polyurethane

Body: The robust monoblock body is fabricated using 2.5mm marine grade aluminium. The body is fitted with rain hood/sunshield, plinth, vent hoods and 4 x lifting eye bolts. Flat face sealing surfaces are provided to increase seal life. A split gland plate is also incorporated into the base. Four cutouts 125mm x 125mm are provided to house fans and filters and each are covered with removable vent hoods.

Doors: The front and rear doors are fabricated using 2.5mm marine grade aluminium and are designed to provide flush recessed mounting to prevent vandalism and unauthorised access. The doors incorporate concealed removable hinges with captive pins. They are provided with heavy duty door stays.

19″ Data Rack Rails: Front and rear 19″ data rack rails are fabricated from 1.5mm galvanised steel sheet.

Door Seals: Polyurethane foamed in place. Temperature resistance: -40°C to 80°C.

Locks: Each door includes a 3 point locking system with key-lock swing handle.

Gland Plate: 3mm aluminium split gland plates are incorporated into the base.

Surface Treatment: UL approved epoxy polyester powder coated with a smooth finish. 80-120 micron average thickness. Colour T33 Smoke Blue.

Ventilated	Non-Ventilated	Description
Part Number/SKU	**Part Number/SKU**	**U/RU H x W x D**
IP-A1077562-T33	IP-A1077562-0-T33	18RU 1075H x 750W x 620D
IP-A1077580-T33	IP-A1077580-0-T33	18RU 1075H x 750W x 800D
IP-A1377562-T33	IP-A1377562-0-T33	24RU 1375H x 750W x 620D
IP-A1377580-T33	IP-A1377580-0-T33	24RU 1375H x 750W x 800D
IP-A1677562-T33	IP-A1677562-0-T33	30RU 1675H x 750W x 620D
IP-A1677580-T33	IP-A1677580-0-T33	30RU 1675H x 750W x 800D
IP-A1977562-T33	IP-A1977562-0-T33	36RU 1975H x 750W x 620D
IP-A1977580-T33	IP-A1977580-0-T33	36RU 1975H x 750W x 800D
IP-A2277562-T33	IP-A2277562-0-T33	42RU 2275H x 750W x 620D
IP-A2277580-T33	IP-A2277580-0-T33	42RU 2275H x 750W x 800D

Infrastructure & ITS Field Cabinets   FCA

Marine Grade Aluminium | Powder Coated

SINGLE & DOUBLE BAY with FRONT, REAR & SIDE DOORS | IP66

Marine grade aluminium infrastructure and ITS field cabinets are available in single bay with side doors, and double bay with side doors, ventilated and non-ventilated.

Features & Specifications

Marine grade aluminium infrastructure and ITS field cabinets are available in single bay with side doors and double bay with side doors, ventilated and non-ventilated.

SINGLE BAY with FRONT, REAR & SIDE DOORS

Protection: IP66 (Non-Ventilated range); IP55 (Ventilated Range)

Standard: IEC62208, IEC/EN/AS60529, EIA-310-D, RoHS

Material:
– Body and Plinth: 2.5mm Marine Grade Aluminium 5754-H111
– Doors: 2.5mm Marine Grade Aluminium 5754-H111
– 19" Data Rack Rails: 1.5mm galvanised steel sheet
– Gland Plate: 3.0mm Aluminium
– Enclosure Seal: Polyurethane

Specifications are generally as per standard front & rear door unit, except:

- 900mm wide
- Side door included
- 3 x Sliding shelves included
- 1 x Fixed shelf included

Ventilated	Non-Ventilated	Description
Part Number/SKU	Part Number/SKU	U/RU H x W x D
IP-A1409062-T33	IP-A1409062-0-T33	24RU 1400H x 900W x 620D (with Side Door)
IP-A1709062-T33	IP-A1709062-0-T33	30RU 1700H x 900W x 620D (with Side Door)
IP-A2009062-T33	IP-A2009062-0-T33	37RU 2000H x 900W x 620D (with Side Door)

DOUBLE BAY with 2 x SIDE DOORS

Protection: IP66 (Non-Ventilated range); IP55 (Ventilated Range)

Standard: IEC62208, IEC/EN/AS60529, EIA-310-D, RoHS

Materials and specifications are generally as per standard front & rear door unit, except:

- 1800mm wide
- Double bay (2 x 19" Racks)
- 2 x Side doors included
- 6 x Sliding shelves included (3 per bay)
- 2 x Fixed shelf included (1 per bay)

Ventilated	Non-Ventilated	Description
Part Number/SKU	Part Number/SKU	U/RU H x W x D
IP-A14018062-T33	IP-A14018062-0-T33	24RU 1400H x 1800W x 620D (Double Bay, 2 Side Doors)
IP-A17018062-T33	IP-A17018062-0-T33	30RU 1700H x 1800W x 620D (Double Bay, 2 Side Doors)
IP-A20018062-T33	IP-A20018062-0-T33	37RU 2000H x 1800W x 620D (Double Bay, 2 Side Doors)

Infrastructure Field Cabinet - Accessories

IP Enclosures provide a range of standard accessories for infrastructure field cabinets including fixed shelves and sliding shelves.

Features & Specifications

Fixed Shelf Kits

Fixed shelf kits have many uses and can be used for component storage and battery storage. Shelves are ventilated. They are provided with fasteners and can be easily fitted without drilling.

Material: Galvanised steel sheet.

Surface Treatment: UL approved epoxy polyester powder coated with a textured finish. 80-120 micron average thickness. Colour RAL7035.

Part Number/SKU	Description
IP-FCSHL7562	Light Duty Shelf to suit 750W x 620D Field Cabinet
IP-FCSHH7562	Heavy Duty Shelf to suit 750W x 620D (250kg max. load)
IP-FCSHH7580	Heavy Duty Shelf to suit 750W x 800D (250kg max. load)
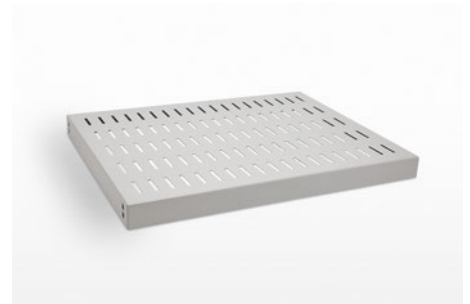
Sliding Shelf Kits (Laptop Drawers)

Sliding shelf kits (Laptop drawer kits) are provided assembled complete with 4 screws for fast and easy fitting without drilling.

Material: Galvanised steel sheet.

Surface Treatment: UL approved epoxy polyester powder coated with a textured finish. 80-120 micron average thickness. Colour RAL7035.

Part Number/SKU	Description
IP-FCDRAWER	Laptop Drawer to suit 750W x 620D Field Cabinet
IP-FCDRAWER800	Laptop Drawer to suit 750W x 800D Field Cabinet

General Accessories

Device mounting plates, document storage pockets and cage nuts:

Part Number/SKU	Description
IP-12RUDP	12RU Rack Mounted Device Mounting Plate
IP-18RUDP	18RU Rack Mounted Device Mounting Plate
IP-13762DP	Device Plate for 1375H x 620D Field Cabinet (Side Mount)
IP-16762DP	Device Plate for 1675H x 620D Field Cabinet (Side Mount)
IP-19762DP	Device Plate for 1975H x 620D Field Cabinet (Side Mount)
IP-FCPPA3-T33	A4 Document Storage Pocket
IP-M6SCREW-CAGENUT	M6 Cage Nut & Screw (Pack of 50)

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Enclosure Combinations
Double Wall Solutions

Double wall data racks and electrical enclosures are available using combinations of our standard off-the-shelf products and accessories to keep the internal temperature cool outdoor in direct sunlight.

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Combinations

The IP Enclosures range of product is a modular system of enclosures and accessories which enables combinations of enclosures to be fitted together with ease.

There are four main combinations. Each combination is available in several sizes of steel, aluminium and stainless steel. Standard combinations are available and provided assembled with plinths and vented roofs to provide a complete double wall solution.
Ventilation is optional.

Plinth
Plinths are available in a wide range of sizes to enable wall-mounted electrical enclosures to be floor mounted..

Vented Roof
Vented Roofs are easily fitted to wall-mounted enclosures to assist with ventilation to keep internal temperatures cool.

CONFIGURATION 1

OUTER   INNER
Enclosure   +   Enclosure

Configuration 1 is a standard IP66 electrical enclosure, housing a standard IP66 electrical enclosure. The outer and inner enclosures can be various sizes and the inner enclosure can be mounted centrally or in the upper or lower portion of the outer enclosure to suit equipment layout requirements. Ventilation is optional.

CONFIGURATION 2

OUTER   INNER
Enclosure   +   19" Data Rack

Configuration 2 is a standard IP66 electrical enclosure, housing an IP66 19" data rack. The outer enclosure and inner 19" data rack can be various sizes. The data rack is typically 600mm wide and can be mounted centrally or in the upper or lower portion of the outer enclosure to suit equipment layout requirements. Ventilation is optional.

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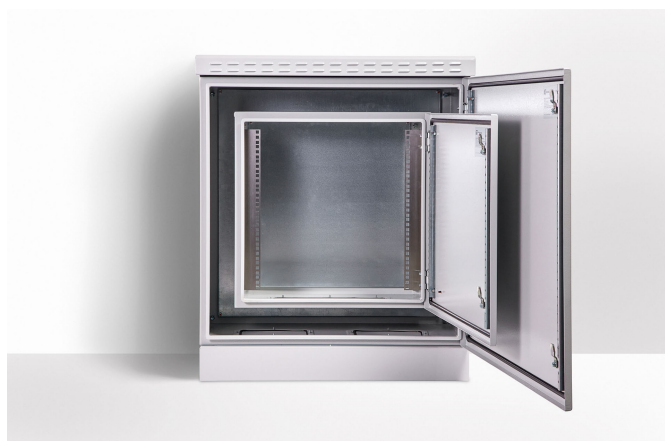
Combinations

CONFIGURATION 3

OUTER
19" Data Rack   +

INNER
Enclosure

Configuration 3 is a standard IP66 19" data rack,
housing a standard IP66 electrical enclosure.
The outer data rack can be various sizes.
The inner enclosure is 400mm wide and is available in
various heights and depths. Ventilation is optional.

Rack Mount Enclosure Bracket
IP-RACKBRACKET4025-SET
Rack mount enclosure bracket sets are designed to
mount electrical enclosures into 19" racks without drilling.
Each set is provided with two brackets and fasteners.
Suitable for: 400W x 200D and 400W x 250D enclosures.

CONFIGURATION 4

OUTER
19" Data Rack   +

INNER
Enclosure with DB Kit

Configuration 4 is a standard IP66 19" data rack,
housing a standard IP66 electrical enclosure with a
standard distribution board kit fitted. The outer data rack
can be various sizes. The inner enclosure is 400mm wide
and the DB Kit is available in various sizes. Ventilation is
optional.

DB Kits
IP-DB12 - 12 pole (1 row of 12)
IP-DB24 - 24 pole (2 rows of 12)
IP-DB36 - 36 pole (3 rows of 12)
IP-DBFILLER - 10 Pole Filler

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Combinations

Standard Combinations

Other sizes and combinations available upon request.

Configuration	Outer Enclosure	Inner Enclosure / DB	Part Number	
Type	H/RU x W x D (mm)	H/RU x W x D (mm)	STEEL	ALUMINIUM
1	800 x 800 x 400	600 x 600 x 300	IP-808040606030-KIT	IP-A808040606030-KIT
1	1200 x 800 x 400	600 x 600 x 300	IP-1208040606030-KIT	IP-A1208040606030-KIT
1	1200 x 800 x 400	1000 x 600 x 300	IP-12080401006030-KIT	IP-A12080401006030-KIT
1	1400 x 800 x 400	600 x 600 x 300	IP-1408040606030-KIT	IP-A1408040606030-KIT
1	1400 x 800 x 400	1000 x 600 x 300	IP-14080401006030-KIT	IP-A14080401006030-KIT
1	1400 x 800 x 400	1200 x 600 x 300	IP-14080401206030-KIT	IP-A14080401206030-KIT
1	1600 x 800 x 400	600 x 600 x 300	IP-1608040606030-KIT	IP-A1608040606030-KIT
1	1600 x 800 x 400	1000 x 600 x 300	IP-16080401006030-KIT	IP-A16080401006030-KIT
1	1600 x 800 x 400	1200 x 600 x 300	IP-16080401206030-KIT	IP-A16080401206030-KIT
2	800 x 800 x 400	6RU x 300D	IP-8080406RU-KIT	IP-A8080406RU-KIT
2	800 x 800 x 400	12RU x 300D	IP-80804012RU-KIT	IP-A80804012RU-KIT
2	1200 x 800 x 400	6RU x 300D	IP-12080406RU-KIT	IP-A12080406RU-KIT
2	1200 x 800 x 400	12RU x 300D	IP-120804012RU-KIT	IP-A120804012RU-KIT
2	1400 x 800 x 400	6RU x 300D	IP-14080406RU-KIT	IP-A14080406RU-KIT
2	1400 x 800 x 400	12RU x 300D	IP-140804012RU-KIT	IP-A140804012RU-KIT
2	1600 x 800 x 400	6RU x 300D	IP-16080406RU-KIT	IP-A16080406RU-KIT
2	1600 x 800 x 400	12RU x 300D	IP-160804012RU-KIT	IP-A160804012RU-KIT
3	16RU x 600	300 x 400 x 200	IP-SD856060304020-KIT	-
3	24RU x 600	300 x 400 x 200	IP-SD1206060304020-KIT	-
3	24RU x 800	400 x 400 x 200	IP-SD1206080404020-KIT	-
3	30RU x 800	400 x 400 x 200	IP-SD1676080404020-KIT	-
3	30RU x 800	500 x 400 x 250	IP-SD1676080504025-KIT	
3	36RU x 800	400 x 400 x 200	IP-SD1976080404020-KIT	
3	36RU x 800	500 x 400 x 250	IP-SD1976080504025-KIT	-
3	36RU x 800	600 x 400 x 250	IP-SD1976080604025-KIT	-
4	24RU x 600	12 Pole DB	IP-SD1206060DB12-KIT	-
4	24RU x 800	24 Pole DB	IP-SD1206080DB24-KIT	-
4	30RU x 800	12 Pole DB	IP-SD1676080DB12-KIT	-
4	30RU x 800	24 Pole DB	IP-SD1676080DB24-KIT	-
4	36RU x 800	12 Pole DB	IP-SD1976080DB12-KIT	-
4	36RU x 800	24 Pole DB	IP-SD1976080DB24-KIT	-

Configurations 1 and 2 are provided with a plinth and vented roof.

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Energy Storage Battery Cabinets

BC

Steel | Powder Coated

VENTILATED

A range of energy storage battery cabinets are available in standard and custom configurations. They are suitable for indoor and outdoor environments.

Features & Specifications

A range of energy storage battery cabinets are designed to house energy storage batteries within indoor and outdoor environments.

Material:
- Enclosure Body: 1.5mm galvanised steel sheet
- Enclosure Doors: 1.5mm galvanised steel sheet
- Gland Plates: 1.5mm galvanised steel sheet
- Enclosure Seal: Polyurethane

Body: The robust body is fabricated using 1.5mm galvanised steel. The body is fitted with a vented rain hood/sunshield and base. Flat face sealing surfaces are provided to increase seal life. Gland plates are incorporated into the base. Two cutouts 177mm x 177mm are provided in the cabinet roof to house 204 x 204 filter vents and/or fans IP-V3000 and IP-V3200. Louvre vents with vermin mesh are provided running the full height of each side of the cabinet to ensure the cabinet is well-ventilated.

Doors: The surface mounted doors are fabricated using 1.5mm galvanised steel sheet incorporating concealed removable hinges with captive pins. Doors are designed for a 110° opening. The lower door can be provided with an optional 4mm tempered glass viewing window.

Door Seal: A high quality full perimeter seal provides excellent sealing over a long life. It is machine applied Polyurethane foamed in place (FIP).

Locks: The upper compartment door includes two x 5mm bit quarter turn locks. The lower battery storage compartment includes a 3 point locking system with key-lock swing handle.

Gland Plate: Gland plates with seals are incorporated into the bottom face of the enclosure for cable management.

Shelves: 6 x adjustable slotted/vented heavy duty shelves are provided. Each shelf has removable battery slide rails and centre cable/component channel fitted. Each shelf is fully adjustable and rails are removable to suit battery configuration. Custom shelves are available upon request.

Surface Treatment: UL approved epoxy polyester powder coated with a textured finish. 80-120 micron average thickness. Standard Colour: RAL7035.

Part Number	Size/Description	Accessory
SKU	H x W x D (mm)	Transparent Door
IP-SHD16010080	1600* x 1000 x 860 Battery Cabinet	IP-160100WINDOOR

* 1770 including 100mm base and 70mm vented roof.

IP Enclosures®

IP69K Hygienic Electrical Enclosures
Food Beverage & Pharmaceutical

Hygienic Electrical Enclosures

Stainless Steel Grade 304

H

SLOPING ROOF | SINGLE DOOR | HYGIENIC FOOD GRADE | IP69/K

The IP Enclosures H range of IP69K hygienic food grade electrical enclosures are designed for applications within the food & beverage, pharmaceutical and other industries that require high hygienic standards.

Features & Specifications

IP69K hygienic food grade electrical enclosures are designed to prevent contamination and are suitable for the food & beverage, pharmaceutical and other industries that require high hygienic standards.

Protection: Complies with IP66 IK07, IP69K

Standard: DGUV EN1672-2, EN62208, EN/AS60529, ISO20653, UL508A EHEDG
RoHS Compliant

N° file E231227

Material:
- Body: 1.5mm Grade 304 Stainless Steel
- Door: 1.5mm Grade 304 Stainless Steel
- Device Mounting Plate: Galvanised Steel Sheet (Optional: Stainless Steel)
- Seal: Blue Silicone FDA compliant

Body: The robust monoblock body with 30°sloping roof is fabricated using 1.5mm Grade 304 Stainless Steel. It is designed to be completely smooth and without crevices and without concave angles to facilitate cleaning and avoid deposits. The body is designed to promote self draining for ease of hygienic cleaning.

Door: The door is fabricated using 1.5mm Grade 304 Stainless Steel and includes specially cast internal hinges to allow for removal of the seals. The door is designed for a 115° opening with hinges on the right hand side.

Seal: Blue silicone seal, FDA compliant for food production areas.

Lock: IP69K Stainless Steel Hygiene lock with seal. Dirt resistant and easy to clean.

Device Mounting Plate: Fabricated using galvanised steel sheet. Supplied fitted.

Floor Standing Cabinets: Cabinets marked with an asterisk "*" below are provided with a base with adjustable feet.

Accessories: Hygienic Spacer Bracket Kit. SKU: IP-HSB-KIT (Set of 4)
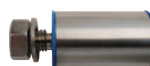
| Part Number	Enclosure Size	Overall Height	Device Plate	Locks	Mass
SKU	H x W x D (mm)	H2 (mm)	H x W (mm)	Qty	Kg
IP-H302015	300 x 200 x 150	388	245 x 145	1	7.5
IP-H453821	450 x 380 x 210	570	395 x 325	2	12.5
IP-H453830	450 x 380 x 300	622	395 x 325	1	18
IP-H603821	600 x 380 x 300	720	545 x 325	2	20.5
IP-H605021	600 x 500 x 210	720	545 x 445	2	21.5
IP-H456030	450 x 600 x 300	622	395 x 545	2	25
IP-H606021	600 x 600 x 210	720	545 x 545	2	26.5
IP-H508030	500 x 800 x 300	672	445 x 745	2	39.5
IP-H808030	800 x 800 x 300	972	745 x 745	2	47.5
IP-H1008030	1000 x 800 x 300	1172	945 x 745	3	57
IP-H1208030	1200 x 800 x 300	1372	1145 x 745	3	76
IP-H1806041*	1800 x 602 x 410	2023	1715 x 489	3 Point	88
IP-H1808051*	1800 x 802 x 510	2082	1715 x 689	3 Point	114

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IP69K Hygienic Pushbutton Enclosures   HPB

Stainless Steel Grade 304

HYGIENIC | IP66, IP69/K
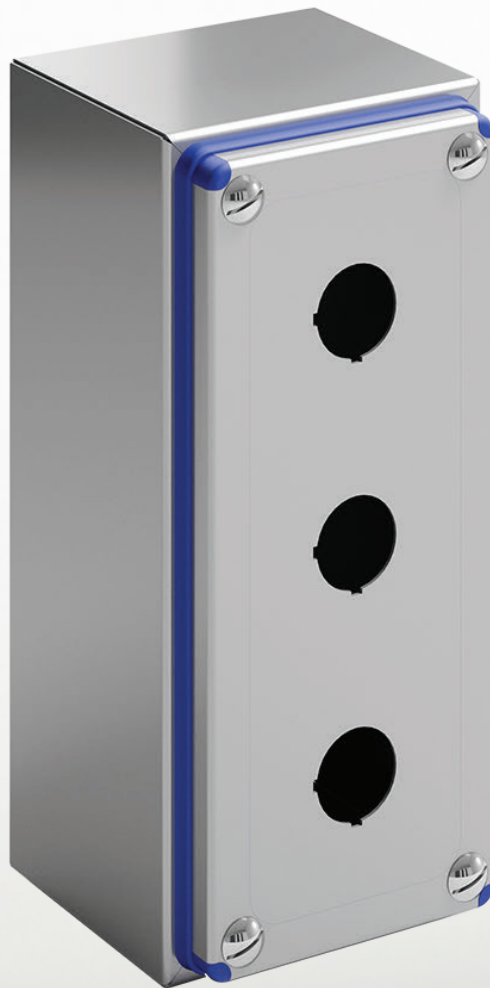
The HPB range of IP69K Hygienic Pushbutton Enclosures are designed for applications within the food & beverage, pharmaceutical and other industries that require high hygienic standards.

Features & Specifications

IP69K hygienic pushbutton enclosures are designed to prevent contamination and are suitable for the food & beverage, pharmaceutical and other industries that require high hygienic standards.

Protection: IP66 IK08, IP69K, Nema Type 1, 12, 4, 4x.

Standard: EN/AS60529, ISO20653, UL508A, RoHS Compliant

N° file E231227

Material:
- Body: 1.0mm Grade 304 Stainless Steel
- Cover: 1.0mm Grade 304 Stainless Steel
- Seal: Blue Silicone FDA compliant

Holes: Ø 22.5

Body: The body is fabricated using 1.0mm Grade 304 Stainless Steel. It is designed to be completely smooth and without crevices and without concave angles to facilitate cleaning and avoid deposits. The body is designed to promote self draining for ease of hygienic cleaning.

Cover: The cover is fabricated using 1.0mm Grade 304 Stainless Steel and includes a clip-in silicone seal.

Seal: Blue silicone seal, FDA compliant for food production areas.

Accessories: Hygienic Wall Mounting Brackets. SKU: IP-HWMB (Set of 2)

Part Number	Enclosure Size	Number of Holes	Hole Centres	Useable Depth	Mass
SKU	**H x W x D (mm)**	**Dia.22.5mm**	**mm**	**mm**	**Kg**
IP-HPB1	90 x 90 x 90	1	-	75	0.52
IP-HPB2	140 x 90 x 90	2	55	75	0.68
IP-HPB3	200 x 90 x 90	3	55	75	0.91
IP-HPB4	280 x 90 x 90	4	60	75	1.11

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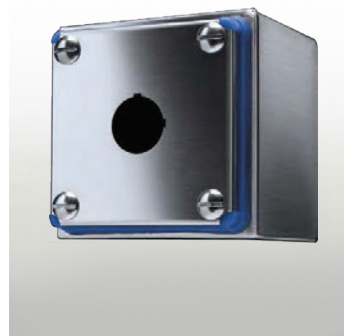
IP69K Hygienic Terminal Boxes

Stainless Steel Grade 304

HYGIENIC | IP66, IP69/K

The HTB range of IP69K Hygienic Terminal Boxes are designed for applications within the food & beverage, pharmaceutical and other industries that require high hygienic standards.

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Features & Specifications

IP69K hygienic terminal boxes are designed to prevent contamination and are suitable for the food & beverage, pharmaceutical and other industries that require high hygienic standards.

Protection: IP66 IK08, IP69K, Nema Type 1, 12, 4, 4x.

Standard: EN/AS60529, ISO20653, UL508A, RoHS Compliant

N° file E231227

Material:
- Body: 1.0 to 1.2mm Grade 304 Stainless Steel
- Cover: 1.0 to 1.2mm Grade 304 Stainless Steel
- Seal: Blue Silicone FDA compliant

Body: The body is fabricated using 1.0mm to 1.2mm Grade 304 Stainless Steel. It is designed to be completely smooth and without crevices and without concave angles to facilitate cleaning and avoid deposits. The body is designed to promote self draining for ease of hygienic cleaning.

Cover: The cover is fabricated using 1.0mm to 1.2mm Grade 304 Stainless Steel and includes a clip-in silicone seal.

Seal: FDA compliant for food production areas.

Accessories: Hygienic Wall Mounting Brackets. SKU: IP-HWMB (Set of 2)

Part Number	Enclosure Size	Useable Depth	Mass
SKU	H x W x D (mm)	mm	Kg
IP-HTB1010	100 x 100 x 100	85	0.72
IP-HTB1610	160 x 100 x 100	85	1.01
IP-HTB2010	200 x 100 x 100	85	1.21
IP-HTB1616	160 x 160 x 100	85	1.43
IP-HTB2516	250 x 160 x 100	85	2.05
IP-HTB2020	200 x 200x 100	85	2.12
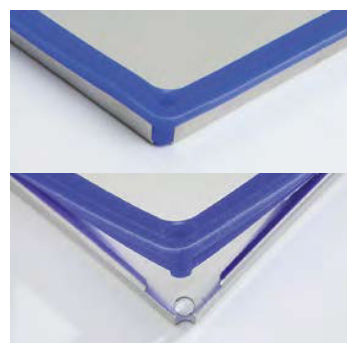
Pushbutton Enclosures
Stainless Steel Grade 316/316L

FLAT ROOF and SLOPING ROOF | IP66 | 22mm Hole

Features & Specifications

IP Enclosures SSPB range of grade 316/316L stainless steel pushbutton enclosures are suitable for extreme duty heavy industrial applications. They are available in 1 hole, 2 hole, 3 hole, 4 hole and 6 hole configurations with a flat roof or a sloping roof.

Protection: Complies with IP66

Standard: IEC/EN/AS60529, RoHS $C\epsilon$

Material:
- Body: 1.5mm Grade 316/316L Stainless Steel
- Door: 1.5mm Grade 316/316L Stainless Steel
- 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. Flat face sealing surfaces are provided to increase seal life. Integral mounting flanges with slotted mounting holes are incorporated for ease of installation.

Lid/Door: The robust screwed lid/door is fabricated using 1.5mm Grade 316/316L Stainless Steel and incorporates 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).

FLAT ROOF

Part Number	Description
Standard	Number of 22mm Holes
IP-SSPB1	1 Hole
IP-SSPB2	2 Hole
IP-SSPB3	3 Hole
IP-SSPB4	4 Hole
IP-SSPB6	6 Hole (2 Columns of 3)

SLOPING ROOF

Part Number	Description
Standard	Number of 22mm Holes
IP-SSSRPB1	1 Hole
IP-SSSRPB2	2 Hole
IP-SSSRPB3	3 Hole
IP-SSSRPB4	4 Hole
IP-SSSRPB6	6 Hole (2 Columns of 3)

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Terminal Boxes

Steel | Powder Coated

SCREWED LID | IMMERSIBLE | IP67

The IP Enclosures TB range of powder coated galvanised steel terminal boxes are designed to withstand immersion.

Features & Specifications

The IP Enclosures TB range of powder coated galvanised steel terminal boxes are designed to withstand immersion to 1.5m depth.

Protection: Complies with IP67 (Max. Depth 1.5m)

Standard: IEC/EN/AS60529, RoHS CE

Material:
- Housing: 1.5mm Galvanised Steel Sheet
- Lid/Door: 1.5mm Galvanised Steel Sheet
- Device Mounting Plate: 1.5mm Galvanised Steel Sheet
- Seal: EPDM

Housing: The robust housing is fabricated using galvanised steel sheet and incorporates a high quality EPDM seal. A device mounting plate is provided fitted. Integral mounting flanges with slotted mounting holes are incorporated for ease of installation.

Lid/Door: The robust screwed lid/door is fabricated using galvanised steel sheet and incorporates an earth stud.

Seal: High quality full perimeter EPDM seal. Temperature resistance -35°C to 130°C. (RoHS & REACH compliant)

Device Mounting Plate: Fabricated using 1.5mm galvanised steel sheet, pressed to provide additional strength and supplied pre-fitted. DIN Rail sized to suit can be supplied as an optional accessory.

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

Part Number	Size	Accessory - DIN Rail	Part Number Suffix
SKU	H x W x D (mm)	SKU	Optional Colours
IP-TB20208	200 x 200 x 80	IP-DINRAIL7.5X35-140	-T33 -BLK -OR -RED
IP-TB202012	200 x 200 x 120	IP-DINRAIL7.5X35-140	-T33 -BLK -OR -RED
IP-TB30158	300 x 150 x 80	IP-DINRAIL7.5X35-240	-T33 -BLK -OR -RED
IP-TB301512	300 x 150 x 120	IP-DINRAIL7.5X35-240	-T33 -BLK -OR -RED
IP-TB30208	300 x 200 x 80	IP-DINRAIL7.5X35-240	-T33 -BLK -OR -RED
IP-TB302012	300 x 200 x 120	IP-DINRAIL7.5X35-240	-T33 -BLK -OR -RED
IP-TB40208	400 x 200 x 80	IP-DINRAIL7.5X35-340	-T33 -BLK -OR -RED
IP-TB402012	400 x 200 x 120	IP-DINRAIL7.5X35-340	-T33 -BLK -OR -RED
IP-TB403012	400 x 300 x 120	IP-DINRAIL7.5X35-340	-T33 -BLK -OR -RED
IP-TB403015	400 x 300 x 150	IP-DINRAIL7.5X35-340	-T33 -BLK -OR -RED
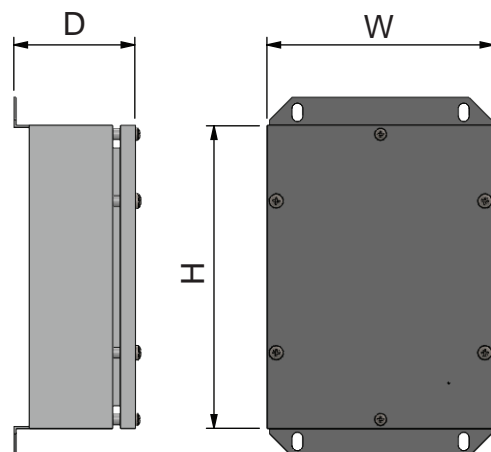
Terminal Boxes

Stainless Steel Grade 316/316L

SSTB

SCREWED LID | IMMERSIBLE | IP67

The IP Enclosures SSTB range of grade 316/316L stainless steel terminal boxes are designed to withstand immersion.

Features & Specifications

The IP Enclosures SSTB range of grade 316/316L stainless steel terminal boxes are designed to withstand immersion to 1.5m depth.

Protection: Complies with IP67 (Max. Depth 1.5m)

Standard: IEC/EN/AS60529, RoHS C E

Material:
- Housing: 1.5mm Grade 316/316L Stainless Steel
- Lid/Door: 1.5mm Grade 316/316L Stainless Steel
- Device Mounting Plate: 1.5mm Galvanised Steel Sheet
- Seal: EPDM

Surface Finish: 0.4 micron Ra surface brushed finish

Housing: The robust housing is fabricated using 1.5mm Grade 316/316L Stainless Steel and incorporates a high quality EPDM seal. A device mounting plate is provided fitted. Integral mounting flanges with slotted mounting holes are incorporated for ease of installation.

Lid/Door: The robust screwed lid/door is fabricated using 1.5mm Grade 316/316L Stainless Steel and incorporates an earth stud.

Seal: High quality full perimeter EPDM seal. Temperature resistance -35°C to 130°C. (RoHS & REACH compliant)

Device Mounting Plate: Fabricated using 1.5mm galvanised steel sheet, pressed to provide additional strength and supplied pre-fitted. DIN Rail sized to suit can be supplied as an optional accessory.

Part Number	Size	Accessory - DIN Rail
SKU	**H x W x D (mm)**	**SKU**
IP-SSTB20208	200 x 200 x 80	IP-DINRAIL7.5X35-140
IP-SSTB202012	200 x 200 x 120	IP-DINRAIL7.5X35-140
IP-SSTB30158	300 x 150 x 80	IP-DINRAIL7.5X35-240
IP-SSTB301512	300 x 150 x 120	IP-DINRAIL7.5X35-240
IP-SSTB30208	300 x 200 x 80	IP-DINRAIL7.5X35-240
IP-SSTB302012	300 x 200 x 120	IP-DINRAIL7.5X35-240
IP-SSTB40208	400 x 200 x 80	IP-DINRAIL7.5X35-340
IP-SSTB402012	400 x 200 x 120	IP-DINRAIL7.5X35-340
IP-SSTB403012	400 x 300 x 120	IP-DINRAIL7.5X35-340
IP-SSTB403015	400 x 300 x 150	IP-DINRAIL7.5X35-340

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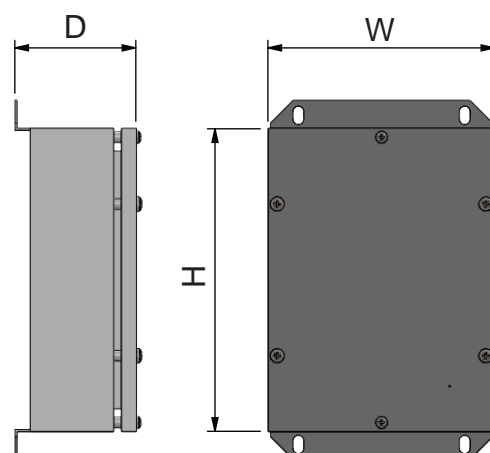
HMI Enclosures
Steel | Powder Coated

FRONT PANEL | REAR DOOR | IP66

The HMI Enclosure range is an aesthetic and ergonomic control panel system. The simplified flat front panel is designed to mount operator interfaces. Access is via a lockable rear door incorporating a device mounting plate. HMI Enclosures are designed for use with IP Enclosures Support Arm Systems. *(Touch Panel not included)*

Features & Specifications

The IP Enclosures range of IP66 HMI Enclosures are an aesthetic and ergonomic control panel system. The simplified flat front panel is designed to mount operator interfaces. Access is via a lockable rear door. HMI Enclosures are designed for use with IP Enclosures Support Arm Systems.

Protection: Complies with IP66

Standard: AS/EN/IEC60529

Material:
- Enclosure Body: 2.0mm galvanised steel sheet
- Enclosure Door: Galvanised steel sheet
- Enclosure Front Panel: Galvanised steel sheet
- Enclosure Seal: Polyurethane

Body: The robust monoblock body is fabricated using 2.0mm galvanised steel sheet. Cutting, pressing and full continuous seam welding using precision automated manufacturing equipment ensures accuracy and consistent high quality. Flat face sealing surfaces are provided to increase seal life. M6 earth studs and equipment mounting studs are provided.

Door: The robust surface mounted door is fabricated using galvanised steel sheet and incorporates concealed removable hinges with captive pins. The door is designed for a 110° opening. The door contains an integral device mounting plate and a high quality machine-applied foamed in place (FIP) Polyurethane seal.

Front Panel: The front panel is fabricated using galvanised steel sheet. It is removable via internal fasteners to cut or machine holes to mount HMI's and operator devices. Sealing is achieved via a high quality machine-applied foamed in place (FIP) Polyurethane seal.

Seals: 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: Chrome 3mm double bit insert quarter turn lock with key.

Surface Treatment: UL approved epoxy polyester powder coated with a textured finish. 80-120 micron average thickness. (RAL7035 Standard)

Steel

Part Number	Size	SKU Suffix
SKU	**H x W x D (mm)**	**Optional Colour**
IP-HMI303015	300 H x 300 W x 150 D	-BLK -OR -RED
IP-HMI304015	300 H x 400 W x 150 D	-BLK -OR -RED
IP-HMI304025	300 H x 400 W x 250 D	-BLK -OR -RED
IP-HMI354515	350 H x 450 W x 150 D	-BLK -OR -RED
IP-HMI354525	350 H x 450 W x 250 D	-BLK -OR -RED
IP-HMI406015	400 H x 600 W x 150 D	-BLK -OR -RED
IP-HMI406025	400 H x 600 W x 250 D	-BLK -OR -RED
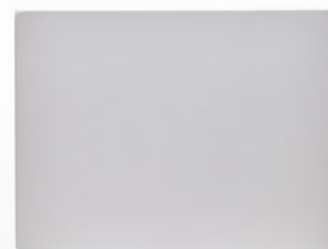
Front View

Rear View

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HMI Enclosures
316 Stainless Steel

FRONT PANEL | REAR DOOR | IP66

The stainless steel HMI Enclosure range is an aesthetic and ergonomic control panel system. The simplified flat front panel is designed to mount operator interfaces. Access is via a lockable rear door incorporating a device mounting plate.
(Touch Panel not included)

Features & Specifications

The IP Enclosures range of IP66 stainless steel HMI Enclosures are an aesthetic and ergonomic control panel system. The simplified flat front panel is designed to mount operator interfaces. Access is via a lockable rear door. HMI Enclosures are designed for use with IP Enclosures Support Arm Systems.

Protection: Complies with IP66

Standard: AS/EN/IEC60529

Material:
- Enclosure Body: Grade 316/316L Stainless Steel
- Enclosure Door: Grade 316/316L Stainless Steel
- Enclosure Front Panel: Grade 316/316L Stainless Steel
- Enclosure Seal: Polyurethane

Body: The robust monoblock body is fabricated using 2.0mm grade 316 stainless steel. Cutting, pressing and full continuous seam welding using precision automated manufacturing equipment ensures accuracy and consistent high quality. Flat face sealing surfaces are provided to increase seal life. M6 earth studs and equipment mounting studs are provided.

Door: The robust surface mounted door is fabricated using grade 316 stainless steel and incorporates concealed removable hinges with captive pins. The door is designed for a 110° opening. The door contains an integral device mounting plate and a high quality machine-applied foamed in place (FIP) Polyurethane seal.

Front Panel: The front panel is fabricated using grade 316 stainless steel. It is removable via internal fasteners to cut or machine holes to mount HMI's and operator devices. Sealing is achieved via a high quality machine-applied foamed in place (FIP) Polyurethane seal.

Seals: 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 bit insert quarter turn lock with key.

Part Number	Size
SKU	**H x W x D (mm)**
IP-SSHMI303015	300 H x 300 W x 150 D
IP-SSHMI304015	300 H x 400 W x 150 D
IP-SSHMI304025	300 H x 400 W x 250 D
IP-SSHMI354515	350 H x 450 W x 150 D
IP-SSHMI354525	350 H x 450 W x 250 D
IP-SSHMI406015	400 H x 600 W x 150 D
IP-SSHMI406025	400 H x 600 W x 250 D

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Accessories
Support Arm Systems

Support arm systems enable safe operator access to HMI's and enable strategic positioning of visual display outputs.

IP Enclosures provide support arm systems for HMI enclosures designed for ease of assembly and operator accessibility. Support arms enable safe operator access to HMI's and enable strategic positioning of visual display outputs.

IP-045 – Light Duty Support Arm System

Designed for light loads and short spans. It has a modular structure and modern design. Consists of a wide range of components for for various configurations. It has a carrying capacity of 40kg for a 1m profile length.

IP-045-L*
45mm x 72mm Support Profile
*L=250mm, 500mm or 750mm

IP-045-800
Wall Socket
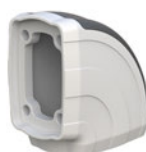
IP-045-420
90° Angle

IP-045-500
Rotating Intermediate Hinge
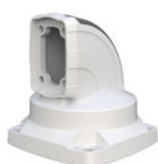
IP-045-600
Rotating Top Mounted 90°

IP-045-700
Rotating Wall-Mounted Horizontal

IP-045-400
Rotating Panel 90° Coupling

IP-045-830
Rotating Panel Adaptor Vertical

IP-060 – Medium Duty Support Arm System

Designed for medium loads and long spans. It has a modular structure and modern design. Consists of a wide range of components for various configurations. It has a carrying capacity of 60kg for a 1m profile length. It is suitable for VESA Mounting also known as VESA Mounting Interface Standard or Flat Display Mounting Interface (FDMI) for mounting monitors.

IP-060-L**
53mm x 85mm Support Profile
**L=500mm, 1000mm or 1500mm

IP-060-800
Wall Socket

IP-060-420
90° Angle

IP-060-500
Rotating Intermediate Hinge

IP-060-600
Rotating Top Mounted 90°

IP-060-710
Rotating Wall Mounted 90°

IP-060-700
Rotating Wall-Mounted Horizontal

IP-060-610
Rotating Top Mounted Vertical

IP-060-400
Rotating Panel 90° Coupling

IP-060-843
Tilting Enclosure Adaptor

IP-060-835
Tilting Enclosure Adaptor

IP-060-836
Tilting VESA Adaptor

Note: For details on the full range of profile and fittings, contact IP Enclosures.

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GRP Electrical Enclosures

Glass-Fibre Reinforced Polyester

SINGLE DOOR | IP65, IP66

The P1 range of GRP electrical enclosures are corrosion resistant, providing protection against corrosion in coastal environments and installations prone to exposure to chemicals and solvents.

Features & Specifications

The P1 range of GRP electrical enclosures are designed to house electrical switch and control equipment in harsh environments that require high levels of corrosion resistance.

Protection: IP65 to IP66 (Refer to table)

Standard: IEC62208, IEC/EN/AS60529

Basic Parameters:
- Temperature Operating Conditions: -50°C to 85°C
- Flammability Category: V0
- Protection Class: II
- Impact Resistance: IK10
- Halogen-Free Materials

Material:
- Body: Glass-Fibre Reinforced Polyester (GRP)
- Door: Glass-Fibre Reinforced Polyester (GRP)
- Device Mounting Plate: Polyester (Optional: Steel)
- Seal: Polyurethane

Body: The robust body is manufactured from Glass-Fibre Reinforced Polyester (GRP). Pre-fitted encapsulated nuts are incorporated to accommodate mounting to eliminate drilling and retain IP rating. Integral device plate mounts are also provided.

Door: The door is manufactured from Glass-Fibre Reinforced Polyester (GRP). It incorporates concealed removable hinges and is designed to be reversible (left or right hand opening). A transparent door with window is also available.

Seal: Polyurethane.

Lock: The IP65 model is fitted with two quarter turn locks. The IP66 model is fitted with up to 4-point locking.

Device Mounting Plate: A polyester device mounting plate is provided pre-fitted. (Optional steel device mounting plates are available).

Colour: RAL7035

Benefits of GRP

SMC (Sheet Molding Compound) is a composite of unsaturated polyester resin reinforced with glass fiber (12-50 mm long) as well as mineral filler and other additives. In addition to basic components such as polyester resin, fibre-glass and filler, SMC contains various additives in the form of thickeners, anti-adhesive agents and flame retardants.

- Very good mechanical properties
- Resistance to high temperature
- Fire-resistance (self-extinguishing plastic)
- High resistance to low temperatures
- Resistance to weather conditions (UV)
- High insulation
- Easy machining (for holes and cutouts)
- Very good anti-corrosion properties
- Lightweight construction

GRP ENCLOSURES | Screwed/Keyed | IP66

Part Number	Enclosure Size	Mounting Plate	Lock Type	Mount Type	Accessories
SKU	H x W x D (mm)	H x W (mm)	Keyed/Screwed	Pole Mount	Steel Mount Plate
IP-GRP303010	306H x 284W x 115D	270 x 230	Keyed	Standard	IP-GRPSMP3030
IP-GRP303010-B	306H x 284W x 115D	270 x 230	Keyed	Pole-Mount*	IP-GRPSMP3030
IP-GRP303010-S	306H x 284W x 115D	270 x 230	Screwed	Standard	IP-GRPSMP3030
IP-GRP303010-SB	306H x 284W x 115D	270 x 230	Screwed	Pole-Mount*	IP-GRPSMP3030

Items marked with an asterisk "*" are provided with pole mount attachment molded into rear of enclosure.

GRP ENCLOSURES | 2 x Quarter Turn Locks | IP65

Part Number	Enclosure Size	Mounting Plate	Accessories		
SKU	H x W x D (mm)	H x W (mm)	Steel Mount Plate	Inner Door	DB Kit
IP-GRP404020	405H x 411W x 211D	350 x 340	IP-GRPSMP4040	-	IP-GRPDB4040
IP-GRP504020	505H x 411W x 211D	450 x 440	IP-GRPSMP5040	-	IP-GRPDB5040
IP-GRP604020	605H x 411W x 211D	550 x 540	IP-GRPSMP6040	-	IP-GRPDB6040
IP-GRP604025	618H x 438W x 251D	550 x 360	IP-GRPSDP6040	IP-GRPID6040	IP-GRPDB604025
IP-GRP806030	816H x 616W x 323D	740 x 530	IP-GRPSDP8060	IP-GRPID8060	IP-GRPDB806030
IP-GRP1008530	1004H x 850W x 323D	925 x 755	IP-GRPSDP10085	IP-GRPID10085	IP-GRPDB1008530

GRP ENCLOSURES | Swing Handle up to 4 Point Locking | IP66

Part Number	Enclosure Size	Mounting Plate	Accessories		
SKU	H x W x D (mm)	H x W (mm)	Steel Mount Plate	Inner Door	DB Kit
IP-GRP404020-H	405H x 411W x 211D	350 x 340	IP-GRPSMP4040	-	IP-GRPDB4040
IP-GRP504020-H	505H x 411W x 211D	450 x 440	IP-GRPSMP5040	-	IP-GRPDB5040
IP-GRP604020-H	605H x 411W x 211D	550 x 540	IP-GRPSMP6040	-	IP-GRPDB6040
IP-GRP604025-H	618H x 438W x 251D	550 x 360	IP-GRPSDP6040	IP-GRPID6040	IP-GRPDB604025
IP-GRP806030-H	816H x 616W x 323D	740 x 530	IP-GRPSDP8060	IP-GRPID8060	IP-GRPDB806030
IP-GRP1008530-H	1004H x 850W x 323D	925 x 755	IP-GRPSDP10085	IP-GRPID10085	IP-GRPDB1008530

GRP ENCLOSURES with WINDOW | 2 x Quarter Turn Locks | IP65

Part Number	Enclosure Size	Mounting Plate	Accessories		
SKU	H x W x D (mm)	H x W (mm)	Steel Mount Plate	Inner Door	DB Kit
IP-GRP604025-T	618H x 438W x 251D	550 x 360	IP-GRPSDP6040	IP-GRPID6040	IP-GRPDB604025
IP-GRP806030-T	816H x 616W x 323D	740 x 530	IP-GRPSDP8060	IP-GRPID8060	IP-GRPDB806030

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POLE MOUNT BRACKET for GRP ENCLOSURES

Type of Enclosure	Pole Mount Bracket
IP-GRP3030B/SB	IP-9126001*
IP-GRP604025	IP-GRPUN20K3
IP-GRP806030	IP-GRPUN30K3
IP-GRP1008530	IP-GRPUPN20K3
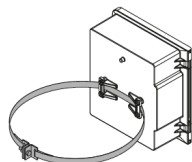
IP-GRP9126001
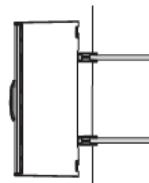
IP-GRPPUN20K3
IP-GRPPUN30K3
IP-GRPPUPN20K3
(Quantity 2 per set)

REAR COVER CAPS

Type of Enclosure	Rear Cover Caps
IP-GRP6040	IP-GRPZHTF46
IP-GRP8060	IP-GRPZHTF68
IP-GRP10085	IP-GRPZHTF68

PRESSURE VALVE & DRAIN

Part Number	Description
IP-GRPDA084	IP55 Pressure Compensation Valve
IP-GRPDA284	IP66 Pressure Compensation Valve
IP-GRPDD084	Condensate Drain

WALL MOUNT BRACKETS

Part Number	Description
IP-GRPUMOK3	Mounting Feet - Set of 4

(Quantity 4 per set)

DOOR STAY

Part Number	Description
IP-GRPBDH1	Door Stay for GRP Electrical Enclosure

BASES & PEDESTAL

Type of Enclosure	TYPE 1		TYPE 2		TYPE 3	
SKU	B1 (mm)	SKU	B1 (mm)	SKU	B1 (mm)	SKU
IP-GRP604025	911	IP-GRP604025-B1	1155	IP-GRP604025-B2	1536	IP-GRP604025-B3
IP-GRP806030	1109	IP-GRP806030-B1	1353	IP-GRP806030-B2	1734	IP-GRP806030-B3
IP-GRP1008530	1296	IP-GRP1008530-B1	1540	IP-GRP1008530-B2	1922	IP-GRP1008530-B3

TYPE 1

TYPE 2

TYPE 3

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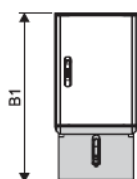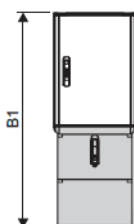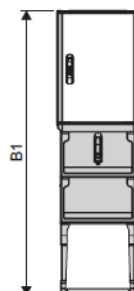
GRP Electrical Enclosure Accessories
Distribution Board Kits

Distribution Board Kits are designed to be easily fitted to GRP Electrical Enclosures.

Features & Specifications

IP Enclosures Distribution Kits are designed to be easily fitted to IP Enclosures GRP electrical enclosures without drilling.

Chassis Material: Galv Sheet Steel

DIN Rail Material: 7.5 x 35 High quality DIN Rail manufactured from galv steel for increased corrosion resistance. Standard 35mm wide symmetrical TS35 DIN Rail compatible with EN50022 and DIN46277-3.

Escutcheon Plates: Glass-Fibre Reinforced Polyester (GRP). Tool removable.

Colour: RAL7035

DB Kits for IP65 GRP Electrical Enclosures

Enclosure	Enclosure Size	Accessories	No. Pole
SKU	H x W x D (mm)	DB Kit	Rows x Qty = Qty Pole
IP-GRP404020	405H x 411W x 211D	IP-GRPDB4040	2 Rows x 16 = 32 Pole
IP-GRP504020	505H x 411W x 211D	IP-GRPDB5040	3 Rows x 16 = 48 Pole
IP-GRP604020	605H x 411W x 211D	IP-GRPDB6040	3 Rows x 16 = 48 Pole
IP-GRP604025	618H x 438W x 251D	IP-GRPDB604025	3 Rows x 16 = 48 Pole
IP-GRP806030	816H x 616W x 323D	IP-GRPDB806030	5 Rows x 26 = 130 Pole
IP-GRP1008530	1004H x 850W x 323D	IP-GRPDB1008530	6 Rows x 39 = 234 Pole

Enclosure	Enclosure Size	Accessories	No. Pole
SKU	H x W x D (mm)	DB Kit	Rows x Qty = Qty Pole
IP-GRP604025-T	618H x 438W x 251D	IP-GRPDB604025	3 Rows x 16 = 48 Pole
IP-GRP806030-T	816H x 616W x 323D	IP-GRPDB806030	5 Rows x 26 = 130 Pole

DB Kits for IP66 GRP Electrical Enclosures

Enclosure	Enclosure Size	Accessories	No. Pole
SKU	H x W x D (mm)	DB Kit	Rows x Qty = Qty Pole
IP-GRP404020-H	405H x 411W x 211D	IP-GRPDB4040	2 Rows x 16 = 32 Pole
IP-GRP504020-H	505H x 411W x 211D	IP-GRPDB5040	3 Rows x 16 = 48 Pole
IP-GRP604020-H	605H x 411W x 211D	IP-GRPDB6040	3 Rows x 16 = 48 Pole
IP-GRP604025-H	618H x 438W x 251D	IP-GRPDB604025	3 Rows x 16 = 48 Pole
IP-GRP806030-H	816H x 616W x 323D	IP-GRPDB806030	5 Rows x 26 = 130 Pole
IP-GRP1008530-H	1004H x 850W x 323D	IP-GRPDB1008530	6 Rows x 39 = 234 Pole

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Thermal Control - Cooling

Air Conditioners

350W to 2kW | Indoor & Outdoor

IP Enclosures air conditioners are designed for the cooling needs of electrical cabinets, optimised for door or side-panel mounting and have been designed for high efficiency and low maintenance. They are made in Italy and are SAA approved and certified for use in Australia.

350W Wall Mounted Air Conditioner		INDOOR	OUTDOOR
Part Number	SKU	IP-ACIWM035.001	IP-ACOWM035
Power supply	V/Hz	230V/1ph/50-60	
Dimensions HxWxD	mm	430x280x170	
Cooling capacity A35A35	W	350/370	
Cooling capacity A35A50	W	200/220	
Max current	A	1.8/1.9	
Delayed fuse	A	4	
Absorbed electric power A35A35	W	260/270	
Absorbed electric power A35A50	W	280/300	
Refrigerant	-	R134a	
Operating temperature (ambient)	℃ (℉)	+ 20/+ 55 (+ 68/+ 131)	
Operating temperature (enclosure)	℃ (℉)	+ 20/+ 45 (+ 69/+ 113)	

850W Wall Mounted Air Conditioner		INDOOR	OUTDOOR
Part Number	SKU	IP-ACIWM085.001	IP-ACOWM085
Power supply	V/Hz	230V/1ph/50-60	
Dimensions HxWxD	mm	635x305x210	
Cooling capacity A35A35	W	850/900	
Cooling capacity A35A50	W	625/650	
Max current	A	2.65/2.75	
Delayed fuse	A	6	
Absorbed electric power A35A35	W	450/470	
Absorbed electric power A35A50	W	530/560	
Refrigerant	-	R134a	
Operating temperature (ambient)	℃ (℉)	+ 20/+ 55 (+ 68/+ 131)	
Operating temperature (enclosure)	℃ (℉)	+ 20/+ 45 (+ 68/+ 113)	

1450W Wall Mounted Air Conditioner		INDOOR	OUTDOOR
Part Number	SKU	IP-ACIWM145.001	IP-ACOWM145
Power supply	V/Hz	230V/1ph/50-60	
Dimensions HxWxD	mm	800x400x240	
Cooling capacity A35A35	W	1450/1500	
Cooling capacity A35A50	W	1150/1200	
Max current	A	3.7/4.2	
Delayed fuse	A	6	
Absorbed electric power A35A35	W	650/700	
Absorbed electric power A35A50	W	770/850	
Refrigerant	-	R134a	
Operating temperature (ambient)	℃ (℉)	+ 20/+ 55 (+ 68/+ 131)	
Operating temperature (enclosure)	℃ (℉)	+ 20/+ 45 (+ 68/+ 113)	

2000W Wall Mounted Air Conditioner		INDOOR	OUTDOOR
Part Number	SKU	IP-ACIWM200.001	IP-ACOWM200
Power supply	V/Hz	230V/1ph/50-60	
Dimensions HxWxD	mm	1000x400x240	
Cooling capacity A35A35	W	2000/2100	
Cooling capacity A35A50	W	1200/1250	
Max current	A	6.6 /6.9	
Delayed fuse	A	10	
Absorbed electric power A35A35	W	1060/1100	
Absorbed electric power A35A50	W	1240/1300	
Refrigerant	-	R134a	
Operating temperature (ambient)	℃ (℉)	+ 20/+ 55 (+ 68/+ 131)	
Operating temperature (enclosure)	℃ (℉)	+ 20/+ 45 (+ 68/+ 113)	

Note: Roof mounted air conditioners are also available upon request.

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Thermal Control - Ventilation

Filter Vents & Fans

12VDC to 230VAC | 26m3/h to 700m3/h | IP54 (IP55 with Vent Hood)

IP Enclosures range of filter fans and vents feature a modern Italian grille design with minimal external projection. The front-opening grille allows filters to be easily maintained from the outside of the enclosure.

Features & Specifications

IP Enclosures provide a wide range of ventilation products for electrical enclosures. The front-opening grille allows filters to be easily maintained from the outside of the enclosure. All molded parts are made of highly resistant and self-extinguishing ABS. IP Enclosures ventilation products are manufactured to the highest quality in Italy.

Protection: Complies with IP54 (or IP55 if used with High Efficiency Filter Mat IP-VFXX or Vent Hood)

Conformity: $C\epsilon$

Material: ABS UL94V-0 color RAL7035

Flow Direction: Reversible

FEATURES

Modern Design: A positive visual impact is provided by the modern grille design and minimal external projection. All molded parts are made of highly resistant and self-extinguishing ABS, UL94 VO grade. The standard color is RAL7035.

Easy Maintenance: Filter mats can be easily maintained from outside of the enclosure due to the front-opening grille. Replacement of soiled filter mats takes only a few seconds without the use of tools.

Wide Range of Air Flow Ratings: 26m3/h to 700m3/h

Optimal Enclosure Protection: The special configuration of the grille, foam seal gasket and filter mat ensures an IP54 protection of the enclosure.

Quick Electrical Connection: Fitted with spring terminals for faster and safer wiring. Default terminal position is above the fan but can be easily changed to bottom of fan to suit wiring needs without tools.

Reversible Fan: Default air flow direction is from outside to inside of the enclosure. If required, air flow can be reversed due to quick release fan lock system without the use of tools.

Fast Installation: Installation is fast due to the simple square cutout on the enclosure and the snap-in fixing system. No fasteners are required.

Vent Hoods: To obtain IP55 protection, use in conjunction with IP Enclosures vent hoods. Hinged vent hoods are available to provide operator access to easily maintain filters from the outside of the enclosure.

Easy Maintenance due to Front Opening Grille

Step 1: Open Grille

Step 2: Remove Filter

Step 3: Insert Filter

Step 4: Close Grille

114mm x 114mm 26m3/hr		Vent	230V Fan	115V Fan	12VDC Fan	24VDC Fan
Part Number	SKU	IP-V1000	IP-V1100	IP-V1101	IP-V1112	IP-V1124
Air flow rate (free blow)	m3/h	-	26 (30)		26	
Air flow rate with exit filter	m3/h	-	15 (18)		15	
Power supply	V/Hz	-	230 / 50-60	115 / 50-60	12DC	24DC
Dimensions HxWxD	mm	114x114x27	114x114x73		114x114x60	
Power consumption	W	-	13 (12)		3	4
Current consumption	A	-	0.10 (0.08)	0.14 (0.12)	0.25	0.16
Overcurrent protection	-	-	impedance			
Electrical connection	-	-	3-poles spring terminals *		2-poles spring terminals *	
Duty cycle	-	-	100%			
Operating temperature	°C (°F)		-10 / +70 (+14/+158)			
Protection degree / Class	-	IP54	IP54 / Class I			
Noise level	dB(A)	-	30 (35)		35	
Flow direction	-	-	reversible, default factory setting outside-in			
Bearing	-	-	ball			
Filter mat EN779	-	G2	G2			
Cut-out Dimensions	mm	92x92	92x92			
Material	-		ABS UL94V-0 color RAL7035			

150mm x 150mm 58m3/hr		Vent	230V Fan	115V Fan	24VDC Fan	48VDC Fan
Part Number	SKU	IP-V2000	IP-V2200	IP-V2201	IP-V2224	IP-V2248
Air flow rate (free blow)	m3/h	-	58(64)		58	
Air flow rate with exit filter	m3/h	-	43(48)		43	
Power supply	V/Hz	-	230 / 50-60	115 / 50-60	24DC	48DC
Dimensions HxWxD	mm	150x150x37	150x150x86			
Power consumption	W	-	22 (21)		9	13
Current consumption	A	-	0.14 (0.12)	0.26 (0.24)	0.37	0.27
Overcurrent protection	-	-	impedance			
Electrical connection	-	-	3-poles spring terminals *		2-poles spring terminals *	
Duty cycle	-	-	100%			
Operating temperature	°C (°F)		-10 / +70 (+14/+158)			
Protection degree / Class	-	IP54	IP54 / Class I			
Noise level	dB(A)	-	43(49)		45	
Flow direction	-	-	reversible, default factory setting outside-in			
Bearing	-	-	ball			
Filter mat EN779	-	G3	G3			
Cut-out Dimensions	mm	124x124	124x124			
Material	-		ABS UL94V-0 color RAL7035			

204mm x 204mm 115m3/hr		Vent	230V Fan	115V Fan	24VDC Fan	48VDC Fan
Part Number	SKU	IP-V3000	IP-V3200	IP-V3201	IP-V3224	IP-V3248
Air flow rate (free blow)	m3/h	-	115 (125)		115	
Air flow rate with exit filter	m3/h	-	84 (97)		84	
Power supply	V/Hz	-	230 / 50-60	115 / 50-60	24DC	48DC
Dimensions HxWxD	mm	204x204x37	204x204x104			
Power consumption	W	-	22 (21)		9	13
Current consumption	A	-	0.14 (0.12)	0.26 (0.24)	0.37	0.27
Overcurrent protection	-	-	impedance			
Electrical connection	-	-	3-poles spring terminals *		2-poles spring terminals *	
Duty cycle	-	-	100%			
Operating temperature	°C (°F)		-10 / +70 (+14/+158)			
Protection degree / Class	-	IP54	IP54 / Class I			
Noise level	dB(A)	-	43 (49)		45	
Flow direction	-	-	reversible, default factory setting outside-in			
Bearing	-	-	ball			
Filter mat EN779	-	G3	G3			
Cut-out Dimensions	mm	177x177	177x177			
Material	-		ABS UL94V-0 color RAL7035			

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250mm x 250mm 125m3/hr		Vent	230V Fan	115V Fan	24VDC Fan	48VDC Fan
Part Number	SKU	IP-V4000	IP-V4200	IP-V4201	IP-V4224	IP-V4248
Air flow rate (free blow)	m3/h	-	125 (135)		125	
Air flow rate with exit filter	m3/h	-	102 (112)		102	
Power supply	V/Hz	-	230 / 50-60	115 / 50-60	24DC	48DC
Dimensions HxWxD	mm	250x250x38	250x250x107			
Power consumption	W	-	22 (21)		9	13
Current consumption	A	-	0.14 (0.12)	0.26 (0.24)	0.37	0.27
Overcurrent protection	-	-	impedance			
Electrical connection	-	-	3-poles spring terminals *		2-poles spring terminals *	
Duty cycle	-	-	100%			
Operating temperature	°C (°F)	-10 / +70 (+14/+158)				
Protection degree / Class	-	IP54	IP54 / Class I			
Noise level	dB(A)	-	43 (49)		45	
Flow direction	-	-	reversible, default factory setting outside-in			
Bearing	-	-	ball			
Filter mat EN779	-	G3	G3			
Cut-out Dimensions	mm	224x224	224x224			
Material	-	ABS UL94V-0 color RAL7035				

250mm x 250mm 255m3/hr to 410m3/hr			230V	115V	24VDC	48VDC	230V	115V	400V
Part Number	SKU	IP-V4000	IP-V4300	IP-V4301	IP-V4324	IP-V4348	IP-V4400	IP-V4401	IP-V4440
Air flow rate (free blow)	m3/h	-	255 (290)		255		410 (445)		
Air flow rate with exit filter	m3/h	-	202 (235)		202		280 (302)		
Power supply	V/Hz	-	230 / 50-60	115 / 50-60	24DC	48DC	230 / 50-60	115 / 50-60	400 / 50-60
Dimensions HxWxD	mm	250x250x38	250x250x128				250x250x136		
Power consumption	W	-	40 (38)		26	33	70 (90)		60 (70)
Current consumption	A	-	0.17 (0.16)	0.34 (0.32)	1.08	0.68	0.40 (0.38)	0.80 (0.76)	0.18 (0.15)
Overcurrent protection	-	-	thermal		impedance		thermal		
Electrical connection	-	-	3-poles spring terminals *		2-poles spring terminals *		3-poles spring terminals *		4-p s t*
Duty cycle	-	-	100%						
Operating temperature	°C (°F)	-10 / +70 (+14/+158)							
Protection degree / Class	-	IP54	IP54 / Class I						
Noise level	dB(A)	-	53 (58)		61		65 (68)		
Flow direction	-	-	reversible, default factory setting outside-in						
Bearing	-	-	ball						
Filter mat EN779	-	G3	G3						
Cut-out Dimensions	mm	224x224	224x224						
Material	-	ABS UL94V-0 color RAL7035							

325mm x 325mm 550m3/hr - 700m3/hr			230V Fan	115V Fan	400V Fan	230V Fan	115V Fan
Part Number	SKU	IP-V5000	IP-V5400	IP-V5401	IP-V5440	IP-V5500	IP-V5501
Air flow rate (free blow)	m3/h	-	550 (620)			700 (770)	
Air flow rate with exit filter	m3/h	-	405 (450)			520 (575)	
Power supply	V/Hz	-	230 / 50-60	115 / 50-60	400 / 50-60	230 / 50-60	115 / 50-60
Dimensions HxWxD	mm	325x325x42	325x325x140			325x325x154	
Power consumption	W	-	70 (90)		60 (70)	130 (180)	
Current consumption	A	-	0.40 (0.38)	0.80 (0.76)	0.18 (0.15)	0.55 (0.81)	1.10 (1.62)
Overcurrent protection	-	-	thermal				
Electrical connection	-	-	3-poles spring terminals *		4-p s t*	3-poles spring terminals *	
Duty cycle	-	-	100%				
Operating temperature	°C (°F)	-10 / +70 (+14/+158)					
Protection degree / Class	-	IP54	IP54 / Class I				
Noise level	dB(A)	-	65 (68)			72 (73)	
Flow direction	-	-	reversible, default factory setting outside-in				
Bearing	-	-	ball				
Filter mat EN779	-	G3	G3				
Cut-out Dimensions	mm	291x291	291x291				
Material	-	ABS UL94V-0 color RAL7035					

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Thermal Control - Ventilation

Roof Vents & Roof Fans

IP-RV/RFV

230VAC | 600m3/h to 1000m3/h | IP44

IP Enclosures provide a wide range of roof mounted ventilation products for electrical cabinets.

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Features & Specifications

IP Enclosures provide a wide range of ventilation products for electrical enclosures. All molded parts are made of highly resistant and self-extinguishing ABS. IP Enclosures ventilation products are manufactured to the highest quality in Italy.

Protection: Complies with IP44

Conformity: $C \in$

Material: ABS UL94V-0 color RAL7035
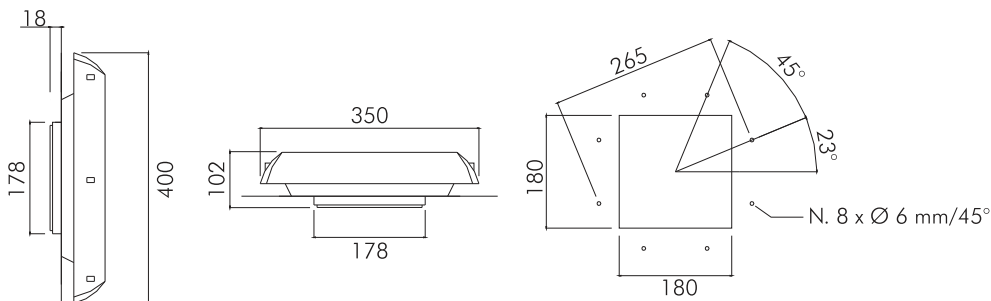
		Roof Vent	**600m3 Fan**		**860m3 Fan**		**1000m3 Fan**	
Features	**Unit**	**IP-RV1**	**IP-RFV1**	**IP-RFV1-115**	**IP-RFV2**	**IP-RFV2-115**	**IP-RFV3**	**IP-RFV3-115**
Air flow rate (free blow)	m³/h	-	600(625)		860(950)		1000(1050)	
Flow rate with inlet filter	m³/h	-	430(450)		580(640)		700(720)	
Power supply	V/Hz	-	230/50-60	115/50-60	230/50-60	115/50-60	230/50-60	115/50-60
Dimensions HxWxD	mm	400x350x102	400x350x102					
Power consumption	W	-	70(90)		85(115)		120(170)	
Current consumption	A	-	0.32(0.40)	0.64(0.80)	0.43(0.50)	0.86(1.00)	0.50(0.75)	1.00(1.50)
Overcurrent protection	-	-	thermal					
Electric connection	-	-	4-pole terminal 2.5 mm²					
Duty cycle	-	-	100%					
Operating temperature	°C(°F)		-10/+70 (+14/+158)					
Protection degree enclosure side	-		IP44					
Protection class	-	-	Class I					
Noise level	dB(A)	-	64(65)		72(73)			
Flow direction	-	-	inside-out					
Bearing	-	-	ball					
Service life (at 40°C)	hr	-	50 000					
Material	-		ABS UL94V-0 Color RAL7035					
Gasket	-		self-adhesive					
Weight (with packaging)	kg	2.30(2.50)	3.65(3.85)		4.00(4.20)		4.75(4.95)	
Package dimensions	mm		410x360x130					
Mounting	-		Screws					
Conformity/ Certifications	-		CE					

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Accessories
Louvre Vents, Vent Hoods & Sun Shields

IP Enclosures vent hoods assist to protect internal components by increasing the protection of fans and vents up to IP56. Hinged vent hoods are also available to enable easy access to fans and filters for filter maintenance without the need to open the enclosure.

Louvre Vents

STEEL			STAINLESS STEEL	

Part Number	Size	Part Number Suffix	Part Number	Size
Standard	**H x W (mm)**	**Optional Colours**	**Standard**	**H x W (mm)**
IP-PSLV10075	100 x 75	-T33 -BLK -OR -RED	IP-SSLV10075	100 x 75
IP-PSLV130130	130 x 130	-T33 -BLK -OR -RED	IP-SSLV130130	130 x 130

Vent Hoods (Standard)

STEEL			STAINLESS STEEL	

Part Number	Size	Part Number Suffix	Part Number	Size
Standard	**H x W x D (mm)**	**Optional Colours**	**Standard**	**H x W x D (mm)**
IP-PSVH3020	300 x 200 x 50	-T33 -BLK -OR -RED	IP-SSVH3020	300 x 200 x 50
*IP-PSVH3222	320 x 220 x 50	-T33 -BLK -OR -RED	*IP-SSVH3222	320 x 220 x 50
IP-PSVH4030	400 x 300 x 50	-T33 -BLK -OR -RED	IP-SSVH4030	400 x 300 x 50
IP-PSVH4737	475 x 375 x 75	-T33 -BLK -OR -RED	IP-SSVH4737	475 x 375 x 75
IP-PSVH5040	500 x 400 x 75	-T33 -BLK -OR -RED	IP-SSVH5040	500 x 400 x 75

IP Rating: IP55. Item marked with " * " is IP56. (When used with IP Enclosures fans & filters)

Hinged Vent Hoods (For use with filter fans/vents)

STEEL			STAINLESS STEEL	

Part Number	Size	Part Number Suffix	Part Number	Size
Standard	**H x W x D (mm)**	**Optional Colours**	**Standard**	**H x W x D (mm)**
IP-PSVH3020-H	300 x 200 x 50	-T33 -BLK -OR -RED	IP-SSVH3020-H	300 x 200 x 50
IP-PSVH3224-H	320 x 220 x 50	-T33 -BLK -OR -RED	IP-SSVH3224-H	320 x 220 x 50
IP-PSVH4030-H	400 x 300 x 50	-T33 -BLK -OR -RED	IP-SSVH4030-H	400 x 300 x 50
IP-PSVH4737-H	475 x 375 x 75	-T33 -BLK -OR -RED	IP-SSVH4737-H	475 x 375 x 75
IP-PSVH5040-H	500 x 400 x 75	-T33 -BLK -OR -RED	IP-SSVH5040-H	500 x 400 x 75

Sun Shields

STEEL			STAINLESS STEEL	

Part Number	Size	Part Number Suffix	Part Number	Size
Standard	**H x W x D (mm)**	**Optional Colours**	**Standard**	**H x W x D (mm)**
IP-SUN504020	500 x 400 x 200	-T33 -BLK -OR -RED	IP-SUNSS504020	500 x 400 x 200
IP-SUN606030	600 x 600 x 300	-T33 -BLK -OR -RED	IP-SUNSS606030	600 x 600 x 300
IP-SUN806030	800 x 600 x 300	-T33 -BLK -OR -RED	IP-SUNSS806030	800 x 600 x 300

Ventilated Roofs

STEEL	ALUMINIUM		

Part Number		Size	Part Number Suffix
Standard	**Standard**	**W x D (mm)**	**Optional Colour**
IP-VR6040	IP-AVR6040	600 x 400	-T33
IP-VR8040	IP-AVR8040	800 x 400	-T33
IP-VR10040	IP-AVR10040	1000 X 400	-T33

Thermal Control - Heating

Anti-Condensation Heaters

Compact, Touch Shield & Fan-Assisted | 75W to 750W

Anti-condensation heaters are required to prevent failures or corrosion caused by low temperatures or high humidity. IP Enclosures heating products are manufactured to the highest quality in Italy.

Anti-Condensation Heaters for Electrical Enclosures

IP Enclosures provide a range of heating products for electrical enclosures. Our range of heating products are manufactured to the highest quality in Italy.

Compact | 75W to 150W

FEATURES	UNIT		IP-H75	IP-H100	IP-H150
Heating Capacity*	W		75	100	150
Power supply	V		120-240V AC or DC		
Inrush current	A		4	5	9.5
Delayed fuse (advised)	A		6.3	8	10
Heating element type	-		PTC resistor, self regulating		
Electrical connections			2 screw terminals for stranded or rigid wire 2.5 mm²		
Protection class	-		Class II		
Protection degree EN60529	-		IP20		
Operating temperature	℃ (°F)		-45/+70 (-49/+158)		
Storage temperature	℃ (°F)		-45/+80 (-49/+176)		
Radiator	-		Extruded aluminium profile		
Mounting	-		Clip for mounting on DIN rail 35 mm EN50022		
Installation position	-		Best efficiency in vertical position		
Dimensions HxWxD	mm		140x59x61		220x59x61
Weight (with packaging)	kg		0.34 (0.38)		0.57 (0.62)
Conformity/Certifications	-		CE - UL cℝℕus		

*at 20℃ (68°F) ambient temperature

Touch Shield | 25W to 150W

FEATURES	UNIT	IP-TSH25	IP-TSH50	IP-TSH75	IP-TSH100	IP-TSH150
Heating Capacity*	W	25	50	75	100	150
Power supply	V		120-240V AC or DC			
Inrush current	A	2.5	3.5	4	5	9.5
Delayed fuse (advised)	A	4	4	6.3	8	10
Heating element type	-		PTCresistor, self regulating			
Electrical connections	-		2 screw terminals for stranded or rigid wire 2.5 mm²			
Protection class	-		Class II			
Protection degree EN60529	-		IP20			
Operating temperature	℃ (°F)		-45/+70 (-49/+158)			
Storage temperature	℃ (°F)		-45/+80 (-49/+176)			
Radiator	-		Extruded aluminium profile, with plastic cover			
Mounting	-		Clip for mounting on DIN rail 35 mm EN50022			
Installation position	-		Best efficiency in vertical position			
Dimensions HxWxD	mm	125x41x41		140x63x70		220x63x70
Weight (with packaging)	kg	0.16 (0.19)		0.42 (0.46)		0.66 (0.72)
Conformity/Certifications	-		CE - UL cℝℕus			

*at 20℃ (68°F) ambient temperature

Fan Assisted | 250W to 750W

FEATURES	UNIT	IP-FH250	IP-FH251	IP-FH400	IP-FH401	IP-FH500	IP-FH501	IP-FH750	IP-FH751
Heating Capacity	W	250	250	400	400	500	500	750	750
Power supply	V/Hz	230/50-60	115/50-60	230/50-60	115/50-60	230/50-60	115/50-60	230/50-60	115/50-60
Max. current	A	1.2	2.4	1.9	3.8	2.4	4.8	3.6	7.2
Heating element type	-				Resistor				
Thermal protection	-			Thermal cut out fuse in case of fan failure					
Radiator	-			Extruded aluminium profile, anodized					
Axial fan	-			Ball bearing, service life 50.000 hrs at 25℃ (77°F) air flow rate 35 m³/h, free flow				air flow rate 44 m³/h, free flow	
Signalling					Green LED power ON				
Electrical connections	-			3 screw terminals for stranded or rigid wire 2.5 mm²					
Protection class	-			Class I, earthed					
Protection degree EN60529	-			IP20					
Operating temperature	℃ (°F)			-25/+70 (-13/+158)					
Storage temperature	℃ (°F)			-45/+80 (-49/+176)					
Mounting	-			Clip for mounting on DIN rail 35 mm EN50022					
Installation position	-			Best efficiency in vertical position					
Dimensions HxWxD	mm	135x112x82	135x112x82	165x112x82	165x112x82	165x112x82	165x112x82	225x112x82	225x112x82
Weight (with packaging)	kg	0.88(0.94)	0.88(0.94)	0.97(1.04)	0.97(1.04)	0.97(1.04)	0.97(1.04)	1.35(1.42)	1.35(1.42)
Conformity/Certifications				CE - ULcℝℕus					

Thermal Control - Controllers
Thermostats, Hygrostat & Fan Speed Controller

IP Enclosures thermal control products are manufactured to the highest quality in Italy and are suitable for use with IP Enclosures range of heating and cooling products.

Single Thermostats | NC/NO

Features	Unit	IP-THNC1	IP-THNC2	IP-THNC3	IP-THNO1	IP-THNO2	IP-THNO3
Contact function	-	NC	NC	NC	NO	NO	NO
Temperature setting range	°C	-10/+50	0/+60	+20/+80	-10/+50	0/+60	+20/+80
Precision	°C	±4					
Hysteresis	°C	7					
Max switching current							
250Vac resistive load (inductive load)	A	10 (1.6)					
125Vac resistive load (inductive load)	A	15 (2.5)					
Max. switching power in Vdc	W	30					
Temperature sensor type	-	Thermostatic bimetal					
Contact type	-	Snap action					
Contact resistance	mOhm	< 10					
Service life	cycles	> 100 000					
Electrical connections	-	2-pole terminal for 2.5 mm² wire					
Casing	-	PA6, UL94 V0 self-estinguishing, light grey RAL 7035					
Protection degree EN60529	-	IP20					
Operating temperature	°C (°F)	-25/+80 (-13/+176)					
Storage temperature	°C (°F)	-45/+80 (-49/+176)					
Mounting	-	Clip for mounting on DIN rail 35 mm EN50022					
Installation position	-	Variable					
Conformity/Certifications	-	CE-UL℅ **℟**us					
Dimensions HxWxD	mm	61x34x35					

Double Thermostats | NC/NO

Features	Unit	IP-THD1		IP-THD2		IP-THD3	
Contact function	-	NC	NO	NC	NO	NO	NO
Temperature setting range	°C	-10/+50	+20/+80	0/+60	0/+60	0/+60	0/+60
Precision	°C	±4					
Hysteresis	°C	7					
Max switching current							
250Vac resistive load (inductive load)	A	10 (1.6)					
125Vac resistive load (inductive load)	A	15 (2.5)					
Max. switching power in Vdc	W	30					
Temperature sensor type	-	Thermostatic bimetal					
Contact type	-	Snap action					
Contact resistance	mOhm	< 10					
Service life	cycles	> 100 000					
Electrical connections	-	2-pole terminal for 2.5 mm² wire					
Casing	-	PA6, UL94 V0 self-estinguishing, light grey RAL 7035					
Protection degree EN60529	-	IP20					
Operating temperature	°C (°F)	-25/+80 (-13/+176)					
Storage temperature	°C (°F)	-45/+80 (-49/+176)					
Mounting	-	Clip for mounting on DIN rail 35 mm EN50022					
Installation position	-	Variable					
Conformity/Certifications	-	CE-UL℅ **℟**us File n. E348803					
Dimensions HxWxD	mm	61x53x35					

Mechanical Hygrostat

Features	Unit	IP-MH1
Relative Humidity setting range	RH%	20-90
Relative Humidity Hysteresis	RH%	5 (max 10)
Precision	RH%	±4
Operating temperature	°C (°F)	-10/+50 (+14/+122)

Fan Speed Controller (Image not shown)

Features	Unit	FSC
Power supply	V/Hz	100-230/50-60
Temperature setting range	°C	+20 / +60
Fan speed setting range	%	0 - 100
Speed controller	-	partialization of wave
Input	-	NTC sensor
Max. output fan	-	300 W (100-230/50-60Hz)
Electrical connection	-	terminal for 2.5 mm² wire
Optical signal	-	LED
Casing	-	PA6, UL94 V0 self-estinguishing, light grey RAL 7035
Protection degree EN60529	-	IP20

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Accessories
LED Lighting Solutions

24VDC

IP Enclosures provide high quality LED lighting solutions that have been specifically designed for electrical enclosures.

Features:
- High efficiency LED lamps for enclosures
- 24VDC
- Spring terminal connections.
- Easy to install.
- Provided with integral on-off switch or motion sensor.
- Screw-type mounting for stainless steel or magnet mounting for steel enclosures
- Made in Italy

Features	Unit	IP-LEDLAMP3200-24VDC	IP-LEDLAMP3201-24VDC	IP-LEDLAMP3210-24VDC	IP-LEDLAMP3211-24VDC
Power supply	V	24VDC			
Luminosity	Lm	400			
Lamp type	-	LED			
Power consumption	W	2,5			
Service life (@ 20°C)	hr	60 000			
Switch	-	on/off switch		Motion sensor*	
Electrical connection	-	2-poles spring terminals **			
Casing	-	Plastic			
Protection degree / Class	-	IP20 / Class II			
Operating temperature	°C (°F)	-30 / +60 (-22 / +140)			
Storage temperature	°C (°F)	-40 / +85 (-40 / +185)			
Mounting	-	screw fixing	magnet fixing	screw fixing	magnet fixing
Installation position	-	Variable			
Dimensions	mm	Ø32x345			
Weight (with packaging)	kg	0.155 (0.205)	0.175 (0.225)	0.155 (0.205)	0.175 (0.225)
Package dimensions	mm	415x50x43			
Conformity/Certifications	-	CE, c**Ru**u			

* 5min switched on after last detection

** 0.5-2.5mm

345

Ø32

MAX 300 (variable)
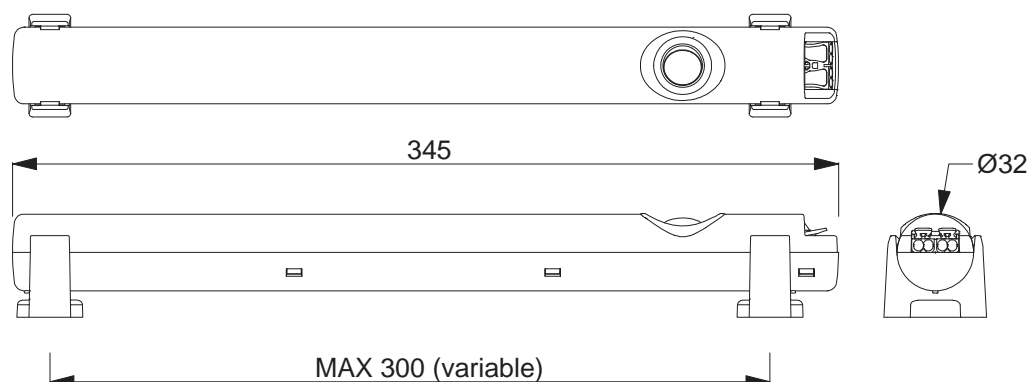
Accessories
Locking & High Security Access Control

High Security Electronic Access Control

Access control and monitoring for IP Enclosures Electrical Enclosures, Field Cabinets and Data Racks.

Australian made patented stainless steel high security electronic locks provide a keyless, highly secure and convenient entry solution. A range of entry pads are available including keypads, biometric fingerprint access and Bluetooth smartphone access. High security restricted key options are also available.
(Requires door accessory for mounting. Available upon request. Contact IP Enclosures)

Electronic Safe Lock
A safe lock is supplied standard with IP-LE1, IP-LE2, IP-LE3 and IP-LE4 keypad options as shown below. The high quality swivel-bolt operated stainless steel safe lock provides a keyless and convenient entry solution based on the standard 3 wheel combination lock footprint. It is certified as withstanding 10 times the bolt-head pressure requirement of the Australian standard AS4145.2. It can be fitted to selected IP Enclosures cabinets upon request and is designed to suit the four entry keypad options below.

IP-LE1 - Safe Lock with Electronic Entry Keypad
Access is via a 6-digit code.

IP-LE2 - Safe Lock with LED Electronic Entry Keypad
This model extends on the features provided above. The LCD screen display on this entry pad allows menu options to be viewed and altered with ease.
Users: 30 user based system.

IP-LE3 - Safe Lock with Biometric Entry Keypad
This model is a 'Biometric Fingerprint' access unit. Access is via the presentation of a valid fingerprint or password or both. The screen display provides the support dialogue for registration of users and the execution of the administration processes.
Users: 30 user based system.

IP-LE4 - Safe Lock with Bluetooth Entry
The Bluetooth model introduces a smartphone entry solution. No entry pad is required on the door. Access control is set up and an entry is validated via smartphone. It is a Bluetooth Smart Device compatible with all modern Apple and Android smartphones. All authorised users and 'eKey' data is securely stored in the PCB Controller itself. It provides a proprietary multi-layer security encryption with rolling code to eliminate unauthorised access, comprises an advanced self-defence protocol and contains intelligent anti-hacking controls and counter-measures.

IP-LE3 - Safe Lock with Biometric Entry Keypad

Keypad Entry
IP-LE1 - Safe Lock with Electronic Entry Keypad

LED Keypad Entry
IP-LE2 - Safe Lock with LED Electronic Entry Keypad

Biometric Fingerprint Entry
IP-LE3 - Safe Lock with Biometric Entry Keypad

Smartphone Entry (Siri, App)
IP-LE4 - Safe Lock with Bluetooth Entry

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Accessories
Locks and Swing Handles

Our electrical enclosures are supplied fitted with standard locks. However, to provide maximum flexibility, IP Enclosures also provide a full range of electrical enclosure locks, handles and high security access control solutions.

Quarter Turn
IP-L001 - 5mm Double Bit Chrome
IP-L002 - 8mm Square Chrome
IP-L026 - 5mm Double Bit Stainless Steel
IP-L027 - 8mm Square 316 Stainless Steel

Compression
IP-L058 - 316 Stainless Steel

IP69K Hygiene
IP-L030 - 316 Stainless Steel

IP69K Hygiene Compression
IP-059 - 316 Stainless Steel

Keys
IP-L004 - 5mm Double Bit Chrome
IP-L005 - 8mm Square Chrome

Wing Knob
IP-L060 - Cast Alloy Coated Black
IP-L029 - 316 Stainless Steel

Wing Knob Keyed (Keyed Alike)
IP-L045 - Cast Alloy Coated Black
IP-L028 - 316 Stainless Steel

Wing Knob Padlockable
IP-L043 - Cast Alloy Coated Black
IP-L031 - 316 Stainless Steel

T Handle
IP-L044 - Cast Alloy Chrome
IP-L061 - Cast Alloy Coated Black
IP-L052 - 316 Stainless Steel

T Handle Keyed (Keyed Alike)
IP-L048 - Cast Alloy Chrome
IP-L049 - Cast Alloy Coated Black
IP-L053 - 316 Stainless Steel

L Handle
IP-L054 - Cast Alloy Chrome
IP-L055 - Cast Alloy Coated Black
IP-L056 - 316 Stainless Steel

L Handle Keyed (Keyed Alike)
IP-L057 - Cast Alloy Chrome
IP-L062 - Cast Alloy Coated Black
IP-L063 - 316 Stainless Steel

Handle
IP-L064 - Cast Alloy Coated Black

Handle
IP-L065 - Aluminium

Door Stays
IP-L067 - Zinc Plated Steel
IP-L068 - Stainless Steel

3 Point Wing Knob Keyed
IP-L069 - Cast Alloy Coated Black

3 Point T Handle Keyed
IP-L070 - Cast Alloy Coated Black

3 Point L Handle
IP-L071 - Cast Alloy Coated Black

Linear Handle
IP-L072 - Cast Alloy Coated Black

Swing Handle
IP-L006 - Polyamide Coated Black
IP-L007 - Polyamide & Cast Alloy
Coated Black

Swing Handle Padlockable
IP-L009 - Polyamide & Cast Alloy
Coated Black

3 Point Swing Handle*
IP-L011 - Polyamide Coated Black
IP-L012 - Polyamide & Cast Alloy
Coated Black
IP-L036 - with 3mm Double Bit Barrel

**3 Point Swing Handle
Padlockable***
IP-L014 - Polyamide & Cast Alloy
Coated Black

Swing Handle
IP-L073 - Cast Alloy Coated Black

Swing Handle Padlockable
IP-L074 - Cast Alloy Coated Black

3 Point Swing Handle*
IP-L075 - Cast Alloy Coated Black

**3 Point Swing Handle
Padlockable***
IP-L076 - Cast Alloy Coated Black

Low Profile
IP-L018 - Cast Alloy Coated Black
IP-L019 - Cast Alloy Chrome

Low Profile Padlockable
IP-L041 - Cast Alloy Coated Black
IP-L042 - Cast Alloy Chrome

3 Point Low Profile*
IP-L022 - Cast Alloy Coated Black
IP-L023 - Cast Alloy Chrome

**3 Point Low Profile
Padlockable***
IP-L024 - Cast Alloy Coated Black
IP-L025 - Cast Alloy Chrome

Stainless Steel Swing Handle
IP-L033 - 316 Stainless Steel

**Stainless Steel Swing Handle
Padlockable**
IP-L037 - 316 Stainless Steel

**3 Point Stainless Steel
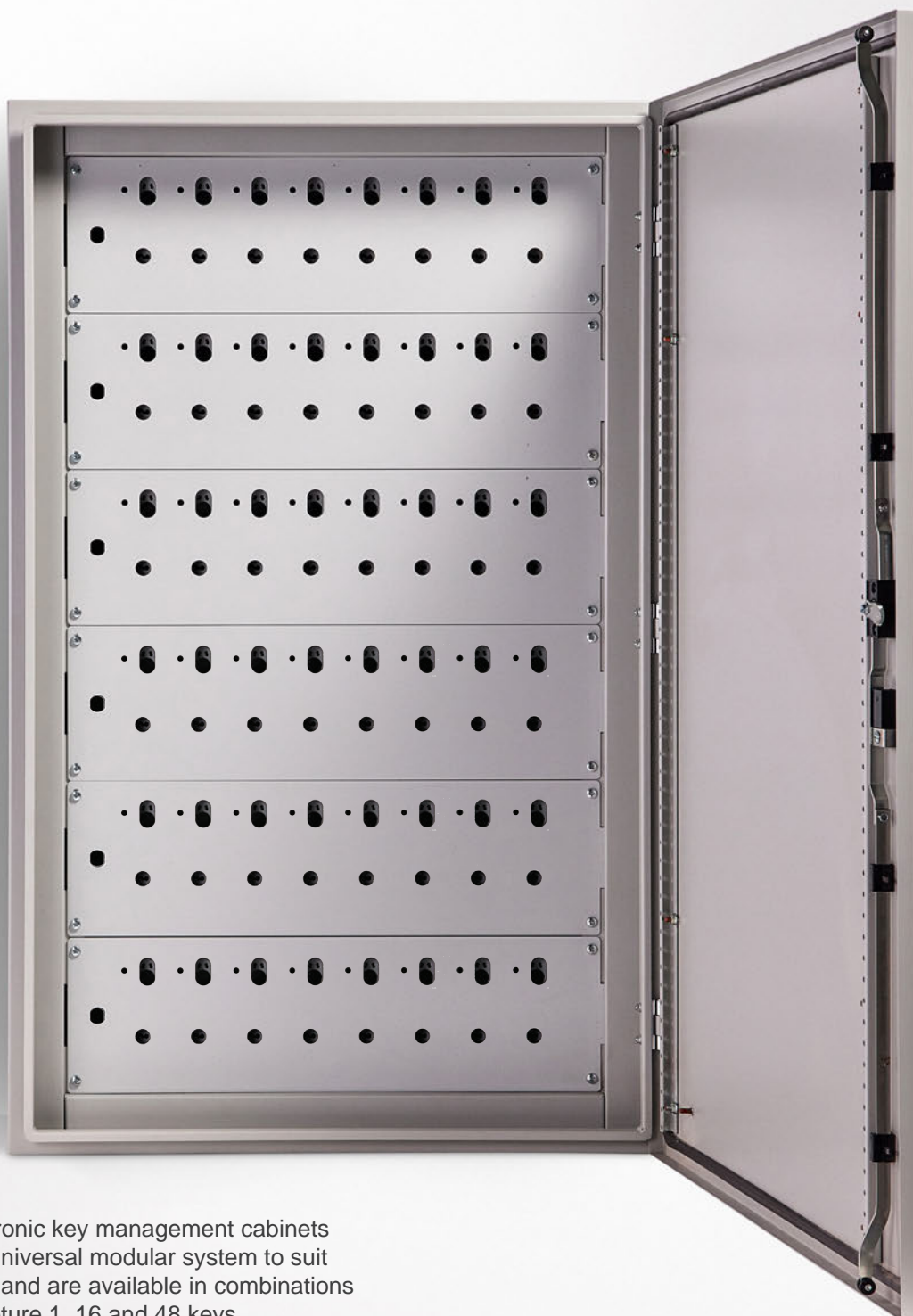Swing Handle***
IP-L035 - 316 Stainless Steel

**3 Point Stainless Steel Swing
Handle Padlockable***
IP-L039 - 316 Stainless Steel

*Note: Items marked * are also suitable for 4 point*

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Wall mounted electronic key management cabinets are designed as a universal modular system to suit standard lock sizes and are available in combinations to electronically capture 1, 16 and 48 keys.

Features & Specifications

Wall mounted electronic key management cabinets are designed as a universal modular system to suit standard lock sizes and are available in combinations to electronically capture 1, 16 and 48 keys.

Protection: Complies with IP66 IK10

Standard: AS/EN/IEC60529

Material:
- Body: 1.5mm galvanised steel sheet
- Door: 1.5mm galvanised steel sheet
- Seal: Polyurethane. UL listed.

Body: The robust monoblock body is fabricated using 1.5mm galvanised steel sheet. Flat face sealing surfaces increase seal life.

Door: The door is fabricated using 1.5mm galvanised steel sheet. It incorporates concealed removable hinges with captive pins.
- Standard Range: Door is flush mounted.
- Advanced Range: Door is recessed to provide increased security and to prevent vandalism.

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).

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 cabinet as standard. (Not included in 1 x key cabinets)

Surface Treatment: UL approved epoxy polyester powder coated with a textured finish 80-120 micron average thickness.

Colours: Available in the following colours:
- Grey (Standard)
- White
- Black
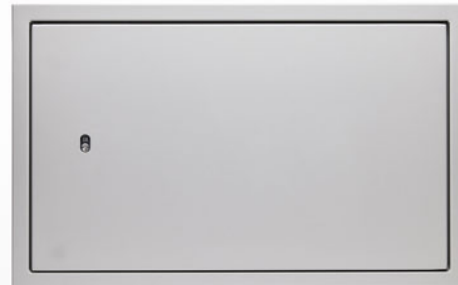
STANDARD

The standard range of electronic key capture cabinets are suitable for general applications.

The standard cabinet is provided with flush door and includes internal shroud to mount the modules.
The front door lock is a standard quarter turn lock.

IP-LKCE1 - 1 x Key Standard Cabinet
IP-LKCE16 - 16 x Key Standard Cabinet
IP-LKCE48 - 48 x Key Standard Cabinet

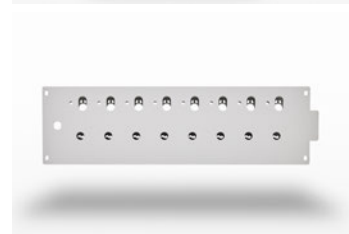**MODULES** (Designed to fit standard and advanced cabinets)

IP-LKC1 - 1 Key Module (Electronic Key Capture Module)
Includes front and rear plates complete with cutouts and holes to mount
1 x standard restricted key cylinder, LED indicator, access control (Keypad, Fingerprint Biometric, Bluetooth etc), safe lock (standard universal footprint), mount for PCB.

IP-LKC8 - 8 Key Module (Electronic Key Capture Module)
Includes front and rear plates complete with cutouts and holes to mount
8 x standard restricted key cylinder, LED indicator, access control (Keypad, Fingerprint Biometric, Bluetooth etc), safe lock (standard universal footprint), mount for PCB.

IP-LKC8BLANK - 8 Module Blank Plate (To mount hooks to suit requirements)
Includes blank plate only.

*Access control keypad and locks available upon request. IP-LE1 Keypad shown.
Other combinations are available upon request.*

PART NUMBERS (STANDARD)

Number of Keys	Module	Enclosure (Standard Colour)	Window Door (Accessory)	Optional Colours	
1	IP-LKC1	IP-LKCE1	IP-LKCE1WINDOOR	-WT	-BLK
16	IP-LKC8 (Qty x 2)	IP-LKCE16	IP-LKCE16WINDOOR	-WT	-BLK
48	IP-LKC8 (Qty x 6)	IP-LKCE48	IP-LKCE48WINDOOR	-WT	-BLK

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ADVANCED

The advanced range of electronic key capture cabinets are suitable for high security applications and installations in public spaces.

The advanced cabinet is provided with recessed door and includes internal shroud to mount the modules.
The front door lock includes cutout for restricted key and brackets to house an electric strike.
IP-LKE1 - 1 x Key Advanced Cabinet
IP-LKE16 - 16 x Key Advanced Cabinet
IP-LKE48 - 48 x Key Advanced Cabinet

MODULES (Designed to fit standard and advanced cabinets)

IP-LKC1 - 1 Key Module (Electronic Key Capture Module)
Includes front and rear plates complete with cutouts and holes to mount
1 x standard restricted key cylinder, LED indicator, access control (Keypad, Fingerprint Biometric, Bluetooth etc), safe lock (standard universal footprint), mount for PCB.

IP-LKC8 - 8 Key Module (Electronic Key Capture Module)
Includes front and rear plates complete with cutouts and holes to mount
8 x standard restricted key cylinder, LED indicator, access control (Keypad, Fingerprint Biometric, Bluetooth etc), safe lock (standard universal footprint), mount for PCB.

IP-LKC8BLANK - 8 Module Blank Plate (To mount hooks to suit requirements)
Includes blank plate only.

Access control keypad and locks available upon request. IP-LE3 Biometric shown. Other combinations are available upon request.

PART NUMBERS (ADVANCED)

Number of Keys	Module	Enclosure (Standard Colour)	Window Door (Accessory)	Optional Colours
1	IP-LKC1	IP-LKE1	IP-LKE1WINDOOR	-WT -BLK
16	IP-LKC8 (Qty x 2)	IP-LKE16	IP-LKE16WINDOOR	-WT -BLK
48	IP-LKC8 (Qty x 6)	IP-LKE48	IP-LKE48WINDOOR	-WT -BLK

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Custom Electrical Enclosures

IP Enclosures provide custom electrical enclosures that are designed and manufactured to meet your unique needs.

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Electrical enclosures, cabinets and data racks are designed and manufactured to suit project specifications and unique needs. No matter how small, large or complex, we work with customers to meet project requirements.

Major Projects
We work with a wide range customers world wide to provide custom electrical enclosures to meet project requirements. We can design and manufacture to meet existing specifications and drawings or can assist to develop these in conjunction with customers, consultants, end users and contractors.

Modifications to Standard Product
Do you buy electrical enclosures and then modify them by drilling, cutting holes or adding accessories? Save time, money and risk by ordering custom enclosures with holes pre-drilled and cut. We provide an economical alternative for customers who require modified 'custom' enclosures.

Certified IP Rated Enclosures
We are a specialist electrical enclosure brand that specialises in electrical enclosures. You can be confident that your custom enclosure conforms to IEC62208 and IEC/EN/AS60529. We provide custom enclosures up to IP69K, Nema 4x including IP55, IP56, IP65, IP66 and IP69K Hygienic rated enclosures.

Examples
- Non-standard shapes and sizes
- Holes and cut-outs
- Locking systems
- Ventilation
- Internal shelves & brackets
- Viewing windows
- Accessories fitted
- Custom powder-coat colour
- Custom graphic artwork
- Your Logo
...etc

Simply contact our customer support team and tell us what you need. Our support team will work with you to determine the best and most economical solution. We provide 2D drawings and 3D Models for approval prior to manufacture.

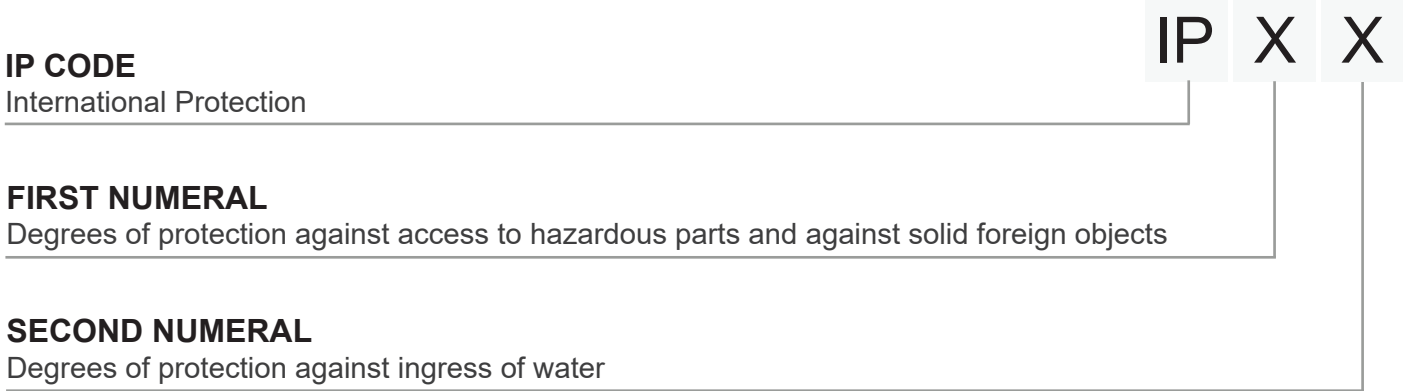# Colour Options

COLOUR CHART

Standard colours are shown in the colour chart below. All enclosures are supplied as RAL7035 Light Grey unless requested otherwise. Refer to tables for part number suffix. Other RAL colours available upon request.

RAL9016 (Traffic White)	RAL7035 - Standard (Light Grey)	RAL 9005 (Jet Black)	[YOUR LOGO] [Your Text] Full Colour Logo Full Colour Artwork
T33 (Smoke Blue)	RAL2000 (Yellow Orange)	RAL3001 (R13 Signal Red)	Custom Graphic Wrap Any Design

Degrees Of Protection - IP Ratings

Australian Standard IEC/EN/AS60529 - Degrees of protection by enclosures (IP Code)
IEC/EN/AS60529 provides definitions for degrees of protection provided by enclosures of electrical equipment, with regard to protection of persons against access to hazardous parts inside the enclosure and protection of the equipment inside the enclosure against ingress of solid foreign objects and harmful effects due to the ingress of water.

IP CODE
International Protection

FIRST NUMERAL
Degrees of protection against access to hazardous parts and against solid foreign objects

SECOND NUMERAL
Degrees of protection against ingress of water

FIRST NUMERAL – Protection against solids/dust
IP0X - No protection
IP1X - Protection against solid objects > 50 mm
IP2X - Protection against solid objects > 12 mm
IP3X - Protection against solid objects > 2.5 mm
IP4X - Protection against solid objects > 1 mm
IP5X - Protection against dust (limited ingress allowed, no harmful deposit)
IP6X - Fully protected from dust (dust tight)

SECOND NUMERAL – Protection against water
IPX0 - No protection
IPX1 - Protection from vertically dripping water
IPX2 - Protection from sprays/dripping of water up to 15° from vertical
IPX3 - Protection from spraying water up to 60° from vertical
IPX4 - Protection from spraying water (all directions) – limited ingress acceptable if no hazard
IPX5 - Protection from low pressure jets of water (all directions) – limited ingress acceptable if no hazard
IPX6 - Protection against powerful jets of water, limited ingress acceptable if no hazard
IPX7 - Protection from temporary immersion
IPX8 - Protection from continuous immersion
IPX9K - Protection from high pressure and temperature water jet (ISO 20653)

IP Enclosures

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