



GENERAL CATALOGUE

Electrical Enclosures, Cabinets & Data Racks

2024

CLIMATE PROTECTION

Industrial climate control technology for electrical enclosures and cabinets

Extreme weather and climate events are increasing throughout the world in frequency and severity. These events include extreme heat, extreme cold, drought, wildfires, tropical cyclones, floods, ice and snow storms. Unfortunately, these extreme events often lead to catastrophic losses including damage to property and infrastructure resulting in power and control systems outages, and communications network failures.

Although the weather and climate cannot be controlled, the climate within the electrical enclosure can be controlled. By controlling the enclosure climate within the ever-changing external climate, we are able to protect the contents of the enclosure to ensure that connected and networked infrastructure that it controls will safely continue to operate.

As experts in the field of climate protection of electrical enclosures and cabinets, IP Enclosures assists customers throughout the world in protecting critical infrastructure through harsh climates and extreme weather.



Protecting critical infrastructure through harsh climates and extreme weather

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Mounted Electrical Enclosures

S1

Steel | Powder Coated

SINGLE DOOR | IP66 IK10



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

Features & Specifications

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

Protection: IP66 IK10
(Independent accredited test laboratory)

Standard: IEC/EN62208, IEC/EN/AS60529, RoHS
(IEC/EN/AS61439 Compliant)



Material:

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

Body: The robust monoblock body is fabricated using galvanised steel sheet (1.2mm-1.5mm). Flat face sealing surfaces are provided to increase seal life. Pre-fitted blind nutserts are incorporated to accommodate mounts and accessory fasteners to eliminate drilling and retain IP rating. Integral device plate mounts and M6 earth studs are provided. A galvanised steel gland plate is incorporated into the bottom face. Cutting, pressing and full continuous seam welding using precision automated manufacturing equipment ensures accuracy and consistent high quality.

Single Door: The robust surface mounted door is fabricated using 1.5mm galvanised steel sheet and incorporates concealed removable hinges with captive pins. The door is designed for a 110° opening. Each door contains cable management rails, an M6 earth stud and a high quality machine-applied foamed in place (FIP) Polyurethane seal. Two internal cable management rails can be removed to provide additional space for equipment, duct and door mounted control components.

Seal: A high quality machine-applied full perimeter UL listed Polyurethane seal foamed in place (FIP) provides excellent sealing over a long life. Temperature resistance -40°C to 80°C (160°C short term loading).

Lock: 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 polyester powder coated with a smooth gloss finish, 80-120 micron average thickness, providing excellent exterior durability and colour retention.



Mounted Electrical Enclosures

S2

Steel | Powder Coated

DOUBLE DOOR | IP55 IK10



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

Features & Specifications

S2

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

Protection: IP55 IK10
(Independent accredited test laboratory)

Standard: IEC/EN62208, IEC/EN/AS60529, RoHS
(IEC/EN/AS61439 Compliant)



Material:

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

Body: The robust monoblock body is fabricated using 1.5mm galvanised steel sheet. Flat face sealing surfaces are provided to increase seal life. Pre-fitted blind nuts are incorporated to accommodate mounts and accessory fasteners to eliminate drilling and retain IP rating. Integral device plate mounts and M6 earth studs are provided. Gland plates are incorporated into the bottom face. Cutting, pressing and full continuous seam welding using precision automated manufacturing equipment ensures accuracy and consistent high quality.

Double Door: The robust surface mounted doors are fabricated using 1.5mm galvanised steel sheet and incorporates concealed removable hinges with captive pins. The doors are designed to eliminate the central mullion to improve accessibility into the enclosure. The doors are designed for a 110° opening. Each door contains integral cable management rails, an M6 earth stud and a high quality machine-applied foamed in place (FIP) Polyurethane seal. Internal cable management rails can be removed to provide additional space for equipment, duct and door mounted control components.

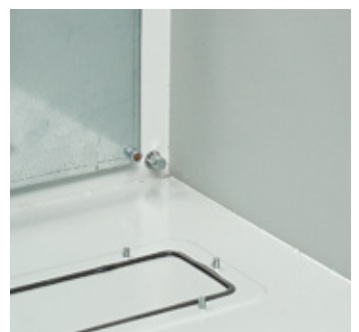
Seal: A high quality machine-applied full perimeter UL listed Polyurethane seal foamed in place (FIP) provides excellent sealing over a long life. Temperature resistance -40°C to 80°C (160°C short term loading).

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

Device Mounting Plate: The device mounting plate is fabricated using 1.5mm galvanised steel sheet, pressed to provide additional strength and supplied pre-fitted into enclosure as standard.

Gland Plate: Gland plates 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 polyester powder coated with a smooth gloss finish, 80-120 micron average thickness, providing excellent exterior durability and colour retention.




Steel | Powder Coated

S1

SINGLE DOOR | IP66 IK10


Part Number	Enclosure Size	Device Plate	Locks	Accessories			Part Number Suffix
				Standard	Rain Hood	Transparent Door	
	H x W x D (mm)	H x W (mm)	Qty	Inner 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	-	-T33 -BLK -OR -RED
IP-403020	400 x 300 x 200	350 x 230	1	IP-PSID4030	IP-PSRH3020	-	-T33 -BLK -OR -RED
IP-403025	400 x 300 x 250	350 x 300	1	-	-	-	-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-404025	400 x 400 x 250	350 x 300	1	-	-	-	-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	-	-T33 -BLK -OR -RED
IP-503020	500 x 300 x 200	450 x 230	1	IP-PSID5030	IP-PSRH3020	-	-T33 -BLK -OR -RED
IP-504020	500 x 400 x 200	450 x 330	1	IP-PSID5040	IP-PSRH4020	-	-T33 -BLK -OR -RED
IP-504025	500 x 400 x 250	450 x 330	1	IP-PSID5040	IP-PSRH4025	-	-T33 -BLK -OR -RED
IP-505020	500 x 500 x 200	450 x 430	1	IP-PSID5050	IP-PSRH5020	-	-T33 -BLK -OR -RED
IP-505025	500 x 500 x 250	450 x 430	1	IP-PSID5050	IP-PSRH5025	-	-T33 -BLK -OR -RED
IP-505030	500 x 500 x 300	450 x 430	1	IP-PSID5050	-	-	-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	-	-T33 -BLK -OR -RED
IP-705025	700 x 500 x 250	650 x 430	2	IP-PSID7050	IP-PSRH5025	-	-T33 -BLK -OR -RED
IP-804030	800 x 400 x 300	750 x 330	2	IP-PSID8040	IP-PSRH4030	-	-T33 -BLK -OR -RED
IP-806020	800 x 600 x 200	750 x 530	2	IP-PSID8060	IP-PSRH6020	-	-T33 -BLK -OR -RED
IP-806025	800 x 600 x 250	750 x 530	2	IP-PSID8060	IP-PSRH6025	-	-T33 -BLK -OR -RED
IP-806030	800 x 600 x 300	750 x 530	2	IP-PSID8060	IP-PSRH6030	-	-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	-	-T33 -BLK -OR -RED
IP-1006030	1000 x 600 x 300	950 x 530	2	IP-PSID10060	IP-PSRH6030	-	-T33 -BLK -OR -RED
IP-1008030	1000 x 800 x 300	950 x 730	2	IP-PSID10080	IP-PSRH8030	-	-T33 -BLK -OR -RED
IP-1008040	1000 x 800 x 400	950 x 730	2	IP-PSID10080	IP-PSRH8040	-	-T33 -BLK -OR -RED
IP-1206030	1200 x 600 x 300	1150 x 530	2	IP-PSID12060	IP-PSRH6030	-	-T33 -BLK -OR -RED
IP-1208030	1200 x 800 x 300	1150 x 730	2	IP-PSID12080	IP-PSRH8030	-	-T33 -BLK -OR -RED
IP-1208040	1200 x 800 x 400	1150 x 730	2	IP-PSID12080	IP-PSRH8040	-	-T33 -BLK -OR -RED

SINGLE DOOR, LANDSCAPE ORIENTATION | IP66 IK10




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	-	-T33 -BLK -OR -RED
IP-L406030	400 x 600 x 300	350 x 530	1	IP-PSID4060	IP-PSRH6030	-	-T33 -BLK -OR -RED
IP-L608030	600 x 800 x 300	750 x 730	2	IP-PSID6080	IP-PSRH8030	-	-T33 -BLK -OR -RED

SINGLE DOOR, FLOOR STANDING WITH PEDESTAL | IP66 IK10



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

DOUBLE DOOR | IP55 IK10



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	-	-T34 -BLK -OR -RED
IP-L4012030	400 x 1200 x 300	350 x 1130	3-Point	-	IP-PSRH12030	-	-T35 -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	-	-T35 -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	-	-T34 -BLK -OR -RED
IP-12012030	1200 x 1200 x 300	1150 x 1130	3-Point	IP-PSID120120	IP-PSRH12030	-	-T35 -BLK -OR -RED
IP-12012040	1200 x 1200 x 400	1150 x 1130	3-Point	IP-PSID120120	IP-PSRH12040	-	-T33 -BLK -OR -RED

Mounted Electrical Enclosures

A1

Marine Grade Aluminium | Powder Coated

SINGLE DOOR | IP66 IK10



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.

Features & Specifications

A1

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

Protection: IP66 IK10

Standard: IEC/EN62208, 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

Mounted Electrical Enclosures

SS1

Stainless Steel Grade 316/316L (Optional 304)

SINGLE DOOR | IP66 IK10



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

Features & Specifications

SS1

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

Protection: IP66 IK10
(Independent accredited test laboratory)

Standard: IEC/EN62208, IEC/EN/AS60529, RoHS
(IEC/EN/AS61439 Compliant)



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

Surface Finish: 0.4 micron Ra surface brushed finish

Body: The robust monoblock body is fabricated using 1.5mm Grade 316/316L Stainless Steel (Grade 304 is also available). Flat face sealing surfaces are provided to increase seal life. Pre-fitted blind nutserts are incorporated to accommodate mounts and accessory fasteners to eliminate drilling and retain IP rating. Integral device plate mounts and M6 earth studs are provided. Cutting, pressing and full continuous seam welding using precision automated manufacturing equipment ensures accuracy and consistent high quality.

Single Door: The robust surface mounted door is fabricated using 1.5mm Grade 316/316L Stainless Steel and incorporates concealed removable hinges with captive pins (Grade 304 is also available). The door is designed for a 110° opening. Each door contains cable management rails, an M6 earth stud and a high quality machine-applied foamed in place (FIP) Polyurethane seal. Two internal cable management rails can be removed to provide additional space for equipment, duct and door mounted control components.

Seal: A high quality machine-applied full perimeter UL listed Polyurethane seal foamed in place (FIP) provides excellent sealing over a long life. Temperature resistance -40°C to 80°C (160°C short term loading).

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

Device Mounting Plate: The device mounting plate is fabricated using 1.5mm galvanised steel sheet, pressed to provide additional strength and supplied pre-fitted into the enclosure as standard.



Incorporates many advanced features as standard

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

Mounted Electrical Enclosures

Stainless Steel Grade 304 & 316L

SS2

DOUBLE DOOR | IP55 IK10



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

Features & Specifications

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

Protection: IP55 IK10
(Independent accredited test laboratory)

Standard: IEC/EN62208, IEC/EN/AS60529, RoHS
(IEC/EN/AS61439 Compliant)



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.

Surface Finish: 0.4 micron Ra surface brushed finish

Body: The robust monoblock body is fabricated using 1.5mm Grade 316/316L Stainless Steel (Grade 304 is also available). Flat face sealing surfaces are provided to increase seal life. Pre-fitted blind nutserts are incorporated to accommodate mounts and accessory fasteners to eliminate drilling and retain IP rating. Integral device plate mounts and M6 earth studs are provided. Cutting, pressing and full continuous seam welding using precision automated manufacturing equipment ensures accuracy and consistent high quality.

Double Doors: The robust surface mounted doors are fabricated using 1.5mm Grade 316/316L Stainless Steel and incorporates concealed removable hinges with captive pins (Grade 304 is also available). The doors are designed to eliminate the central mullion to improve accessibility into the enclosure. The doors are designed for a 110° opening. Each door contains cable management rails, an M6 earth stud and a high quality machine-applied foamed in place (FIP) Polyurethane seal. Internal cable management rails can be removed to provide additional space for equipment, duct and door mounted control components.

Seal: A high quality machine-applied full perimeter UL listed Polyurethane seal foamed in place (FIP) provides excellent sealing over a long life. Temperature resistance -40°C to 80°C (160°C short term loading).

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

Device Mounting Plate: The device mounting plate is fabricated using 1.5mm galvanised steel sheet, pressed to provide additional strength and supplied pre-fitted into the enclosure as standard.



Incorporates many advanced features as standard

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

Stainless Steel Grade 304 & 316L

SS1

SINGLE DOOR | IP66 IK10

Part Number	Optional	Enclosure Size	Device Plate	Locks	Accessories		
					Inner Door	Rain Hood	Transparent Door
Grade 316	Grade 304	H x W x D (mm)	H x W (mm)	Qty			
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-SS403020	IP-304-403020	400 x 300 x 200	350 x 230	1	IP-SSID4030	IP-SSRH3020	-
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-SS503020	IP-304-503020	500 x 300 x 200	450 x 230	1	IP-SSID5030	IP-SSRH3020	-
IP-SS504020	IP-304-504020	500 x 400 x 200	450 x 330	1	IP-SSID5040	IP-SSRH4020	-
IP-SS504025	IP-304-504025	500 x 400 x 250	450 x 330	1	IP-SSID5040	IP-SSRH4025	-
IP-SS505020	IP-304-505020	500 x 500 x 200	450 x 430	1	IP-SSID5050	IP-SSRH5020	-
IP-SS505025	IP-304-505025	500 x 500 x 250	450 x 430	1	IP-SSID5050	IP-SSRH5025	-
IP-SS505030	IP-304-505030	500 x 500 x 300	450 x 430	1	IP-SSID5050	-	-
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-SS705025	IP-304-705025	700 x 500 x 250	650 x 430	2	IP-SSID7050	IP-SSRH5025	-
IP-SS804030	IP-304-804030	800 x 400 x 300	750 x 330	2	IP-SSID8040	IP-SSRH4030	-
IP-SS806020	IP-304-806020	800 x 600 x 200	750 x 530	2	IP-SSID8060	IP-SSRH6020	-
IP-SS806025	IP-304-806025	800 x 600 x 250	750 x 530	2	IP-SSID8060	IP-SSRH6025	-
IP-SS806030	IP-304-806030	800 x 600 x 300	750 x 530	2	IP-SSID8060	IP-SSRH6030	-
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-SS1006030	IP-304-1006030	1000 x 600 x 300	950 x 530	2	IP-SSID10060	IP-SSRH6030	-
IP-SS1008030	IP-304-1008030	1000 x 800 x 300	950 x 730	2	IP-SSID10080	IP-SSRH8030	-
IP-SS1008040	IP-304-1008040	1000 x 800 x 400	950 x 730	2	IP-SSID10080	IP-SSRH8040	-
IP-SS1206030	IP-304-1206030	1200 x 600 x 300	1150 x 530	2	IP-SSID12060	IP-SSRH6030	-
IP-SS1208030	IP-304-1208030	1200 x 800 x 300	1150 x 730	2	IP-SSID12080	IP-SSRH8030	-
IP-SS1208040	IP-304-1208040	1200 x 800 x 400	1150 x 730	2	IP-SSID12080	IP-SSRH8040	-

SINGLE DOOR, LANDSCAPE ORIENTATION | IP66 IK10

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-SSL406030	IP-304-L406030	400 x 600 x 300	350 x 530	1	IP-SSID4060	IP-SSRH6030	-
IP-SSL608030	IP-304-L608030	600 x 800 x 300	550 x 730	2	IP-SSID6080	IP-SSRH8030	-

SINGLE DOOR, FLOOR STANDING WITH PEDESTAL | IP66 IK10

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-SSID14080	-	-
IP-SS1608040	IP-304-1608040	1600* x 800 x 400	1550 x 730	2	IP-SSID16080	-	-
IP-SS1608060	IP-304-1608060	1600* x 800 x 600	1550 x 730	2	IP-SSID16080	-	-
IP-SS20010040	IP-304-20010040	2000* x 1000 x 400	1950 x 930	2	IP-SSID200100	-	-

* +100mm base plinth

DOUBLE DOOR | IP55 IK10

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	2	IP-SSID40100	IP-SSRH10030	-
IP-SSL4010040	IP-304-L4010040	400 x 1000 x 400	350 x 930	2	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	2	-	IP-SSRH12030	-
IP-SSL4012040	IP-304-L4012040	400 x 1200 x 400	350 x 1130	2	-	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 IK10



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

SSR1

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: IP66 IK10

Standard: IEC/EN62208, IEC/EN/AS60529, RoHS



Material:

- Body: 1.2 Galvanised Steel Sheet
- Door: 1.2 Galvanised Steel Sheet
- Device Mounting Plate: 1.5mm Galvanised Steel Sheet
- Seal: Polyurethane

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

Mounted Electrical Enclosures

Steel | Powder Coated

SSR1-HD

SLOPING ROOF | SINGLE DOOR | HEAVY DUTY | IP66 IK10



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

SSR1-HD

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: IP66 IK10

Standard: IEC/EN62208, 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.

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 nuts 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: 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. Powder coated RAL9016 White.

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

Mounted Electrical Enclosures

SSR1-SUN

Steel | Powder Coated | Sun Shields

SLOPING ROOF | SINGLE DOOR | IP66 IK10 | 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: IP66 IK10

Standard: IEC/EN62208, IEC/EN/AS60529, RoHS



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

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.

SSR1-SUN



Part Number	Enclosure Size	Device Plate	Locks	Accessories		Option
Standard	H x W x D (mm)	H x W (mm)	Qty	Inner Door	Transparent Door	Colour
IP-SSR302015SUN	300 x 200 x 150	250 x 130	1	IP-PSID3020	-	-OR
IP-SSR303015SUN	300 x 300 x 150	250 x 230	1	IP-PSID3030	-	-OR
IP-SSR403020SUN	400 x 300 x 200	350 x 230	1	IP-PSID4030	-	-OR
IP-SSR404020SUN	400 x 400 x 200	350 x 330	1	IP-PSID4040	IP-4040WINDOOR	-OR
IP-SSR504020SUN	500 x 400 x 200	450 x 330	1	IP-PSID5040	-	-OR
IP-SSR504025SUN	500 x 400 x 250	450 x 330	1	IP-PSID5040	-	-OR
IP-SSR505025SUN	500 x 500 x 250	450 x 430	1	IP-PSID5050	-	-OR
IP-SSR604025SUN	600 x 400 x 250	550 x 330	2	IP-PSID6040	IP-6040WINDOOR	-OR
IP-SSR606030SUN	600 x 600 x 300	550 x 530	2	IP-PSID6060	IP-6060WINDOOR	-OR
IP-SSR806030SUN	800 x 600 x 300	750 x 530	2	IP-PSID8060	-	-OR
IP-SSR808030SUN	800 x 800 x 300	750 x 730	2	IP-PSID8080	IP-8080WINDOOR	-OR
IP-SSR1007040SUN	1000 x 700 x 400	950 x 630	2	-	-	-OR
IP-SSR1008030SUN	1000 x 800 x 300	950 x 730	2	IP-PSID10080	-	-OR

Mounted Electrical Enclosures

Stainless Steel Grade 316/316L

SSSR1

SLOPING ROOF | SINGLE DOOR | IP66 IK10



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.

SSSR1

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: IP66 IK10

Standard: IEC/EN62208, IEC/EN/AS60529, RoHS



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.

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-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-SSSR504025	500 x 400 x 250	450 x 330	1	IP-SSID5040	-
IP-SSSR505025	500 x 500 x 250	450 x 430	1	IP-SSID5050	-
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-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	-

Mounted Electrical Enclosures

Stainless Steel Grade 316/316L

SSSR1-HD

SLOPING ROOF | SINGLE DOOR | HEAVY DUTY | IP66 IK10



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

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: IP66 IK10, NEMA 4x

Standard: IEC/EN62208, IEC/EN/AS60529, RoHS



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.

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 nuts 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 RAL9016 White.

SSSR1-HD



Part Number	Enclosure Size	Device Plate	Locks	Accessories	
				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-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-SSSR504025-HD	500 x 400 x 250	450 x 330	1	IP-SSID5040	-
IP-SSSR505025-HD	500 x 500 x 250	450 x 430	1	IP-SSID5050	-
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-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	-

Partitioned Electrical Enclosures

S1-P

Steel | Powder Coated

2 x SINGLE DOOR | IP66 IK10



Partitioned Electrical Enclosures are designed to house low voltage electrical equipment including switchgear and controlgear assemblies. They are based on our standard range but are provided in a range of various configurations to allow partitioning and separation of components into two separate IP rated compartments.

Features & Specifications

The range of standard partitioned electrical enclosures are rated for protection of each compartment up to IP66. They are powder-coated galvanised steel, suitable for heavy duty applications.

Protection: IP66 IK10 (Independent accredited test laboratory).

Standard: IEC/EN62208, IEC/EN/AS60529, RoHS, CE, UKCA



Material:

- Body: 1.2mm galvanised steel sheet
- Gland Plate: 1.5mm galvanised steel sheet
- Doors: 1.5mm galvanised steel sheet
- Device Mounting Plates: 1.5mm galvanised steel sheet
- Seals: Polyurethane

Enclosure Body: The robust monoblock body is fabricated using galvanised steel sheet (1.2mm-1.5mm) and consist of two separate fully sealed IP rated compartments. 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.

Enclosure Doors: Two robust surface mounted doors are fabricated using 1.5mm galvanised steel sheet and incorporate concealed removable hinges with captive pins. 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. The internal cable management rails can be removed to provide additional space for equipment, duct and door mounted control components.

Enclosure Seals: High quality machine-applied full perimeter UL listed Polyurethane foamed in place (FIP) seals provide excellent sealing over a long life. Temperature resistance -40°C to 80°C (160°C short term loading).

Enclosure Locks: Chrome 5mm double bit insert quarter turn locks with key. A full range of locking solutions are available upon request.

Device Mounting Plates: A device mounting plate is located in each separate compartment and is fabricated using 1.5mm galvanised steel sheet. They are pressed to provide strength and are pre-fitted into the enclosure as standard.

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

Surface Treatment: UL approved 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. Refer to Electrical Enclosure Colours.



SINGLE DOOR I IP66 IK10

Vertical Configuration

Part Number	Enclosure Size	Number/Size of Compartments	Accessory Base
Standard	H x W x D (mm)	Qty x H x W x D (mm)	SKU
IP-80P4040	800 x 400 x 400	2 x 400H x 400W x 400D Compartments	IP-PLINTH4040
IP-100P5050	1000 x 500 x 500	2 x 500H x 500W x 500D Compartments	IP-PLINTH5050
IP-120P6060	1200 x 600 x 600	2 x 600H x 600W x 600D Compartments	IP-PLINTH6060

Horizontal Configuration

Part Number	Enclosure Size	Number/Size of Compartments	Accessory Base
Standard	H x W x D (mm)	Qty x H x W x D (mm)	SKU
IP-8040P40	800 x 400 x 400	2 x 400H x 400W x 400D Compartments	IP-PLINTH4040
IP-10050P50	1000 x 500 x 500	2 x 500H x 500W x 500D Compartments	IP-PLINTH5050
IP-12060P60	1200 x 600 x 600	2 x 600H x 600W x 600D Compartments	IP-PLINTH6060

Back to Back Configuration

Part Number	Enclosure Size	Number/Size of Compartments	Accessory Base
Standard	H x W x D (mm)	Qty x H x W x D (mm)	SKU
IP-804040P	800 x 400 x 400	2 x 400H x 400W x 400D Compartments	IP-PLINTH4040
IP-1005050P	1000 x 500 x 500	2 x 500H x 500W x 500D Compartments	IP-PLINTH5050
IP-1206060P	1200 x 600 x 600	2 x 600H x 600W x 600D Compartments	IP-PLINTH6060

Note: A full range of partitioned electrical enclosures are available to suit standard electrical enclosure sizes.

Accessories

WINDOOR™

Transparent Door | Wall Mounted

IP66

IP Enclosures provide a range of transparent 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: IP66

Standard: IEC/EN/AS60529, RoHS



STEEL RANGE

- Enclosure Door: 1.5mm galvanised steel sheet
- Enclosure Seal: Polyurethane

Door: Fabricated from 1.5mm galvanised steel sheet incorporating concealed removable hinges with captive pins. Provided with recessed windows 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

Door: Fabricated from 1.5mm Grade 316/316L Stainless Steel incorporating concealed removable hinges with captive pins. Provided with recessed windows with seal.

Seal: Machine applied Polyurethane foamed in place (FIP).

Lock: 316ss 8mm square drive quarter turn lock.



STEEL



Size	Part Number	Part Number Suffix
H x W (mm)	Polycarbonate	Optional Colours
400 x 400	IP-SS4040WINDOOR	-T33 -BLK -OR -RED
600 x 400	IP-SS6040WINDOOR	-T33 -BLK -OR -RED
600 x 600	IP-SS6060WINDOOR	-T33 -BLK -OR -RED
800 x 800	IP-SS8080WINDOOR	-T33 -BLK -OR -RED

316 STAINLESS STEEL

Size	Part Number
H x W (mm)	Polycarbonate
400 x 400	IP-SS4040WINDOOR
600 x 400	IP-SS6040WINDOOR
600 x 600	IP-SS6060WINDOOR
800 x 800	IP-SS8080WINDOOR

Accessories

VENTDOOR™

Vented Door | Wall Mounted

IP Enclosures provide a range of vented doors that can be easily fitted to our range of electrical enclosures. Vented doors are provided as a standard accessory. Simply remove the existing door and replace with a vented door. Vented doors feature pressed louvre vents to enable ventilation.

The pressed louvre vents with mesh are located at the bottom and top of the door to enable improved air circulation.

STEEL RANGE

Material: 1.2mm to 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. A full range of other colour options are available upon request. Refer to Electrical Enclosures Colours.

STAINLESS STEEL RANGE

Material: 1.5mm Grade 316/316L Stainless Steel.

STEEL



Size	Part Number	Part Number Suffix
W x D (mm)	SKU	Optional Colours
400 x 300	IP-4030VENTDOOR	T33 -BLK -OR -RED
400 x 400	IP-4040VENTDOOR	T33 -BLK -OR -RED
500 x 500	IP-5050VENTDOOR	T33 -BLK -OR -RED
600 x 400	IP-6040VENTDOOR	T33 -BLK -OR -RED
600 x 600	IP-6060VENTDOOR	T33 -BLK -OR -RED
800 x 600	IP-8060VENTDOOR	T33 -BLK -OR -RED

STAINLESS STEEL

Size	Part Number
W x D (mm)	SKU
400 x 300	IP-SS4030VENTDOOR
400 x 400	IP-SS4040VENTDOOR
500 x 500	IP-SS5050VENTDOOR
600 x 400	IP-SS6040VENTDOOR
600 x 600	IP-SS6060VENTDOOR
800 x 600	IP-SS8060VENTDOOR



Accessories

3PL

3-Point Locking Doors | Wall Mounted

IP Enclosures provide a range of steel and stainless steel doors for electrical enclosures incorporating a 3-point locking system with key-lock swing handle. 3-point locking doors are optional interchangeable doors that can be easily fitted to new or existing IP Enclosures electrical enclosures. The construction of the door and seal is identical to the existing door to maintain the existing IP rating.

STEEL RANGE

Material: 1.5mm Galvanised steel sheet

Lock: 3-point locking system with key-lock swing handle

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

Standard colour: RAL7035. Other colour options are available. Refer to Electrical Enclosure Colours.

STAINLESS STEEL RANGE

Material: 1.5mm Grade 316/316L Stainless Steel (Optional 304)

Lock: 3-point locking system with key-lock swing handle



STEEL

Part Number/SKU	Description
IP-6040DOOR3PL	600H x 400W Door with 3-Point Locking and Key-Lock Swing Handle
IP-6060DOOR3PL	600H x 600W Door with 3-Point Locking and Key-Lock Swing Handle
IP-8060DOOR3PL	800H x 600W Door with 3-Point Locking and Key-Lock Swing Handle
IP-8080DOOR3PL	800H x 800W Door with 3-Point Locking and Key-Lock Swing Handle

STAINLESS STEEL

Part Number/SKU	Description
IP-SS6040DOOR3PL	600H x 400W 316SS Door with 3-Point Locking and Key-Lock Swing Handle
IP-SS6060DOOR3PL	600H x 600W 316SS Door with 3-Point Locking and Key-Lock Swing Handle
IP-SS8060DOOR3PL	800H x 600W 316SS Door with 3-Point Locking and Key-Lock Swing Handle
IP-SS8080DOOR3PL	800H x 800W 316SS Door with 3-Point Locking and Key-Lock Swing Handle



Inner Door Escutcheons | Wall Mounted

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 below.



STEEL



Size H x W (mm)	Accessories Inner Door	Inner Door to Outer Door	Clearance Dimensions Inner Door to Mounting Plate: Enclosure Depth					Part Number Suffix Optional Colours				
			150mm	200mm	250mm	300mm	400mm	-T33	-BLK	-OR	-RED	
300 x 200	IP-PSID3020	68.3mm	67.8mm	-	-	-	-	-	-T33	-BLK	-OR	-RED
300 x 300	IP-PSID3030	68.3mm	67.8mm	117.8mm	-	-	-	-	-T33	-BLK	-OR	-RED
400 x 300	IP-PSID4030	68.3mm	-	117.8mm	-	217.8mm	-	-	-T33	-BLK	-OR	-RED
400 x 400	IP-PSID4040	68.3mm	-	117.8mm	-	217.8mm	-	-	-T33	-BLK	-OR	-RED
500 x 300	IP-PSID5030	68.3mm	67.8mm	117.8mm	-	-	-	-	-T33	-BLK	-OR	-RED
500 x 400	IP-PSID5040	68.3mm	-	117.8mm	167.8mm	-	-	-	-T33	-BLK	-OR	-RED
500 x 500	IP-PSID5050	68.3mm	-	117.8mm	167.8mm	217.8mm	-	-	-T33	-BLK	-OR	-RED
600 x 400	IP-PSID6040	68.3mm	-	117.8mm	167.8mm	217.8mm	-	-	-T33	-BLK	-OR	-RED
600 x 600	IP-PSID6060	68.3mm	-	117.8mm	-	217.8mm	317.8mm	-	-T33	-BLK	-OR	-RED
700 x 500	IP-PSID7050	68.3mm	-	117.8mm	167.8mm	-	-	-	-T33	-BLK	-OR	-RED
800 x 600	IP-PSID8060	68.3mm	-	117.8mm	167.8mm	217.8mm	-	-	-T33	-BLK	-OR	-RED
800 x 800	IP-PSID8080	68.3mm	-	117.8mm	-	217.8mm	317.8mm	-	-T33	-BLK	-OR	-RED
1000 x 600	IP-PSID10060	68.3mm	-	-	167.8mm	217.8mm	-	-	-T33	-BLK	-OR	-RED
1000 x 800	IP-PSID10080	68.3mm	-	117.8mm	-	217.8mm	317.8mm	-	-T33	-BLK	-OR	-RED
1000 x 1000	IP-PSID100100	68.3mm	-	-	-	217.8mm	317.8mm	-	-T33	-BLK	-OR	-RED
1200 x 600	IP-PSID12060	68.3mm	-	-	-	217.8mm	-	-	-T33	-BLK	-OR	-RED
1200 x 800	IP-PSID12080	68.3mm	-	-	-	217.8mm	317.8mm	-	-T33	-BLK	-OR	-RED
1200 x 1000	IP-PSID120100	68.3mm	-	-	-	217.8mm	317.8mm	-	-T33	-BLK	-OR	-RED
1200 x 1200	IP-PSID120120	68.3mm	-	-	-	217.8mm	317.8mm	-	-T33	-BLK	-OR	-RED

STAINLESS STEEL RANGE

Material: 1.2-1.5mm Grade 316/316L Stainless Steel

Lock: 316 Stainless Steel 8mm square drive quarter turn lock.

STAINLESS STEEL

Size H x W (mm)	Accessories Inner Door	Inner Door to Outer Door	Clearance Dimensions Inner Door to Mounting Plate: Enclosure Depth				
			150mm	200mm	250mm	300mm	400mm
300 x 200	IP-SSID3020	68mm	67.2mm	-	-	-	-
300 x 300	IP-SSID3030	68mm	67.2mm	117.2mm	-	-	-
400 x 300	IP-SSID4030	68mm	67.2mm	117.2mm	-	-	-
400 x 400	IP-SSID4040	68mm	-	117.2mm	-	-	-
500 x 400	IP-SSID5040	68mm	-	-	167.2mm	-	-
500 x 500	IP-SSID5050	68mm	-	117.2mm	167.2mm	-	-
600 x 400	IP-SSID6040	68mm	-	117.2mm	-	217.2mm	317.2mm
600 x 600	IP-SSID6060	68mm	-	117.2mm	-	217.2mm	317.2mm
700 x 500	IP-SSID7050	68mm	-	-	167.2mm	-	-
800 x 600	IP-SSID8060	68mm	-	-	167.2mm	217.2mm	-
800 x 800	IP-SSID8080	68mm	-	-	-	217.2mm	-
1000 x 600	IP-SSID10060	68mm	-	-	-	217.2mm	-
1000 x 800	IP-SSID10080	68mm	-	-	-	217.2mm	317.2mm
1000 x 1000	IP-SSID100100	68mm	-	-	-	217.2mm	317.2mm
1200 x 800	IP-SSID12080	68mm	-	-	-	217.2mm	-
1200 x 1000	IP-SSID120100	68mm	-	-	-	217.2mm	317.2mm
1200 x 1200	IP-SSID120120	68mm	-	-	-	217.2mm	317.2mm



DIN Rail Kits I Wall Mounted

The IP Enclosures DIN Rail Kits are designed to be easily fitted to IP Enclosures electrical enclosures without drilling. They can be fitted into steel and stainless steel enclosures.

DIN Rail 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: Galvanised steel sheet

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
IP-DBFILLER	10 Pole Filler	-

Rain Hoods I Wall Mounted

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	-OR	-RED
300 x 150	IP-PSRH3015	-T33	-OR	-RED
300 x 200	IP-PSRH3020	-T33	-OR	-RED
400 x 150	IP-PSRH4015	-T34	-OR	-RED
400 x 200	IP-PSRH4020	-T35	-OR	-RED
400 x 250	IP-PSRH4025	-T33	-OR	-RED
500 x 200	IP-PSRH5020	-T33	-OR	-RED
500 x 250	IP-PSRH5025	-T33	-OR	-RED
600 x 200	IP-PSRH6020	-T31	-OR	-RED
600 x 250	IP-PSRH6025	-T32	-OR	-RED
600 x 300	IP-PSRH6030	-T33	-OR	-RED
800 x 200	IP-PSRH8020	-T33	-OR	-RED
800 x 300	IP-PSRH8030	-T33	-OR	-RED
800 x 400	IP-PSRH8040	-T33	-OR	-RED
1000 x 300	IP-PSRH10030	-T33	-OR	-RED
1000 x 400	IP-PSRH10040	-T33	-OR	-RED
1200 x 300	IP-PSRH12030	-T33	-OR	-RED
1200 x 400	IP-PSRH12040	-T33	-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



Accessories

SHL

Shelf Kits | Wall Mounted

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

Shelf Rating: 75kg



Part Number	Size	Shelf Rating
SKU	H x W x D (mm)	Kg
IP-SHL6030	600 H x 600 W x 300 D	75
IP-SHL6040	600H x 600 W x 400 D	75
IP-SHL8030	800H x 800 W x 300 D	75
IP-SHL8040	800H x 800 W x 400 D	75
IP-SHL10030	1000H x 1000 W x 300 D	75
IP-SHL10040	1000H x 1000 W x 400 D	75
IP-SHL12030	1200H x 1200 W x 300 D	75
IP-SHL12040	1200H x 1200 W x 400 D	75

Accessories

Mounting Brackets & Stands

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

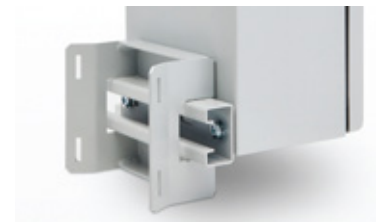
Stainless Steel

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

Stainless Steel

Part Number	Part Number	Description
IP-PMSC43	IP-SSPMSC43	Ø43 Pole Mount Clamp to suit 32NB Pipe
IP-PMSC48	IP-SSPMSC48	Ø48 Pole Mount Clamp to suit 40NB Pipe
IP-PMSC60	IP-SSPMSC60	Ø60 Pole Mount Clamp to suit 50NB Pipe
IP-PMSC89	IP-SSPMSC89	Ø89 Pole Mount Clamp to suit 80NB Pipe
IP-PMSC115	IP-SSPMSC115	Ø115 Pole Mount Clamp to suit 100NB Pipe
IP-PMSC140	IP-SSPMSC140	Ø140 Pole Mount Clamp to suit 125NB Pipe
IP-PMSC165	IP-SSPMSC165	Ø165 Pole Mount Clamp to suit 150NB Pipe
IP-PMSC220	IP-SSPMSC220	Ø220 Pole Mount Clamp to suit 200NB Pipe

NOTE: Includes 2 x Channel Spring Nuts and Washers



PLINTHS (100mm High Base)

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



Solar Panel Brackets

IP Enclosures provide a range of solar panel brackets for electrical enclosures. Solar panel brackets are designed to fit existing encapsulated nutserts that are provided on standard IP Enclosures electrical enclosures to enable ease of fitting without drilling. The angle of the solar panel can be adjusted to allow for optimum solar panel performance.

STEEL RANGE

Material: Galvanised steel sheet

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

Standard colour: RAL7035. A full range of other colour options are available upon request. Refer to *Electrical Enclosures Colours*.



STEEL

Part Number	Description	To suit Enclosure* (W x D)	To suit Solar Panel**
IP-SOL2515	Steel Solar Panel Bracket Set (Including 2 Brackets & Fasteners)	250mm x 150mm	SY2-M5W-8M
IP-SOL3015	Steel Solar Panel Bracket Set (Including 2 Brackets & Fasteners)	300mm x 150mm	SY2-M10W-8M
IP-SOL3020	Steel Solar Panel Bracket Set (Including 2 Brackets & Fasteners)	300mm x 200mm	SY2-M10W-8M
IP-SOL4020	Steel Solar Panel Bracket Set (Including 2 Brackets & Fasteners)	400mm x 200mm	SY2-M20W-5M
IP-SOL6030	Steel Solar Panel Bracket Set (Including 2 Brackets & Fasteners)	600mm x 300mm	SY2-M30W-5M

*Depth of enclosure is fixed based on hole centers of bracket. Width is recommendation only to suit nominated solar panel.

**Nominated solar panel only. Other solar panels may be used but hole centers of other solar panels may vary.

STAINLESS STEEL RANGE

Material: Grade 316/316L Stainless Steel.



STAINLESS STEEL

Part Number	Description	To suit Enclosure* (W x D)	To suit Solar Panel**
IP-SOLSS2515	316SS Solar Panel Bracket Set (Including 2 Brackets & Fasteners)	250mm x 150mm	SY2-M5W-8M
IP-SOLSS3015	316SS Solar Panel Bracket Set (Including 2 Brackets & Fasteners)	300mm x 150mm	SY2-M10W-8M
IP-SOLSS3020	316SS Solar Panel Bracket Set (Including 2 Brackets & Fasteners)	300mm x 200mm	SY2-M10W-8M
IP-SOLSS4020	316SS Solar Panel Bracket Set (Including 2 Brackets & Fasteners)	400mm x 200mm	SY2-M20W-5M
IP-SOLSS6030	316SS Solar Panel Bracket Set (Including 2 Brackets & Fasteners)	600mm x 300mm	SY2-M30W-5M

*Depth of enclosure is fixed based on hole centers of bracket. Width is recommendation only to suit nominated solar panel.

**Nominated solar panel only. Other solar panels may be used but hole centers of other solar panels may vary.

Accessories

Gland Plates | Brass & Aluminium

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
Part Number/SKU	Size x Description
IP-GPB3-1	143 x 87 x 3mm Aluminium Gland Plate
IP-GPB3-2	247 x 126 x 3mm Aluminium Gland Plate
IP-GPB3-3	297 x 126 x 3mm Aluminium Gland Plate



ALUMINIUM

Part Number SKU	Non-Ventilated
Part Number/SKU	Size x Description
IP-GPA3-1	143 x 87 x 3mm Aluminium Gland Plate
IP-GPA3-2	247 x 126 x 3mm Aluminium Gland Plate
IP-GPA3-3	297 x 126 x 3mm Aluminium Gland Plate
IP-GPA5-1	143 x 87 x 5mm Aluminium Gland Plate
IP-GPA5-2	247 x 126 x 5mm Aluminium Gland Plate
IP-GPA5-3	297 x 126 x 5mm Aluminium Gland Plate



SIZE SELECTION TABLE

Enclosure Size H x W (mm)	Cutout Size	Gland Plate Size W x H (mm)	Quantity	3mm Brass	3mm Aluminium	5mm Aluminium
200 x 150	110 x 56	143 x 87	1	IP-GPB3-1	IP-GPA3-1	IP-GPA5-1
250 x 150	110 x 56	143 x 87	1	IP-GPB3-1	IP-GPA3-1	IP-GPA5-1
300 x 150	110 x 56	143 x 87	1	IP-GPB3-1	IP-GPA3-1	IP-GPA5-1
300 x 200	214 x 95	247 x 126	1	IP-GPB3-2	IP-GPA3-2	IP-GPA5-2
400 x 200	214 x 95	247 x 126	1	IP-GPB3-2	IP-GPA3-2	IP-GPA5-2
400 x 250	214 x 95	247 x 126	1	IP-GPB3-2	IP-GPA3-2	IP-GPA5-2
500 x 200	364 x 95	297 x 126	1	IP-GPB3-3	IP-GPA3-3	IP-GPA5-3
600 x 200	364 x 95	297 x 126	1	IP-GPB3-3	IP-GPA3-3	IP-GPA5-3
600 x 300	364 x 95	297 x 126	1	IP-GPB3-3	IP-GPA3-3	IP-GPA5-3
600 x 400	364 x 95	297 x 126	1	IP-GPB3-3	IP-GPA3-3	IP-GPA5-3
800 x 200	214 x 95	247 x 126	2	IP-GPB3-2	IP-GPA3-2	IP-GPA5-2
800 x 300	214 x 95	247 x 126	2	IP-GPB3-2	IP-GPA3-2	IP-GPA5-2
800 x 400	214 x 95	247 x 126	2	IP-GPB3-2	IP-GPA3-2	IP-GPA5-2
1000 x 300	364 x 95	297 x 126	2	IP-GPB3-3	IP-GPA3-3	IP-GPA5-3
1000 x 400	364 x 95	297 x 126	2	IP-GPB3-3	IP-GPA3-3	IP-GPA5-3
1200 x 300	364 x 95	297 x 126	2	IP-GPB3-3	IP-GPA3-3	IP-GPA5-3
1200 x 400	364 x 95	297 x 126	2	IP-GPB3-3	IP-GPA3-3	IP-GPA5-3

Accessories

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

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 self-adhesive polycarbonate, steel or stainless steel.



Part Number	Description
IP-PCPPA4	A4 wiring plan pocket, Self-Adhesive Polycarbonate
IP-PSPPA4	A4 wiring plan pocket, Powdercoated Steel
IP-SPPA4	A4 wiring plan pocket, 316 Stainless Steel

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

Colour: Silver

Type: TS35 Slotted



Part Number	Description	Dimensions (L x W x D)	To Suit Enclosure (Width)
IP-DINRAIL7.5X35-130	DIN RAIL x 130mm (Pack of 10)	130mm x 35mm x 7.5mm	200mm
IP-DINRAIL7.5X35-230	DIN RAIL x 230mm (Pack of 10)	230mm x 35mm x 7.5mm	300mm
IP-DINRAIL7.5X35-330	DIN RAIL x 330mm (Pack of 10)	330mm x 35mm x 7.5mm	400mm
IP-DINRAIL7.5X35-430	DIN RAIL x 430mm (Pack of 10)	430mm x 35mm x 7.5mm	500mm
IP-DINRAIL7.5X35-530	DIN RAIL x 530mm (Pack of 10)	530mm x 35mm x 7.5mm	600mm

Floor Standing Electrical Cabinets

Steel | Powder Coated

MF1S

SINGLE DOOR | IP55 IK10



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.

MF1S

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: IP55 IK10
(Independent accredited test laboratory)

Standard: IEC/EN62208, IEC/EN61439-1,2, AS/EN/IEC60529



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 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: 100mm high base

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



Floor Standing Electrical Cabinets

Stainless Steel Grade 316/316L

MF1SS

SINGLE DOOR | IP55 IK10



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.

MF1SS

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

Protection: IP55 IK10
(Independent accredited test laboratory)

Standard: IEC/EN62208, IEC/EN61439-1,2, AS/EN/IEC60529



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 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: 100mm high base

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	
	KIT	H	x	W	x	D	Enclosure	Side Panel	Device Plate	Base
IP-MFS1626040-KIT	1620	x	600	x	400	IP-MFS1626040	IP-MFSP16040	IP-MFSM16040	IP-MFSB6040	IP-MFSID16260
IP-MFS1626060-KIT	1620	x	600	x	600	IP-MFS1626060	IP-MFSP16260	IP-MFSM16260	IP-MFSB6060	IP-MFSID16260
IP-MFS1626080-KIT	1620	x	600	x	800	IP-MFS1626080	IP-MFSP16280	IP-MFSM16260	IP-MFSB6080	IP-MFSID16260
IP-MFS1628040-KIT	1620	x	800	x	400	IP-MFS1628040	IP-MFSP16240	IP-MFSM16280	IP-MFSB8040	IP-MFSID16280
IP-MFS1628060-KIT	1620	x	800	x	600	IP-MFS1628060	IP-MFSP16260	IP-MFSM16280	IP-MFSB8060	IP-MFSID16280
IP-MFS1628080-KIT	1620	x	800	x	800	IP-MFS1628080	IP-MFSP16280	IP-MFSM16280	IP-MFSB8080	IP-MFSID16280
IP-MFS16210060-KIT	1620	x	1000	x	600	IP-MFS16210060	IP-MFSP16260	IP-MFSM162100	IP-MFSB10060	-
IP-MFS16210080-KIT	1620	x	1000	x	800	IP-MFS16210080	IP-MFSP16280	IP-MFSM162100	IP-MFSB10080	-
IP-MFS16212060-KIT	1620	x	1200	x	600	IP-MFS16212060	IP-MFSP16260	IP-MFSM162120	IP-MFSB12060	-
IP-MFS16212080-KIT	1620	x	1200	x	800	IP-MFS16212080	IP-MFSP16280	-	IP-MFSB12080	-
IP-MFS1866040-KIT	1860	x	600	x	400	IP-MFS1866040	IP-MFSP18640	IP-MFSM18660	IP-MFSB6040	IP-MFSID18660
IP-MFS1866060-KIT	1860	x	600	x	600	IP-MFS1866060	IP-MFSP18660	IP-MFSM18660	IP-MFSB6060	IP-MFSID18660
IP-MFS1866080-KIT	1860	x	600	x	800	IP-MFS1866080	IP-MFSP18680	IP-MFSM18660	IP-MFSB6080	IP-MFSID18660
IP-MFS1868040-KIT	1860	x	800	x	400	IP-MFS1868040	IP-MFSP18640	IP-MFSM18680	IP-MFSB8040	IP-MFSID18680
IP-MFS1868060-KIT	1860	x	800	x	600	IP-MFS1868060	IP-MFSP18660	IP-MFSM18680	IP-MFSB8060	IP-MFSID18680
IP-MFS1868080-KIT	1860	x	800	x	800	IP-MFS1868080	IP-MFSP18680	IP-MFSM18680	IP-MFSB8080	IP-MFSID18680
IP-MFS18610060-KIT	1860	x	1000	x	600	IP-MFS18610060	IP-MFSP18660	IP-MFSM186100	IP-MFSB10060	IP-MFSID186100
IP-MFS18610080-KIT	1860	x	1000	x	800	IP-MFS18610080	IP-MFSP18680	IP-MFSM186100	IP-MFSB10080	IP-MFSID186100
IP-MFS18612060-KIT	1860	x	1200	x	600	IP-MFS18612060	IP-MFSP18660	IP-MFSM186120	IP-MFSB12060	IP-MFSID186120
IP-MFS18612080-KIT	1860	x	1200	x	800	IP-MFS18612080	IP-MFSP18680	IP-MFSM186120	IP-MFSB12080	IP-MFSID186120
IP-MFS2026040-KIT	2020	x	600	x	400	IP-MFS2026040	IP-MFSP20240	IP-MFSM20260	IP-MFSB6040	IP-MFSID20260
IP-MFS2026060-KIT	2020	x	600	x	600	IP-MFS2026060	IP-MFSP20260	IP-MFSM20260	IP-MFSB6060	IP-MFSID20260
IP-MFS2026080-KIT	2020	x	600	x	800	IP-MFS2026080	IP-MFSP20280	IP-MFSM20260	IP-MFSB6080	IP-MFSID20260
IP-MFS2028040-KIT	2020	x	800	x	400	IP-MFS2028040	IP-MFSP20240	IP-MFSM20280	IP-MFSB8040	IP-MFSID20280
IP-MFS2028060-KIT	2020	x	800	x	600	IP-MFS2028060	IP-MFSP20260	IP-MFSM20280	IP-MFSB8060	IP-MFSID20280
IP-MFS2028080-KIT	2020	x	800	x	800	IP-MFS2028080	IP-MFSP20280	IP-MFSM20280	IP-MFSB8080	IP-MFSID20280
IP-MFS20210060-KIT	2020	x	1000	x	600	IP-MFS20210060	IP-MFSP20260	IP-MFSM202100	IP-MFSB10060	IP-MFSID202100
IP-MFS20210080-KIT	2020	x	1000	x	800	IP-MFS20210080	IP-MFSP20280	IP-MFSM202100	IP-MFSB10080	IP-MFSID202100
IP-MFS20212060-KIT	2020	x	1200	x	600	IP-MFS20212060	IP-MFSP20260	IP-MFSM202120	IP-MFSB12060	IP-MFSID202120
IP-MFS20212080-KIT	2020	x	1200	x	800	IP-MFS20212080	IP-MFSP20280	IP-MFSM202120	IP-MFSB12080	IP-MFSID202120

*1200 Wide Cabinets = Double Door

Part Number	Cabinet Size			Supplied with KIT				Accessories		
KIT	H	x	W	x	D	Enclosure	Side Panel	Device Plate	Base	Inner Door
IP-MFSS1626040-KIT	1620	x	600	x	400	IP-MFSS1626040	IP-MFSSP16040	IP-MFSSM16040	IP-MFSSB6040	IP-IP-MFSSID16260
IP-MFSS1626060-KIT	1620	x	600	x	600	IP-MFSS1626060	IP-MFSSP16260	IP-MFSSM16260	IP-MFSSB6060	IP-IP-MFSSID16260
IP-MFSS1626080-KIT	1620	x	600	x	800	IP-MFSS1626080	IP-MFSSP16280	IP-MFSSM16260	IP-MFSSB6080	IP-IP-MFSSID16260
IP-MFSS1628040-KIT	1620	x	800	x	400	IP-MFSS1628040	IP-MFSSP16240	IP-MFSSM16280	IP-MFSSB8040	IP-IP-MFSSID16280
IP-MFSS1628060-KIT	1620	x	800	x	600	IP-MFSS1628060	IP-MFSSP16260	IP-MFSSM16280	IP-MFSSB8060	IP-IP-MFSSID16280
IP-MFSS1628080-KIT	1620	x	800	x	800	IP-MFSS1628080	IP-MFSSP16280	IP-MFSSM16280	IP-MFSSB8080	IP-IP-MFSSID16280
IP-MFSS1866040-KIT	1860	x	600	x	400	IP-MFSS1866040	IP-MFSSP18640	IP-MFSSM18660	IP-MFSSB6040	IP-IP-MFSSID18660
IP-MFSS1866060-KIT	1860	x	600	x	600	IP-MFSS1866060	IP-MFSSP18660	IP-MFSSM18660	IP-MFSSB6060	IP-IP-MFSSID18660
IP-MFSS1866080-KIT	1860	x	600	x	800	IP-MFSS1866080	IP-MFSSP18680	IP-MFSSM18660	IP-MFSSB6080	IP-IP-MFSSID18660
IP-MFSS1868040-KIT	1860	x	800	x	400	IP-MFSS1868040	IP-MFSSP18640	IP-MFSSM18680	IP-MFSSB8040	IP-IP-MFSSID18680
IP-MFSS1868060-KIT	1860	x	800	x	600	IP-MFSS1868060	IP-MFSSP18660	IP-MFSSM18680	IP-MFSSB8060	IP-IP-MFSSID18680
IP-MFSS1868080-KIT	1860	x	800	x	800	IP-MFSS1868080	IP-MFSSP18680	IP-MFSSM18680	IP-MFSSB8080	IP-IP-MFSSID18680

Inner Door Escutcheons | Floor Standing

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
H	x W	Inner Door
1620	x 400	IP-MFSID16240
1620	x 600	IP-MFSID16260
1620	x 800	IP-MFSID16280
1860	x 400	IP-MFSID18640
1860	x 600	IP-MFSID18660
1860	x 800	IP-MFSID18680
1860	x 1000	IP-MFSID186100
2020	x 400	IP-MFSID20240
2020	x 600	IP-MFSID20260
2020	x 800	IP-MFSID20280
2020	x 1000	IP-MFSID202100

STAINLESS STEEL

Size		Accessories
H	x 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
2020	x 400	IP-MFSSID20240
2020	x 600	IP-MFSSID20260
2020	x 800	IP-MFSSID20280
2020	x 1000	IP-MFSSID202100



Accessories

SHL

Shelf Kits | Floor Standing

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.

Standard colour: RAL7035. A full range of other colour options are available upon request.



Part Number	Description	Shelf Rating
SKU	Width x Depth (mm)	Kg
IP-SHL6060	600W x 600D Shelf System	50
IP-SHL6080	600W x 800D Shelf System	50
IP-SHL8060	800W x 600D Shelf System	50
IP-SHL8080	800W x 800D Shelf System	50
IP-SHL10060	1000W x 600D Shelf System	50
IP-SHL10080	1000W x 800D Shelf System	50



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.

Standard colour: RAL7035. A full range of other colour options are available upon request.

Part Number	Description	Shelf Rating
SKU	Width (mm)	Kg
IP-MFS600LECTERN	600W Sliding Shelf	25
IP-MFS800LECTERN	800W Sliding Shelf	25



Cover Plates & Brackets

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.

Standard colour: 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 Plates Removed

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

Mounting Plates, DIN Rail & Brackets

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.

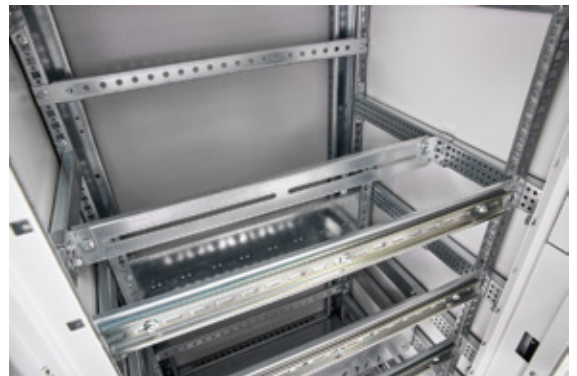
DIN RAIL & BRACKETS

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

Wall Mounted IP66 19" Data Racks

SDW

Steel | Powder Coated

SINGLE DOOR | IP66 IK10 | (OPTIONAL HINGED REAR SWING FRAME)



The IP Enclosures SDW range of wall mounted IP66 19" data racks are designed for 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

SDW

IP Enclosures SDW range of IP66 19" data racks are designed for 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: IP66 IK10

Standard: IEC/EN62208, 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. 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.

NOTE: Hinged Rear Swing Frame option available. Refer to table below.

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	Part Number (Optional)	Size	Part Number Suffix
Standard	Rear Swing Frame	U/RU x Depth (mm)	Optional Colours
IP-SDW4RU30	IP-SDH4RU30	4RU x 300 Deep 19" Data Rack	-BLK
IP-SDW6RU30	IP-SDH6RU30	6RU x 300 Deep 19" Data Rack	-BLK
IP-SDW6RU45	IP-SDH6RU45	6RU x 450 Deep 19" Data Rack	-BLK
IP-SDW9RU45	IP-SDH9RU45	9RU x 450 Deep 19" Data Rack	-BLK
IP-SDW12RU45	IP-SDH12RU45	12RU x 450 Deep 19" Data Rack	-BLK
IP-SDW12RU60	IP-SDH12RU60	12RU x 600 Deep 19" Data Rack	-BLK
IP-SDW15RU60	IP-SDH15RU60	15RU x 600 Deep 19" Data Rack	-BLK
IP-SDW21RU60	IP-SDH21RU60	21RU x 600 Deep 19" Data Rack	-BLK

Floor Standing IP66 19" Data Racks

Steel | Powder Coated

SD

SINGLE DOOR | IP66 IK10



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

Protection: IP66 IK10

Standard: IEC/EN62208, AS/EN/IEC60529, EIA-310-D, RoHS



Material:

- Enclosure Body: 1.5mm galvanised steel sheet
- Enclosure Doors: 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. Flay face sealing surfaces increase seal life. A gland plate is also incorporated into the bottom face.

Door/s: Front and Rear surface mounted doors are 1.5mm galvanised steel sheet. They incorporate concealed removable hinges with captive pins. Doors are also designed for a 110° opening.

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

Locks: 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.



Part Number	Size	No. of U (RU)	Cabinet Size
SKU	19"	U/RU	U/RU H x W x D (mm)
IP-SD606040-RD	19"	12RU	12RU 650 x 600 x 400
IP-SD806040-RD	19"	16RU	16RU 850 x 600 x 400
IP-SD806060-RD	19"	16RU	16RU 850 x 600 x 600
IP-SD806080-RD	19"	16RU	16RU 850 x 600 x 800
IP-SD1206040-RD	19"	24RU	24RU 1200 x 600 x 400
IP-SD1206060-RD	19"	24RU	24RU 1200 x 600 x 600
IP-SD1206080-RD	19"	24RU	24RU 1200 x 600 x 800
IP-SD1606060-RD	19"	32RU	32RU 1550 x 600 x 600
IP-SD1606080-RD	19"	32RU	32RU 1550 x 600 x 800
IP-SD2006060-RD	19"	42RU	42RU 2000 x 600 x 600
IP-SD2006080-RD	19"	42RU	42RU 2000 x 600 x 800

Floor Standing IP66 19" Data Racks

Stainless Steel Grade 316/316L

SSD

SINGLE DOOR | IP66 IK10



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

Protection: IP66 IK10

Standard: IEC/EN62208, 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 600 x 600 x 400
IP-SSD806040	19"	16RU	16RU 650 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 850 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-SSD1606080	19"	32RU	32RU 1550 x 600 x 800
IP-SSD2006060	19"	42RU	42RU 1550 x 600 x 600
IP-SSD2006080	19"	42RU	42RU 2000 x 600 x 800

Heavy Duty IP66 19" Data Racks

Steel | Powder Coated

SD-HD

SINGLE DOOR | IP66 IK10



The IP Enclosures SD range of Heavy Duty 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.

Features & Specifications

IP Enclosures range of Heavy Duty 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. Heavy Duty Data Racks are constructed to withstand heavy loads associated with heavy equipment such as battery storage. Front and rear access doors are also provided.

Protection: IP66 IK10

Standard: IEC/EN62208, AS/EN/IEC60529, EIA-310-D, RoHS



Material:

- Enclosure Body: 1.5mm galvanised steel sheet
- Enclosure Doors: 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. Precision automated manufacturing equipment ensures accuracy and consistent high quality. Flat face sealing surfaces increase seal life. A galvanised steel gland plate is also incorporated into the bottom face. The enclosure body and rails have been constructed to withstand heavy loads associated with heavy equipment such as heavy battery storage.

Doors: The front and rear surface mounted doors are 1.5mm galvanised steel sheet. They incorporate concealed removable hinges with captive pins. Doors are also designed for a 110° opening. Each door contains integral cable management rail studs and an M6 earth stud. The cable management rails are removable to provide more space for control components.

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: 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.

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	Size	No. of U (RU)	Cabinet Size	Type
SKU	19"	U/RU	U/RU H x W x D (mm)	
IP-SD1676080	19"	30RU	30RU 1670 x 600 x 800	Heavy Duty
IP-SD16712580	19" x2 (Double Bay)	30RU x2	30RU 1670 x 1250 x 800	Heavy Duty
IP-SD16760100	19"	30RU	30RU 1670 x 600 x 100	Heavy Duty
IP-SD1976080	19"	36RU	36RU 1970 x 600 x 800	Heavy Duty
IP-SD19712580	19" x2 (Double Bay)	36RU x2	36RU 1970 x 1250 x 800	Heavy Duty
IP-SD19760100	19"	36RU	36RU 1970 x 600 x 1000	Heavy Duty



Accessories

19" Accessories

19" Data Rack Accessories



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

19" Accessories

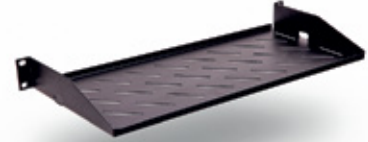
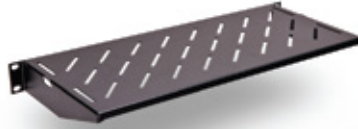
Standard: Compatible with 19" racks EIA-310-D, RoHS

1RU 19" Fixed Shelves

Part Number: IP-RCLF120
Depth: 200mm

Part Number: IP-RCLF130
Depth: 300mm

Part Number: IP-RCLF140
Depth: 400mm

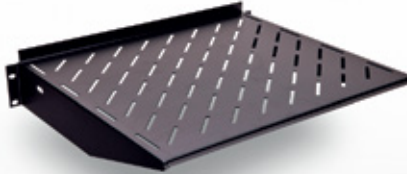


Can be used in either orientation

2RU 19" Fixed Shelves

Part Number: IP-RCLF240
Depth: 400mm

Part Number: IP-RCLF250
Depth: 500mm



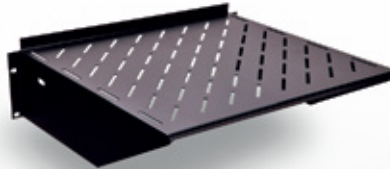
Can be used in either orientation

3RU 19" Fixed Shelves

Part Number: IP-RCLF340
Depth: 400mm

Part Number: IP-RCLF350
Depth: 500mm

Part Number: IP-RCLF360
Depth: 600mm

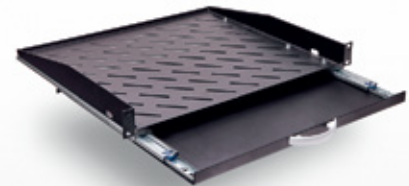
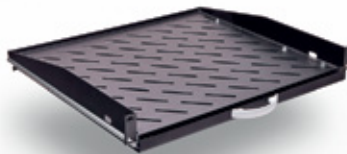


Can be used in either orientation

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)



Features & Specifications

19" Accessories

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



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



3RU 19" DIN Terminal Rail

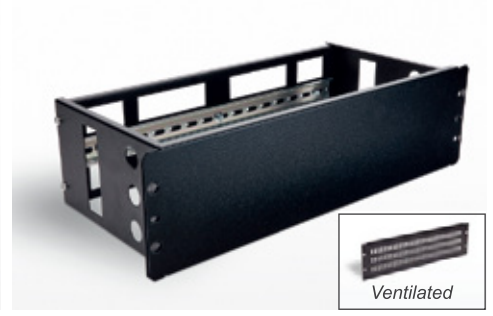
Part Number: IP-SDDINPANEL3

3RU 19" Cover Panel

Part Number: IP-SDCOVER3

3RU 19" Cover Panel (Ventilated)

Part Number: IP-EMH3



3RU 19" Distribution Board

Part Number: IP-SDDP3

(Supplied with Cover Panel)



Features & Specifications

19" Accessories

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

4RU 19" Rack Mounted DIN Rail Housing

Part Number: IP-SDDINBOX4RUU

4RU 19" Rack Mounted DIN Rail Housing

Part Number: IP-SDBOX4RU



6RU 19" Rack Mounted DIN Rail Housing

Part Number: IP-SDDINBOX6RU

6RU 19" Rack Mount Housing

Part Number: IP-SDBOX6RU



8RU 19" Rack Mounted DIN Rail Housing

Part Number: IP-SDDINBOX8RU

8RU 19" Rack Mount Housing

Part Number: IP-SDBOX8RU



80mm Castors/Wheels

Part Number: IP-080RMB; IP-080FRMB

80mm Castors/Non-break Wheels/
Wheels with brake-Set of 2

Wheel Size: Ø80mm x 30mm Wide

Load Capacity: 120kg (Per wheel)



Adjustable Feet (Set of 4)

Part Number: IP-TAM10X70

1RU 19" Cable Organiser

Part Number: IP-RNG1U19

2RU 19" Cable Organiser

Part Number: IP-RNG2U19



Mounted Infrastructure Field Cabinets

FC

Steel | Powder Coated

SINGLE DOOR | IP66 IK10 NON-VENTILATED | IP55 IK10 VENTILATED



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 IK10 (Non-Ventilated range); IP55 IK10 (Ventilated Range)

Standard: IEC/EN62208, 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 & IP-706032-0 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 nuts 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. Available on IP-706032 only.

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. Optional locking including half euro keyed as required, restricted keys, Bilock, etc.

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

Accessory: Optional Pole Mount Bracket (One-piece, full height). Optional Base: 600mm high base, flush to suit width and depth of field cabinet. Powder coated. Refer to table for part number.



Ventilated	Non-Ventilated	Description	Optional Pole Mount Bracket	Optional Base (600mm high)
Part Number/SKU	Part Number/SKU	U/RU H x W x D	Part Number/SKU	Part Number/SKU
IP-453522-T33	IP-453522-0-T33	450H x 350W x 225D	IP-PMB45	IP-FCBASE3522
IP-654532-T33	IP-654532-0-T33	650H x 450W x 325D	IP-PMB65	IP-FCBASE4532
IP-706032-T33	IP-706032-0-T33	12RU x 600W x 325D	IP-PMB70	IP-FCBASE6032

Mounted Infrastructure Field Cabinets

Marine Grade Aluminium | Powder Coated

FCA

SINGLE DOOR | IP66 IK10 NON-VENTILATED | IP55 IK10 VENTILATED



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 IK10 (Non-Ventilated range); IP55 IK10 (Ventilated Range)

Standard: IEC/EN62208, 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 & IP-A706032-0 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. Available on IP-706032 only.

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. Optional locking including half euro keyed as required, restricted keys, Bilock, etc.

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

Accessory: Optional Pole Mount Bracket (One-piece, full height). Optional Base: 600mm high base, flush to suit width and depth of field cabinet. Powder coated. Refer to table for part number.



Ventilated	Non-Ventilated	Description	Optional Pole Mount Bracket	Optional Base (600mm high)
Part Number/SKU	Part Number/SKU	U/RU H x W x D	Part Number/SKU	Part Number/SKU
IP-A453522-T33	IP-A453522-0-T33	450H x 350W x 225D	IP-APMB45	IP-AFCBASE3522
IP-A654532-T33	IP-A654532-0-T33	650H x 450W x 325D	IP-APMB65	IP-AFCBASE4532
IP-A706032-T33	IP-A706032-0-T33	12RU x 600W x 325D	IP-APMB70	IP-AFCBASE6032

Infrastructure Field Cabinets

FC

Steel | Powder Coated

IP66 IK10 (NON-VENTILATED) | IP55 IK10 (VENTILATED) | OPTIONAL DOUBLE WALL



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 IK10 (Non-Ventilated range); IP55 IK10 (Ventilated Range)

Standard: IEC/EN62208, 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. Optional locking including half euro keyed as required, restricted keys, Bilock, etc.

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 Field Cabinets

FCA

Marine Grade Aluminium | Powder Coated

IP66 IK10 (NON-VENTILATED) | IP55 IK10 (VENTILATED) | OPTIONAL DOUBLE WALL



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 IK10 (Non-Ventilated range); IP55 IK10 (Ventilated Range)

Standard: IEC/EN62208, 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.

NOTE: Double Wall option available. Refer to table below.

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. Optional locking including half euro keyed as required, restricted keys, Bilock etc.

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	Double Wall (Ventilated)	Description
Part Number/SKU	Part Number/SKU	Part Number/SKU	U/RU H x W x D
IP-A1077562-T33	IP-A1077562-0-T33	IP-A1077562-2-T33	18RU 1075H x 750W x 620D
IP-A1077580-T33	IP-A1077580-0-T33	IP-A1077580-2-T33	18RU 1075H x 750W x 800D
IP-A1377562-T33	IP-A1377562-0-T33	IP-A1377562-2-T33	24RU 1375H x 750W x 620D
IP-A1377580-T33	IP-A1377580-0-T33	IP-A1377580-2-T33	24RU 1375H x 750W x 800D
IP-A13775100-T33	IP-A13775100-0-T33	IP-A13775100-2-T33	24RU 1375H x 750W x 1000D
IP-A1677562-T33	IP-A1677562-0-T33	IP-A1677562-2-T33	30RU 1675H x 750W x 620D
IP-A1677580-T33	IP-A1677580-0-T33	IP-A1677580-2-T33	30RU 1675H x 750W x 800D
IP-A16775100-T33	IP-A16775100-0-T33	IP-A16775100-2-T33	30RU 1675H x 750W x 1000D
IP-A1977562-T33	IP-A1977562-0-T33	IP-A1977562-2-T33	36RU 1975H x 750W x 620D
IP-A1977580-T33	IP-A1977580-0-T33	IP-A1977580-2-T33	36RU 1975H x 750W x 800D
IP-A19775100-T33	IP-A19775100-0-T33	IP-A19775100-2-T33	36RU 1975H x 750W x 1000D
IP-A2277562-T33	IP-A2277562-0-T33	IP-A2277562-2-T33	42RU 2275H x 750W x 620D
IP-A2277580-T33	IP-A2277580-0-T33	IP-A2277580-2-T33	42RU 2275H x 750W x 800D



Infrastructure Field Cabinets

FC

Steel | Powder Coated

DOUBLE BAY | IP66 IK10 (NON-VENTILATED) | IP55 IK10 (VENTILATED)



IP Enclosures infrastructure field cabinets are available in ventilated and non-ventilated double bay configurations.

Features & Specifications

IP Enclosures Infrastructure field cabinets are available in ventilated and non-ventilated double bay configurations.

DOUBLE BAY

Protection: IP66 IK10 (Non-Ventilated range); IP55 IK10 (Ventilated Range)

Standard: IEC/EN62208, IEC/EN/AS60529, EIA-310-D, RoHS



Materials:

- 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.



(Shelves not included)

Ventilated	Non-Ventilated	Description
Part Number/SKU	Part Number/SKU	U/RU H x W x D
IP-10715062-T33	IP-10715062-0-T33	2 x 18RU (36RU) Field Cabinet 1075H x 1500W x 620D
IP-10715080-T33	IP-10715080-0-T33	2 x 18RU (36RU) Field Cabinet 1075H x 1500W x 800D
IP-13715062-T33	IP-13715062-0-T33	2 x 24RU (48RU) Field Cabinet 1375H x 1500W x 620D
IP-13715080-T33	IP-13715080-0-T33	2 x 24RU (48RU) Field Cabinet 1375H x 1500W x 800D
IP-16715062-T33	IP-16715062-0-T33	2 x 30RU (60RU) Field Cabinet 1675H x 1500W x 620D
IP-16715080-T33	IP-16715080-0-T33	2 x 30RU (60RU) Field Cabinet 1675H x 1500W x 800D

Infrastructure Field Cabinets

FCA

Marine Grade Aluminium | Powder Coated

DOUBLE BAY | IP66 IK10 (NON-VENTILATED) | IP55 IK10 (VENTILATED)



Marine grade aluminium infrastructure field cabinets are available in ventilated and non-ventilated double bay configurations.

Features & Specifications

Marine grade aluminium infrastructure field cabinets are available in ventilated and non-ventilated double bay configurations.

DOUBLE BAY

Protection: IP66 IK10 (Non-Ventilated range); IP55 IK10 (Ventilated Range)

Standard: IEC/EN62208, 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.

NOTE: Double Wall option available. Refer to table below.



(Shelves not included)

Ventilated	Non-Ventilated	Double Wall (Ventilated)	Description
Part Number/SKU	Part Number/SKU	Part Number/SKU	U/RU H x W x D
IP-A10715062-T33	IP-A10715062-0-T33	IP-A10715062-2-T33	2 x 18RU (36RU) 1075H x 1500W x 620D
IP-A10715080-T33	IP-A10715080-0-T33	IP-A10715080-2-T33	2 x 18RU (36RU) 1075H x 1500W x 800D
IP-A13715062-T33	IP-A13715062-0-T33	IP-A13715062-2-T33	2 x 24RU (48RU) 1375H x 1500W x 620D
IP-A13715080-T33	IP-A13715080-0-T33	IP-A13715080-2-T33	2 x 24RU (48RU) 1375H x 1500W x 800D
IP-A16715062-T33	IP-A16715062-0-T33	IP-A16715062-2-T33	2 x 30RU (60RU) 1675H x 1500W x 620D
IP-A16715080-T33	IP-A16715080-0-T33	IP-A16715080-2-T33	2 x 30RU (60RU) 1675H x 1500W x 800D

Air Conditioned Field Cabinets

Steel | Powder Coated

FC



IP Enclosures Air-Conditioned Field Cabinets are designed to house and cool sensitive data network and electrical equipment in harsh environments. They are rated IP55 and designed to prevent unauthorised access and vandalism while keeping contents cool to ensure protection in the toughest conditions.

Features & Specifications

IP Enclosures FC range of steel powder coated air-conditioned field cabinets are designed to house and cool equipment in harsh environments. They are rated IP55 and designed to prevent unauthorised access while keeping contents cool by incorporating an internally-mounted air conditioner. The air conditioner is housed in a separate compartment and is accessible via a recessed side door with louvered vent hood to enhance air flow. The cooled 19" rack compartment is rated to IP55, accessible via front and rear doors.

Protection: IP55 IK10

Standard: IEC/EN62208, 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 sheet. The body is fitted with rainhood, sunshield, plinth, and 4 x lifting eye bolts. Flat face sealing surfaces are provided to increase seal life. A 3.0mm aluminium split gland plate is also incorporated into the bottom face. A segmented compartment is provided to house the air conditioner.

Doors: The front, rear, and side 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 designed for a 110° opening and 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.

Seals: High quality Polyurethane foamed in place (FIP) full perimeter door seals.

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

Gland Plate: 3.0mm aluminium split gland plates are incorporated into the bottom of the enclosure for cable management.

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

Air Conditioner:

IP Enclosures SAA approved compact air conditioners are designed for the cooling needs of outdoor electrical cabinets. They have been designed for high efficiency and low maintenance and include a condenser fan controller and pressure controller for the compressor.

Standards: AS/NZS 60335.2.40:2019, AS/NZS 60335.1:2020.

Approval Marks: SAA203165

Ventilated	Description
Part Number/SKU	U/RU H x W x D
IP-1079062-ACO35-T33	18RU IP55 Field Cabinet 1075H x 900W x 620D for 0.35kW Air Conditioner
IP-1379062-ACO85-T33	24RU IP55 Field Cabinet 1375H x 900W x 620D for 0.85kW Air Conditioner
IP-1679080-AC145-T33	30RU IP55 Field Cabinet 1675H x 900W x 800D for 1.45kW Air Conditioner
IP-1979080-AC145-T33	36RU IP55 Field Cabinet 1975H x 900W x 800D for 1.45kW Air Conditioner
IP-2279080-AC200-T33	42RU IP55 Field Cabinet 2275H x 900W x 800D for 2.00kW Air Conditioner



Air Conditioned Field Cabinets

FCA

Marine Grade Aluminium | Powder Coated



IP Enclosures Air-Conditioned Field Cabinets are designed to house and cool sensitive data network and electrical equipment in harsh environments. They are rated IP55 and designed to prevent unauthorised access and vandalism while keeping contents cool to ensure protection in the toughest conditions.

Features & Specifications

IP Enclosures FC range of marine grade aluminium powder coated air conditioned field cabinets are designed to house and cool equipment in harsh environments. They are rated IP55 and designed to prevent unauthorised access while keeping contents cool by incorporating an internally-mounted air conditioner. The air conditioner is housed in a separate compartment and is accessible via a recessed side door with louvered vent hood to enhance air flow. The cooled 19" rack compartment is rated to IP55, accessible via front and rear doors.

Protection: IP55 IK10

Standard: IEC/EN62208, IEC/EN/AS60529, EIA-310-D, RoHS



Material:

- Body and Plinth: 2.5mm Marine Grade Aluminium sheet
- Doors: 2.5mm Marine Grade Aluminium 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 sheet. The body is fitted with rainhood, sunshield, plinth, and 4 x lifting eye bolts. Flat face sealing surfaces are provided to increase seal life. A 3.0mm aluminium split gland plate is also incorporated into the bottom face. A segmented compartment is provided to house the air conditioner.

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 designed for a 110° opening and 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.

Seals: High quality Polyurethane foamed in place (FIP) full perimeter door seals.

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

Gland Plate: 3.0mm aluminium split gland plates are incorporated into the bottom of the enclosure for cable management.

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

Air Conditioner:

IP Enclosures SAA approved compact air conditioners are designed for the cooling needs of outdoor electrical cabinets. They have been designed for high efficiency and low maintenance and include a condenser fan controller and pressure controller for the compressor.

Standards: AS/NZS 60335.2.40:2019, AS/NZS 60335.1:2020.

Approval Marks: SAA203165



Ventilated	Description
Part Number/SKU	U/RU H x W x D
IP-A1079062-ACO35-T33	18RU IP55 Aluminium Field Cabinet 1075H x 900W x 620D for 0.35kW Air Conditioner
IP-A1379062-ACO85-T33	24RU IP55 Aluminium Field Cabinet 1375H x 900W x 620D for 0.85kW Air Conditioner
IP-A1679080-AC145-T33	30RU IP55 Aluminium Field Cabinet 1675H x 900W x 800D for 1.45kW Air Conditioner
IP-A1979080-AC145-T33	36RU IP55 Aluminium Field Cabinet 1975H x 900W x 800D for 1.45kW Air Conditioner
IP-A2279080-AC200-T33	42RU IP55 Aluminium Field Cabinet 2275H x 900W x 800D for 2.00kW Air Conditioner

Accessories

Infrastructure Field Cabinets

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	Shelf Rating
IP-FCSHL7562	Light Duty Shelf to suit 750W x 620D Field Cabinet	50kg
IP-FCSHH7562	Heavy Duty Shelf to suit 750W x 620D Field Cabinet	250kg
IP-FCSHH7580	Heavy Duty Shelf to suit 750W x 800D Field Cabinet	250kg



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.

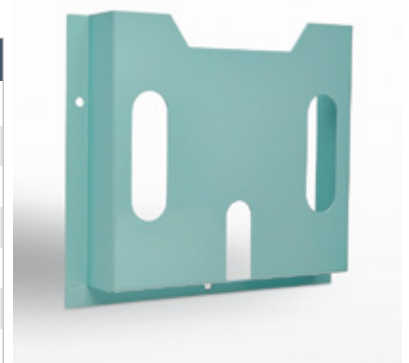
Part Number/SKU	Description	Shelf Rating
IP-FCDRAWER	Laptop Drawer to suit 750W x 620D Field Cabinet	25kg
IP-FCDRAWER800	Laptop Drawer to suit 750W x 800D Field Cabinet	25kg



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-FCPPA4-T33	A4 Document Storage Pocket
IP-M6SCREW-CAGENUT	M6 Cage Nut & Screw (Pack of 50)



Accessories

Infrastructure Field Cabinets

Solar Roofs

Material: Galvanised steel sheet | Marine grade aluminium

Part Number / SKU	Part Number / SKU	To suit Field Cabinet*	To suit Solar Panel**
Steel	Aluminium	WxD (mm)	
IP-FCSR7562-T33	IP-FCASR7562-T33	750 x 620	SY2-M80W/LH4
IP-FCSR7580-T33	IP-FCASR7580-T33	750 x 800	SY2-M80MLH4

*Depth of enclosure is fixed based on hole centers of bracket. Width is recommendation only to suit nominated solar panel.
 **Nominated solar panel only. Other solar panels may be used but hole centers of other solar panels may vary.



Pedestal Bases

Material: Galvanised steel sheet | Marine grade aluminium

Part Number / SKU	Part Number / SKU	Description
Steel	Aluminium	
IP-FCBASE3522-T33	IP-FCABASE3522-T33	600H Pedestal Base to suit 350W x 225D Field Cabinet T33 Smoke Blue
IP-FCBASE4532-T33	IP-FCABASE4532-T33	600H Pedestal Base to suit 450W x 325D Field Cabinet T33 Smoke Blue
IP-FCBASE6032-T33	IP-FCABASE6032-T33	600H Pedestal Base to suit 600W x 325D Field Cabinet T33 Smoke Blue



Pole-Mount Brackets

Material: Galvanised steel sheet | Grade 304 Stainless Steel (For Aluminium Field Cabinets)

Part Number / SKU	Part Number / SKU	Description
Steel	304SS (For Aluminium Field Cabinets)	
IP-PMB45	IP-APMB45	To suit 450H x 350W x 225D Field Cabinet
IP-PMB65	IP-APMB65	To suit 650H x 450W x 325D Field Cabinet
IP-PMB70	IP-APMB70	To suit 12RU x 600W x 325D Field Cabinet



Vented Doors

Material: Galvanised steel sheet | Marine grade aluminium

Part Number / SKU	Part Number / SKU	Description
Steel	Aluminium	HxW (mm)
IP-4535VENTDOOR-T33	IP-A4535VENTDOOR-T33	450 x 350
IP-6545VENTDOOR-T33	IP-A6545VENTDOOR-T33	650 x 450
IP-7060VENTDOOR-T33	IP-A7060VENTDOOR-T33	700 x 600





Features & Specifications

IP Enclosures EV range of powder coated galvanised steel EV charging cabinets are suitable for standalone installation of wall-mounted EV chargers. They are ideal for open-space car parks.

SINGLE DOOR

Protection: IP33 IK10

Standard: IEC/EN/AS60529, CE, UKCA



Body: The body is fabricated using 1.5mm galvanised steel sheet. Flat face sealing surfaces are provided to increase seal life. Integral device plate mounts and M6 earth stud is provided. Side gland plates are provided on both side panels for charge cable entry. Body includes integral base and cutout for cable to enable door to be closed when charging.

Single Door: Doors are fabricated using 1.5mm galvanised steel sheet and incorporate concealed removable hinges with captive pins. The upper door incorporates a window. The doors are designed for a 110° opening.

Seal: UL listed Polyurethane seal foamed in place (FIP). Temperature resistance -40°C to 80°C (160°C short term loading).

Lock: 3-point locking system with swing handle.

Device Mounting Plate: 1.5mm galvanised steel sheet, pre-fitted.

Gland Plate: Gland plates are incorporated into the bottom face of the enclosure.

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



Part Number	Size (mm)	Lock
SKU	H x W x D	Quantity
IP-EVA1204030	1200 x 400 x 300	3-Point Locking

DOUBLE DOOR with WINDOW

Protection: IP55 IK10

Standard: IEC/EN/AS60529, CE, UKCA

Body: The body is fabricated using 1.5mm galvanised steel sheet. Flat face sealing surfaces are provided to increase seal life. Integral device plate mounts and M6 earth stud is provided. Side gland plates are provided on both side panels for charge cable entry. Body includes integral base and cutout for cable to enable door to be closed when charging.

Doors: Doors are fabricated using 1.5mm galvanised steel sheet and incorporate concealed removable hinges with captive pins. The upper door incorporates a window. The doors are designed for a 110° opening.

Seal: UL listed Polyurethane seal foamed in place (FIP). Temperature resistance -40°C to 80°C (160°C short term loading).

Lock: Chrome 5mm double bit insert quarter turn locks with key.

Device Mounting Plate: 1.5mm galvanised steel sheet, pre-fitted.

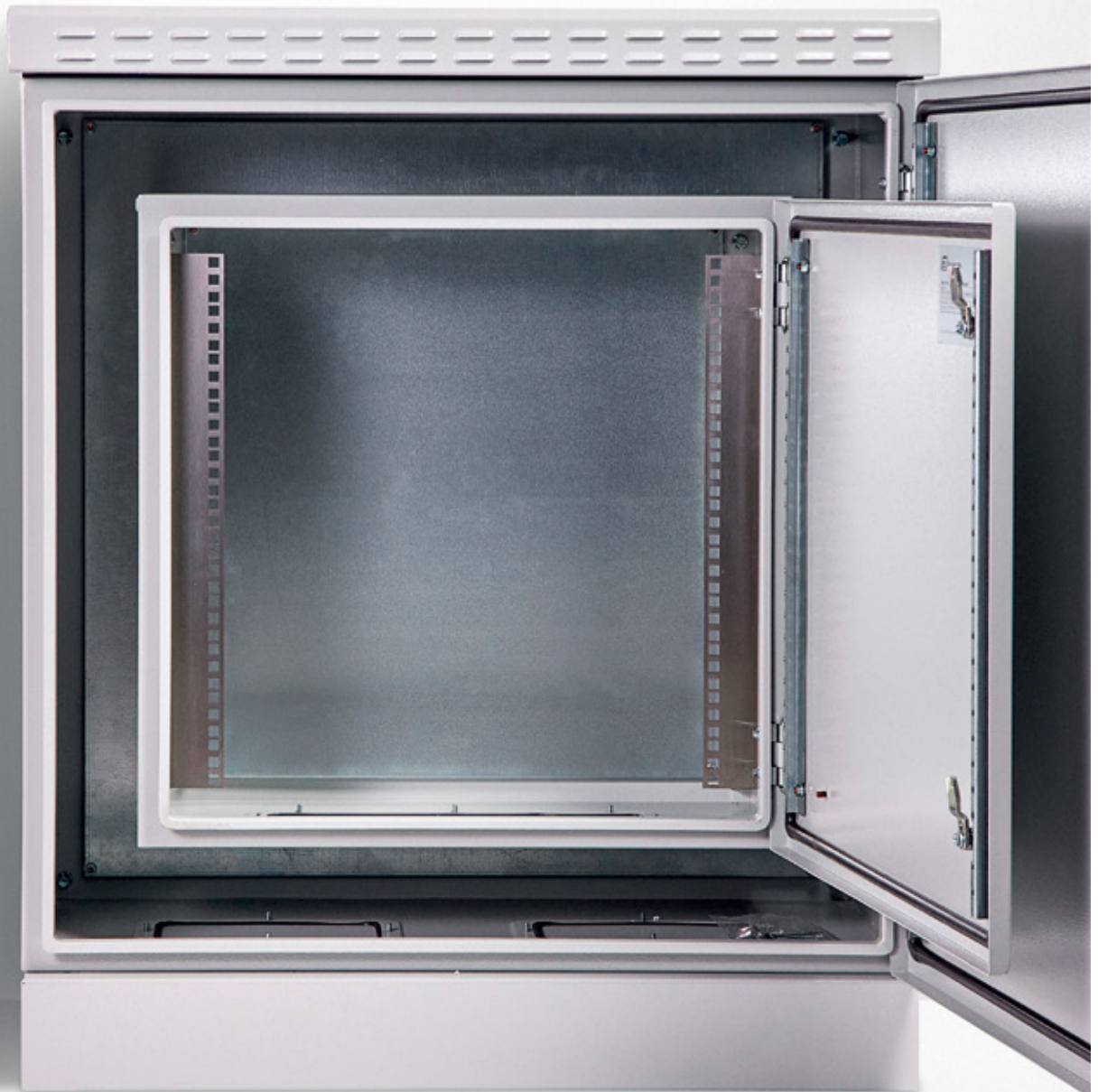
Gland Plate: Gland plates are incorporated into the bottom face of the enclosure.

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



Part Number	Size (mm)	Lock
SKU	H x W x D	Quantity
IP-EVB1204030	1200 x 400 x 300	4

Enclosure Combinations



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.

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 Enclosure + INNER 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 Enclosure + INNER 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.

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.



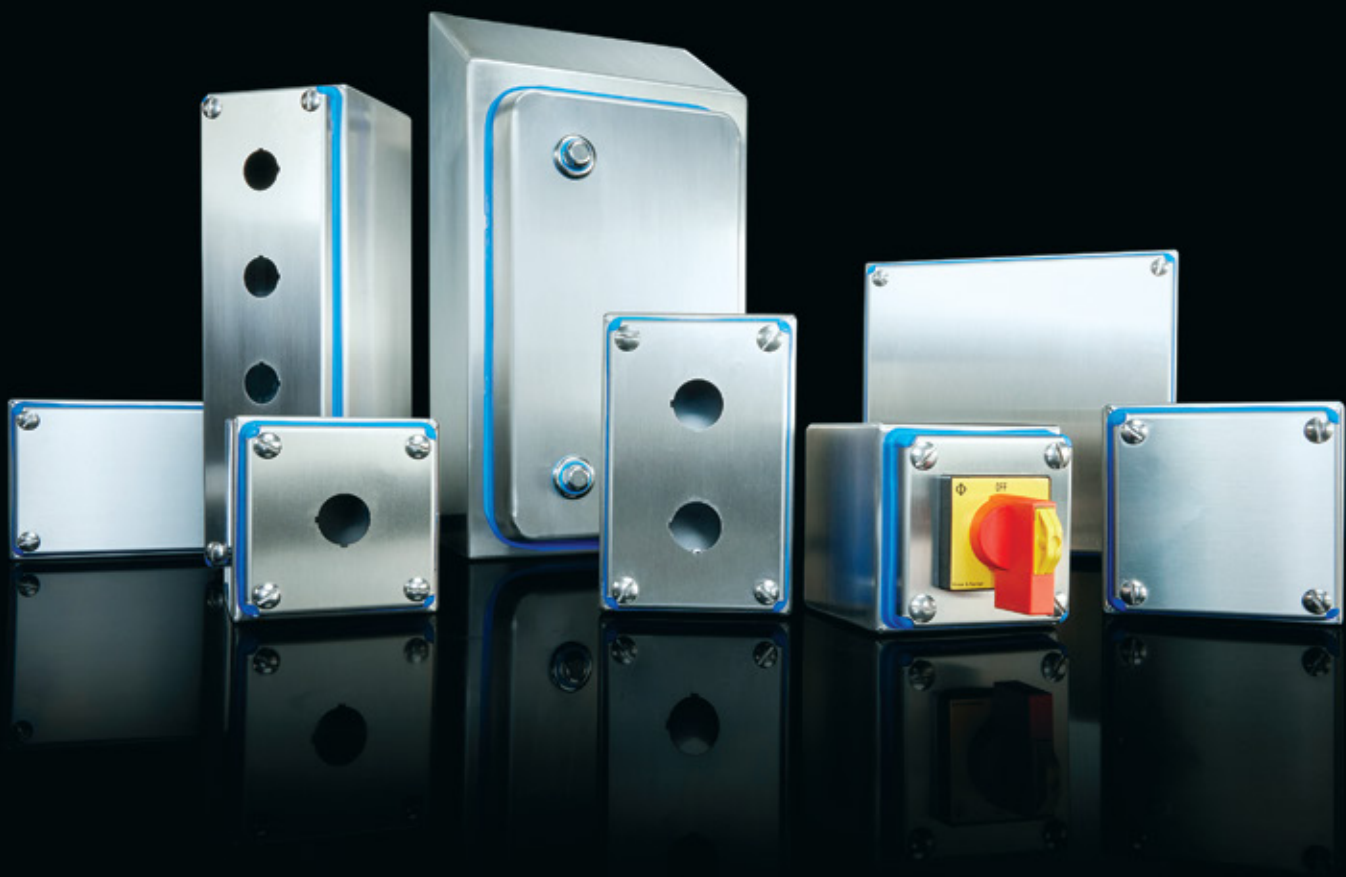
DB Kits

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



Protection in the toughest conditions™

IP69K **Hygienic Electrical Enclosures**
Food Beverage & Pharmaceutical

IP69K Hygienic Electrical Enclosures

H

Stainless Steel Grade 304

SLOPING ROOF | SINGLE DOOR | HYGIENIC FOOD GRADE | IP69K IK07



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: IP66 IK07, IP69K

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



Material:

- Body: 1.5mm Grade 304 Stainless Steel. Surface Finish: 0.2 microns
- Door: 1.5mm Grade 304 Stainless Steel. Surface Finish: 0.2 microns
- 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. Replaceable.

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

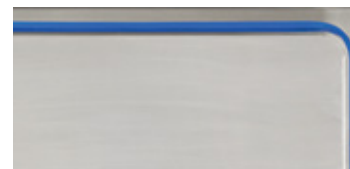
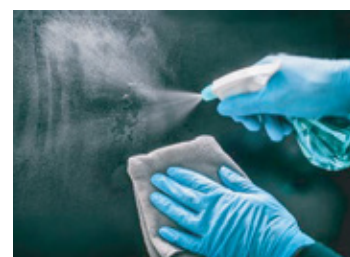
Device Mounting Plate: Fabricated using galvanised steel sheet. Supplied fitted.

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



IP69K Pushbutton Enclosures

Stainless Steel Grade 304

HPB

IP66 IK08 | IP69K



The HPB range of IP69K Pushbutton Enclosures are designed for applications within the food & beverage, pharmaceutical and other industries.

Features & Specifications

HPB

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

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



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

Material:

- Body: 1.0mm Grade 304 Stainless Steel. Surface Finish: 0.2 microns
- Cover: 1.0mm Grade 304 Stainless Steel. Surface Finish: 0.2 microns
- Seal: Blue Silicone FDA compliant

Holes: 22.5

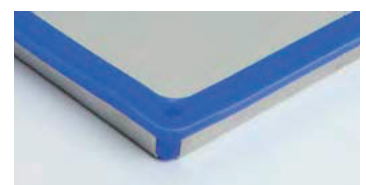
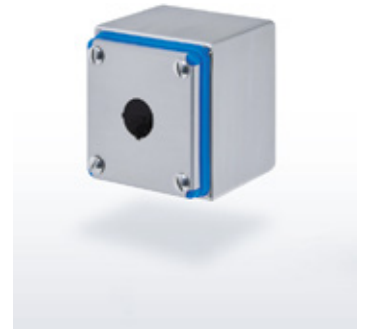
Body: The body is fabricated using 1.0mm Grade 304 Stainless Steel. It is designed to be completely smooth and without crevices and without concave angles to facilitate cleaning and avoid deposits. The body is designed to promote self draining for ease of hygienic cleaning.

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. Replaceable.

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



IP69K Terminal Boxes

Stainless Steel Grade 304

HTB

IP66 IK08 | IP69K






The HTB range of IP69K Terminal Boxes are designed for applications within the food & beverage, pharmaceutical and other industries.

Features & Specifications

HTB

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

Protection: IP66 IK08, IP69K, Nema Type 1, 12, 4, 4x.    N° file E231227

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

Material:

- Body: 1.0 to 1.2mm Grade 304 Stainless Steel. Surface Finish: 0.2 microns
- Cover: 1.0 to 1.2mm Grade 304 Stainless Steel. Surface Finish: 0.2 microns
- Seal: Blue Silicone FDA compliant

Holes: 0 22.5

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

Accessories: 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



IP66-IP67 Pushbutton Enclosures

SSP

Stainless Steel Grade 304

IP66, IP67 | 22.5mm Hole



Features & Specifications

The IP Enclosures SSP range of grade stainless steel pushbutton enclosures are ideal for use in the harshest environments. The silicon seal gasket is resistant to harsh chemicals. They are available in 1 hole, 2 hole, 3 hole, 4 hole, 6 hole and 8 hole configurations.

Protection: IP66, IP67, NEMA 4x.

Standard: UL508A



Material:

- Body: 1.0mm Grade 304 & 316L Stainless Steel. Surface Finish: 0.2 microns
- Lid/Door: 1.0mm Grade 304 & 316L Stainless Steel
- Seal: Silicone

Body: The robust body is fabricated using 1.0mm Grade 304 & 316L Stainless Steel. 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. 600mm deep racks include front and rear rails.

Lid/Door: The robust pre-drilled lid/door is fabricated using 1.0mm Grade 304&316L Stainless Steel and is fastened using screws.

Hole Diameter: 22.5mm (30.5mm available upon request)

Seal: High quality Silicone seal.

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

Surface Roughness: 0.2 micron

FLAT ROOF

Part Number	Optional	Size	Description
Grade 304	Grade 316L	HxWxD	Hole & Columns
IP-304-P1	IP-SSP1	90 x 90 x 90	1 Hole
IP-304-P2	IP-SSP2	140 x 90 x 90	2 Hole
IP-304-P3	IP-SSP3	160 x 160 x 100	3 Hole
IP-304-P4	IP-SSP4	140 x 90 x 90	4 Hole
IP-304-P2X2	IP-SSP2X2	200 x 200 x 100	4 Hole (2 Columns of 2)
IP-304-P3X2	IP-SSP3X2	280 x 90 x 90	6 Hole (3 Columns of 2)
IP-304-P4X2	IP-SSP4X2	250 x 160 x 100	8 Hole (4 Columns of 2)



IP66-IP67 Terminal Boxes

Stainless Steel Grade 304

SST

SCREWED LID | IP66, IP67



The IP Enclosures SST range of stainless steel terminal boxes are designed for use in the most demanding industrial environments.

Features & Specifications

SST

The IP Enclosures range of grade stainless steel terminal boxes are designed for use in the most demanding industrial environments.

Protection: IP66, IP67, NEMA 4x.

Standard: UL508A



UKCA N° file E231227

Material:

- Body: 1.0mm Grade 304 & 316L Stainless Steel. Surface Finish: 0.2 microns
- Lid/Door: 1.0mm Grade 304 & 316L Stainless Steel
- Seal: Silicone

Body: The robust body is fabricated using 1.0mm Grade 304 & 316L Stainless Steel. 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. 600mm deep racks include front and rear rails.

Lid/Door: The robust pre-drilled lid/door is fabricated using 1.0mm Grade 304 & 316L Stainless Steel and is fastened using screws.

Seal: High quality Silicone seal.

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

Surface Roughness: 0.2 micron



Part Number	Optional	Size
Grade 304	Grade 316L	HxWxD
IP-304-T090909	IP-SST090909	90 x 90 x 90
IP-304-T140909	IP-SST140909	140 x 90 x 90
IP-304-T200909	IP-SST200909	200 x 90 x 90
IP-304-T280909	IP-SST280909	280 x 90 x 90
IP-304-T101010	IP-SST101010	100 x 100 x 100
IP-304-T161010	IP-SST161010	160 x 100 x 100
IP-304-T161610	IP-SST161610	160 x 160 x 100
IP-304-T251610	IP-SST251610	250 x 160 x 100
IP-304-T202010	IP-SST202010	200 x 200 x 100
IP-304-T202015	IP-SST202015	200 x 200 x 150
IP-304-T402012	IP-SST402012	400 x 200 x 120
IP-304-T403012	IP-SST403012	400 x 300 x 120
IP-304-T404012	IP-SST404012	400 x 400 x 120

Note: This size does not include device mounting plate

Consoles

Steel | Powder Coated

CON

SINGLE DOOR | IP66



Consoles are designed to provide a safe ergonomic housing for electrical equipment and operator controls. Consoles are constructed from a durable steel to protect against damage from impact, corrosion, and harsh environments. They are available in a variety of sizes to accommodate a wide range of equipment and controls.

Features & Specifications

CON

Material:

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

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

Doors: 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. A plan pocket is provided.

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).

Locks: Chrome 5mm double bit insert quarter turn locks with key. A full range of locking solutions are available upon request.

Device Mounting Plates: 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.

Surface Treatment: 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. Refer to Electrical Enclosure Colours.



Part Number	Description
SKU	Size
IP-CON1006045	1000H X 600W X 450D GREY
IP-CON10010045	1000H X 1000W X 450D GREY

Thermal Control - Cooling

AC

Air Conditioners

350W to 4kW | 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	
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	
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	
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	
3000W Wall Mounted Air Conditioner		INDOOR	OUTDOOR
Part Number	SKU	IP-ACIWM300.001	IP-ACOWM300
Power supply	V/Hz	400V/3ph/50 - 460V/3ph/60	
Dimensions HxWxD	mm	1500x400x255	
Cooling capacity A35A35	W	2800/2950	
Cooling capacity A35A50	W	2150/2330	
Max current	A	2.2/2.6	
Delayed fuse	A	16	
Absorbed electric power A35A35	W	2090/2200	
Absorbed electric power A35A50	W	2400/2550	
4000W Wall Mounted Air Conditioner		INDOOR	OUTDOOR
Part Number	SKU	IP-ACIWM400.001	IP-ACOWM400
Power supply	V/Hz	400V/3ph/50 - 460V/3ph/60	
Dimensions HxWxD	mm	1500x400x255	
Cooling capacity A35A35	W	3800/3980	
Cooling capacity A35A50	W	2800/3160	
Max current	A	2.7/3.0	
Delayed fuse	A	16	
Absorbed electric power A35A35	W	2200/2320	
Absorbed electric power A35A50	W	2600/2750	

Note: Air-Conditioner Flow Diverter & Assembly are also available upon request.

Thermal Control - Cooling

AC

Stainless Steel Grade 304 | Air Conditioners

350W to 4kW | Outdoor



IP Enclosures stainless steel 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		OUTDOOR
Part Number	SKU	IP-ACOWM035.OX
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
850W Wall Mounted Air Conditioner		OUTDOOR
Part Number	SKU	IP-ACOWM085.OX
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
1450W Wall Mounted Air Conditioner		OUTDOOR
Part Number	SKU	IP-ACOWM145.OX
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
2000W Wall Mounted Air Conditioner		OUTDOOR
Part Number	SKU	IP-ACOWM200.OX
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
3000W Wall Mounted Air Conditioner		OUTDOOR
Part Number	SKU	IP-ACOWM300.OX
Power supply	V/Hz	400V/3ph/50 - 460V/3ph/60
Dimensions HxWxD	mm	1500x400x255
Cooling capacity A35A35	W	2800/2950
Cooling capacity A35A50	W	2150/2330
Max current	A	2.2/2.6
Delayed fuse	A	16
Absorbed electric power A35A35	W	2090/2200
Absorbed electric power A35A50	W	2400/2550
4000W Wall Mounted Air Conditioner		OUTDOOR
Part Number	SKU	IP-ACOWM400.OX
Power supply	V/Hz	400V/3ph/50 - 460V/3ph/60
Dimensions HxWxD	mm	1500x400x255
Cooling capacity A35A35	W	3800/3980
Cooling capacity A35A50	W	2800/3160
Max current	A	2.7/3.0
Delayed fuse	A	16
Absorbed electric power A35A35	W	2200/2320
Absorbed electric power A35A50	W	2600/2750

Note: Air-Conditioner Flow Diverter & Assembly are also available upon request.

Thermal Control - Ventilation

IP-V

Filter Vents & Fans

12VDC to 230VAC | 26m³/h to 700m³/h | IP54 (IP55 Optional)



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

Conformity:  

Material: ABS UL94V-0 color RAL7035 (Optional Colour Black)

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		114x114x73	
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	-	-	-10 / +70 (+14/+158)			
Protection degree I 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			
Replacement Filter Mat	-	IP-VF1	IP-VF1	-	-	-
High Efficiency Filter Mat (G3)	-	IP-VF1X	IP-VF1X	-	-	-

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 I Class	-	IP54	IP54 / Class I			
Protection degree I Class	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*			
Replacement Filter Mat	-	IP-VF2	IP-VF2	-	-	-
High Efficiency Filter Mat (G4)	-	IP-VF2X	IP-VF2X	-	-	-

*Available in Black IP-V2000-BLK; IP-V2200-BLK

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 I Class	-	IP54	IP54 / Class I			
Protection degree I Class	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			
Replacement Filter Mat	-	IP-VF3	IP-VF3	-	-	-
High Efficiency Filter Mat (G4)	-	IP-VF3X	IP-VF3X	-	-	-

Note: Filter Vents and Fans are also available in Black colour upon request.

250mm x 250mm 125m3/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	-	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 I Class	-	IP54	IP54 / Class I			
Protection degree I Class	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			
Replacement Filter Mat	-	IP-VF4	IP-VF4	-	-	-
High Efficiency Filter Mat (G4)	-	IP-VF4X	IP-VF4X	-	-	-

250mm x 250mm 255m3/hr to 410m3/hr		Vent	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)		25		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	250x250x107		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 st*
Duty cycle	-	-	100%						
Operating temperature	°C (°F)	-	-10 / +70 (+14/+158)						
Protection degree I Class	-	IP54	IP54 / Class I						
Protection degree I Class	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						
Replacement Filter Mat	-	IP-VF4	IP-VF4	-	-	-	-	-	-
High Efficiency Filter Mat (G4)	-	IP-VF4X	IP-VF4X	-	-	-	-	-	-

325mm x 325mm 550m3/hr to 700m3/hr		Vent	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 st*	3-poles spring terminals*	
Duty cycle	-	-	100%				
Operating temperature	°C (°F)	-	-10 / +70 (+14/+158)				
Protection degree I Class	-	IP54	IP54 / Class I				
Protection degree I Class	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				
Replacement Filter Mat	-	IP-VF5	IP-VF5	-	-	IP-VF5	-
High Efficiency Filter Mat (G4)	-	IP-VF5X	IP-VF5X	-	-	IP-VF5X	-

Note: Filter Vents and Fans are also available in Black colour upon request.

Thermal Control - Ventilation

RV/RFV

Roof Vents & Roof Fans

230VAC | 600m³/h to 1500m³/h | IP44, IP54



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

Features & Specifications

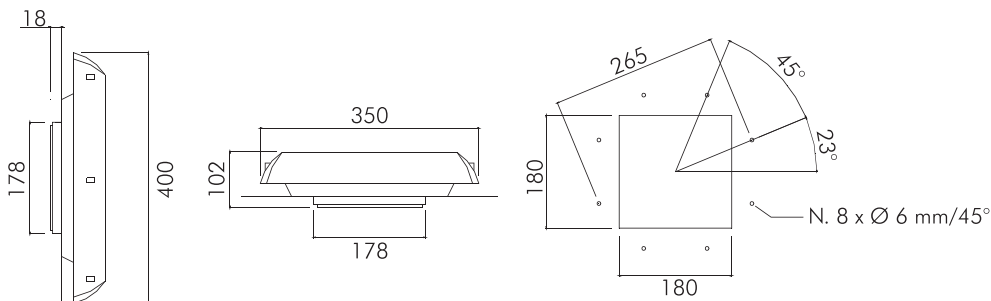
RV/RFV

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: IP44, IP54

Conformity: 

Material: ABS UL94V-0 color RAL7035 | Steel Color RAL7035



		Roof Vent	600m3 Fan	860m3 Fan	1000m3 Fan	Roof Vent	1500m3 Fan
Features	Unit	IP-RV1	IP-RFV1	IP-RFV2	IP-RFV3	IP-RV4	IP-RFV4
Air flow rate (free blow)	m³/h	-	600/(625)	860/(950)	1000/(1050)	-	1500/(1550)
Flow rate with filter fan	m³/h	-	430/(450)	580/(640)	700/(720)	-	900/(950)
Power supply	V/Hz	-	230-50/60	230-50/60	230-50/60	-	230-50/60
Dimensions HxWxD	mm	400x350x102				540x390x150	540x390x128
Power consumption	W	-	70/(90)	85/(115)	120/(170)	-	160/(215)
Current consumption	A	-	0.32/(0.40)	0.43/(0.50)	0.50/(0.75)	-	0.70/(0.98)
Overcurrent protection	-	-	thermal			-	thermal
Electric connection	-	-	4-pole terminal 2.5 mm²			-	4-pole terminal 2.5 mm²
Duty cycle	-	-	100%			-	100%
Operating temperature	°C(°F)	-10/+70 (+14/+158)				-20/+50 (-4/+22)	-10/+70 (+14/+158)
Protection degree enclosure side	-	IP44				IP54	IP44
Protection class	-	-	Class I			-	Class I
Noise level	dB(A)	-	64(65)	72(73)	72(73)	-	74(75)
Flow direction	-	-	inside-out			-	inside-out
Bearing	-	-	ball			-	ball
Service life (at 40°C)	hr	-	50.000			-	50.000
Material	-	ABS UL94V-0 Color RAL7035				Steel Color RAL7035	
Gasket	-	Self-Adhesive				PVC	
Weight (with packaging)	kg	2.30(2.50)	3.65(3.85)	4.00(4.20)	4.75(4.95)	5.2(5.5)	11.3(12.3)
Package dimensions	mm	410x360x130				550x400x140	
Mounting	-	Screws					
Conformity/ Certifications	-	CE					

Thermal Control - Heat Exchangers

Air/Air Heat Exchangers

HEX

IP Enclosures heat exchangers are designed for the cooling needs of electrical cabinets. By utilising the heat exchange between two separate air flows through an aluminium pack, air/air heat exchangers allow heat to be dissipated inside electrical panels. They are recommended if the outside air has a lower temperature value than the inside air, a low cooling capacity is required, if the ambient air is excessively oily or dusty, or if the outside air and humidity cannot enter the cabinet.

Features & Specifications

- Installation: internal/external
- Heat exchange core made of aluminium, to ensure high efficiency with compact dimensions
- Specific heat transmission 16-85 W/K

Features	Unit	IP-HEX16	IP-HEX35	IP-HEX50	IP-HEX80
Specific Heat Transmission	W/K	16	35	50	80
Power Supply	V / Ph / Hz	230 / 1 / 50-60	-	-	-
Current Consumption	A	0.46 / 0.58	0.46 / 0.58	0.46 / 0.58	0.72 / 0.96
Absorbed Fan Power	W/K	64	100 / 130	100 / 130	160 / 200
Side Cabinet Fan Flow (Free Blowing)	m ³ /hr	136	575	575	860
Internal Operating Temp	°C	-5 / +55	-	-	-
Ambient Temperature Limit	°C	-5 / +55	-	-	-
Internal Circuit Protection Degree	IP	IP54	IP55	IP55	IP55
Noise Level	dB (A)	58	76	76	76
Installation	-	Internal / External	-	-	-
Dimensions (H x W x D)	mm	410 x 204 x 109	780 x 254 x 90	780 x 312 x 90	1250 x 311 x 108
Weight	kg	4.6	7.5	9.5	20
Conformity	-	CE	-	-	-




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 mm ² wire					
Casing	-	PA6, UL94 V0 self-extinguishing, 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 _{cs}  us					
Dimensions HxWxD	mm	61x34x35					



Double Thermostats | NC/NO

FEATURES	UNIT	IP-THD1	IP-THD2	IP-THD3
Contact function	-	NC	NO	NO
Temperature setting range	°C	-10/+50	+20/+80	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 mm ² wire		
Casing	-	PA6, UL94 V0 self-extinguishing, 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 _{cs}  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	IP-FSC1
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 mm ² wire
Optical signal	-	LED
Casing	-	PA6, UL94 V0 self-extinguishing, light grey RAL 7035
Protection degree EN60529	-	IP20



Thermal Control - Heating

Anti-Condensation Heaters

IP-H

Compact, Touch Shield & Fan-Assisted | 50W 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-H


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 | 50W to 150W

FEATURES	UNIT	IP-H50	IP-H75	IP-H100	IP-H150
Heating Capacity*	W	50	75	100	150
Power supply	V	120-240V AC or DC			
24V Voltage Availability	V	IP-H50.24	IP-H100.24		
48V Voltage Availability	V	IP-H100.48			
Inrush current	A	3.5	4	5	9.5
Delayed fuse (advised)	A	4	6.3	8	10
Electrical connections	-	2 screw terminals for stranded or rigid wire 2.5 mm ²			
Protection Class	-	Class II			
Protection degree EN60529	-	IP20			
Operating temperature	°C (°F)	-45/+70 (-49/+158)			
Storage temperature	°C (°F)	-45/+80 (-49/+176)			
Dimensions HxWxD	mm	100x40x40	140x59x61		220x59x61
Weight (with packaging)	kg		0.34 (0.38)		0.57 (0.62)
Conformity/Certifications	-	CE- UL 			
VERSIONS					
with Integrated fixed thermostat NC 5°C		IP-H50.001	IP-H75.001	IP-H100.001	IP-H150.001




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
Electrical connections	-	2 screw terminals for stranded or rigid wire 2.5 mm ²				
Protection class	-	Class II				
Protection degree EN60529	-	IP20				
Operating temperature	°C (°F)	-45/+70 (-49/+158)				
Storage temperature	°C (°F)	-45/+80 (-49/+176)				
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 				
VERSIONS						
with Integrated fixed thermostat NC 5°C		IP-TSH25.001	IP-TSH50.001	IP-TSH75.001	IP-TSH100.001	IP-TSH150.001



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	
Electrical connections	-	3 screw terminals for stranded or rigid wire 2.5 mm ²								
Protection class	-	Class I, earthed								
Protection degree EN60529	-	IP20								
Operating temperature	°C (°F)	-25/+70 (-13/+158)								
Storage temperature	°C (°F)	-45/+80 (-49/+176)								
Air flow rate	m ³ /h	35 (free flow)						44 (free flow)		
Signalling	-	Green LED power ON								
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-UL 								



Fan Assisted (Small Footprint) | 150W to 400W

FEATURES	UNIT	IP-TMX150	IP-TMX250	IP-TMX300	IP-TMX400
Heating Capacity	W	150	250	300	400
Power Supply	V/Hz	230/50-60			
Max. current	A	-	-	-	-
Delayed fuse (advised)	A	6.3	6.3	6.3	6.3
Electrical connections	-	Spring terminals			
Protection class	-	Class II			
Protection degree EN60529	-	IP20			
Operating temperature	°C (°F)	-40/+70 (-40/+158)			
Storage temperature	°C (°F)	-40/+70 (-40/+158)			
Air flow rate	m ³ /h	30 (free flow)			
Signalling	-	-			
Dimensions HxWxD	mm	88x66x97	88x66x97	88x66x97	88x66x97
Weight (with packaging)	kg	0.35	0.35	0.35	0.35
Conformity/Certifications	-	CE-UL			



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



Part Number	Size	Part Number Suffix
Standard	H x W (mm)	Optional Colours
IP-PSLV10075	100 x 75	-T33 -BLK -OR -RED
IP-PSLV130130	130 x 130	-T33 -BLK -OR -RED
IP-PSLV250250	250 x 250	-T33 -BLK -OR -RED

STAINLESS STEEL

Part Number	Size
Standard	H x W (mm)
IP-SSLV10075	100 x 75
IP-SSLV130130	130 x 130
IP-SSLV250250	250 x 250



Vent Hoods

STEEL



STAINLESS STEEL



Part Number		Part Number		To Suit Fan/Vent	Size	Part Number Suffix
Standard	Hinged	Standard	Hinged	Size	H x W x D (mm)	Optional Colours (Steel)
IP-PSVH2517	IP-PSVH2517-H	IP-SSVH2517	IP-SSVH2517-H	IP-V1XXX	250 x 175 x 50	-T33 -BLK -OR -RED
IP-PSVH3020	IP-PSVH3020-H	IP-SSVH3020	IP-SSVH3020-H	IP-V1XXX	300 x 200 x 50	-T33 -BLK -OR -RED
IP-PSVH3222	IP-PSVH3222-H	IP-SSVH3222	IP-SSVH3222-H	Up to IPV2XXX	320 x 220 x 50	-T34 -BLK -OR -RED
IP-PSVH4030	IP-PSVH4030-H	IP-SSVH4030	IP-SSVH4030-H	Up to IPV3XXX	400 x 300 x 50	-T35 -BLK -OR -RED
IP-PSVH4737	IP-PSVH4737-H	IP-SSVH4737	IP-SSVH4737-H	Up to IPV4XXX	475 x 375 x 75	-T33 -BLK -OR -RED
IP-PSVH5040	IP-PSVH5040-H	IP-SSVH5040	IP-SSVH5040-H	Up to IPV5XXX	500 x 400 x 75	-T33 -BLK -OR -RED

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



Compact Air Filters

Part Number	Description	Size
Standard	Item description	H x W x D (mm)
IP-ALFAKR120	Compact filter unit w/ standard filter mat	125 x 125 x 10
IP-ALFAKR120R	Compact filter unit w/ metallic filter mesh	125 x 125 x 10



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 -OR -RED	IP-SUNSS504020	500 x 400 x 200
IP-SUN606030	600 x 600 x 300	-T34 -OR -RED	IP-SUNSS606030	600 x 600 x 300
IP-SUN806030	800 x 600 x 300	-T35 -OR -RED	IP-SUNSS806030	800 x 600 x 300



Ventilated Roofs

STEEL



ALUMINIUM



Part Number	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	-



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



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



BiLock Key Systems
We can accommodate customer requirements



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 5mm Double Bit Barrel



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

Half Euro
(Suitable for fitting Bilock high security restricted key half euro systems)



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

Half Euro
(Suitable for fitting Bilock high security restricted key half euro systems)



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

Accessories

LED

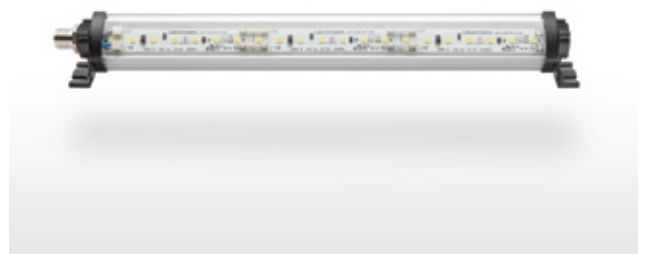
LED Surface Mounted Luminaires

24V DC

IP Enclosures provide high quality LED Surface Mounted Luminaires for electrical enclosures.

Features:

- Very bright LED luminaire
- 24V DC
- Homogenous, uniform, & flicker-free illumination
- Slim, almost non-protruding LED luminaire; 25 mm high
- Clear cover; polycarbonate-material; shatterproof
- Available in clear cover glare suppression
- Quick installation (single solution/electrically interlinkable; cascadable)
- Robust aluminium housing for heat dissipation
- Made in Germany



Features	Unit	IP-LED01-24VDC	IP-LED02-24VDC	IP-LED03-24VDC	IP-LED04-24VDC	IP-LED05-24VDC	IP-LED06-24VDC
Power Supply	V	24V DC					
Luminosity	Lm	145 Lm/W					
Lamp luminous flux	Lm	630 Lm	945 Lm	1260 Lm	1890 Lm	2835 Lm	3780 Lm
Lamp type	-	LED Surface-mounted Luminaire					
Illuminant	-	SMD LED					
Light distribution	-	Direct					
Light colour	-	Daylight white (5200-5700K)					
Beam angle (optics)	-	120°					
Colour rendering	Ra	>85					
Power consumption	W	~4 W	~6 W	~8 W	~13 W	~19 W	~24 W
Service life	hr	>60,000 h					
Electrical connection	-	M12 A-type encoded					
Housing material	-	Aluminium					
Cover material	-	Polycarbonate; clear; shatterproof					
Protection degree/Class	-	IP54 / Class III					
Operating temperature	°C (°F)	-10...+60 °C					
Mounting	-	Swivel / Planar mounting					
Installation	-	Electrical Interlinked					
Dimensions	mm	180(L) x 26(W) x 31(H)	260(L) x 26(W) x 31(H)	350(L) x 26(W) x 31(H)	520(L) x 26(W) x 31(H)	760(L) x 26(W) x 31(H)	1020(L) x 26(W) x 31(H)
Net weight	kg	0.18	0.20	0.30	0.35	0.50	0.70
Gross weight	kg	0.33	0.35	0.45	0.60	0.80	1.00
Conformity/Certifications	-	CE; ETL Listed					

Custom Stainless Steel

Endless Possibilities*

No matter how small, large or complex, we work with customers to meet their Stainless Steel project requirements. Simply contact our customer support team and tell us what you require.

Custom Enclosure Capabilities:

- Non-standard shapes and sizes
- Holes and cut-outs
- Locking systems
- Ventilation
- Internal shelves & brackets
- Viewing windows
- Accessories fitted



Custom Hygienic Enclosures incorporated with an additional Support Arm System, HMI with Auxiliary control cut outs.



Custom Consoles with cut-outs for auxiliary equipment, incorporated with an additional Support Arm System and HMI.



Custom Consoles with an additional Support Arm System and HMI.

Custom Electrical Enclosures



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

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.



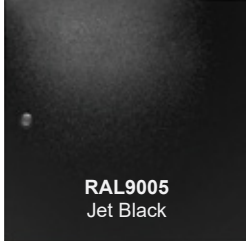

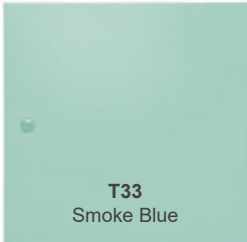
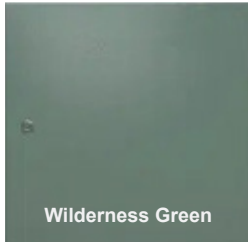





Colour Options



COLOUR CHART

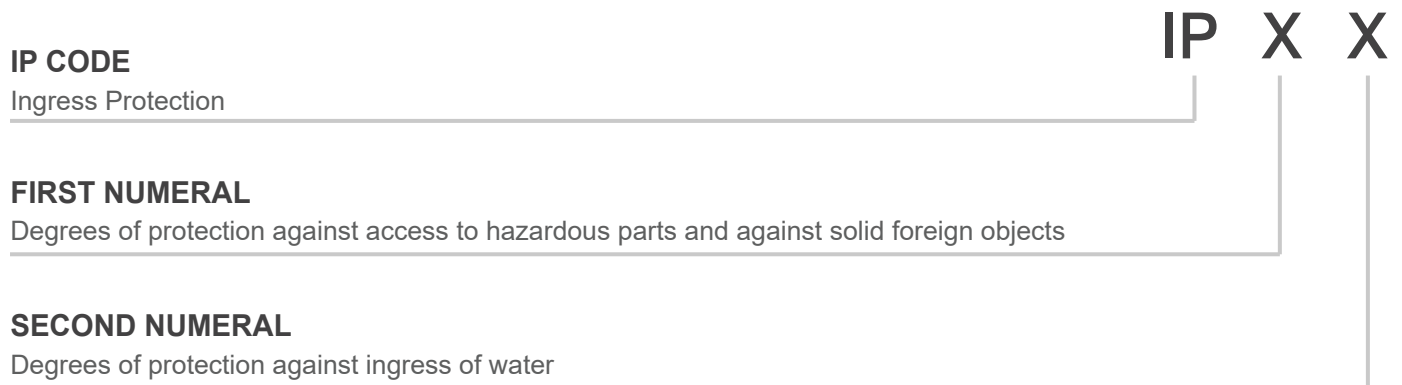
Standard colours are shown in the colour chart below. All enclosures are supplied as RAL7035 Light Grey unless requested otherwise. Refer to tables for part number suffix. Other RAL colours available upon request.

 <p>RAL9016 Traffic White</p>	 <p>RAL7035 (Standard) Light Grey</p>	 <p>RAL9005 Jet Black</p>	 <p>RAL5015 Sky Blue</p>
 <p>T33 Smoke Blue</p>	 <p>Wilderness Green</p>	 <p>RAL2000 Yellow Orange</p>	 <p>RAL3001 R13 Signal Red</p>
			

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.



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 PTY LTD

ABN 17 168 921 319

Head Office: 19-27 Fren Chaplin Circuit, Bells Creek QLD 4551

sales@ipenclosures.com.au | www.ipenclosures.com.au

T: 1300 576 094 | + 61 7 5450 1489

GLOBAL DISTRIBUTION: UK Europe USA UAE NZ Asia-Pacific