



GENERAL CATALOGUE

Electrical Enclosures, Cabinets & Data Racks



Protection in the toughest conditions™

When critical infrastructure is exposed to damaging rain, abrasive dust, corrosive salty air, or unpredictable temperature swings, IP Enclosures provides protection. Tested to international standards, with certifications up to IP66 IK10 protection, each enclosure is engineered to withstand New Zealand's extreme and dynamically changing weather and environments.

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Mounted Electrical Enclosures

Steel | Powder Coated

S1

SINGLE DOOR | IP66 IK10



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



Features & Specifications

S1

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

Protection: IP66 IK10 (NEMA 4)

(Independent accredited test laboratory)

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

Material:

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



Body: The robust monoblock body is fabricated using galvanised steel sheet (1.2mm-1.5mm). Flat face sealing surfaces are provided to increase seal life. Pre-fitted blind 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. 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 AkzoNobel epoxy polyester powder coated with a textured finish. 80-120 micron average thickness. The standard electrical enclosure colour is RAL7035. A full range of other colour options are available upon request.

Certificates:

IEC 60529 Degrees of protection provided by enclosures: Certificate AB-0386-T 1902.14 02/00

IEC/EN 62208 Empty Enclosures for low-voltage switchgear and controlgear assemblies: Certificate 0366932-TSE-01/01

IEC/EN61439-1, 61439-2 Low voltage switchgear and controlgear assemblies: Certificate AB-0341-T, 23-297-R1-N1-1

CE Certificate of Compliance: Certificate SZL-21 MA 13338-1

UKCA Certificate of Compliance: Certificate SZU-22MA19560-1

UL: Listing Number E534557

IEC/EN 61439 Certified Test Ratings:

Rated Voltage: 400 V AC

Rated Insulation Voltage: 690 V

Rated Impulse Withstand Voltage: 6 kV

Rated Current: 630A

Rated Peak Withstand Current: 40kA

Rated Short-Time Withstand Current: 20kA (Busbar)

Rated Conditional Short Circuit Current: 20kA

Rated Frequency: 50Hz

Products are manufactured to Quality, Safety and Environmental standards.



Mounted Electrical Enclosures

Steel | Powder Coated

S2

DOUBLE DOOR | IP55 IK10



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



Features & Specifications

S2

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

Protection: IP55 IK10 (NEMA 3)

(Independent accredited test laboratory)

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



Material:

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

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

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

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

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

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

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

Certificates:

- IEC 60529 Degrees of protection provided by enclosures: Certificate AB-0386-T 1610.05.01/00
- IEC/EN 62208 Empty Enclosures for low-voltage switchgear and controlgear assemblies: Certificate 0366932-TSE-01/01
- IEC/EN61439-1, 61439-2 Low voltage switchgear and controlgear assemblies: Certificate AB-0341-T, 23-314-R1-N1-1
- CE Certificate of Compliance: Certificate SZL-21 MA 13338-1
- UKCA Certificate of Compliance: Certificate SZU-22MA19560-1

IEC/EN 61439 Certified Test Ratings:

- Rated Voltage: 400 V AC
- Rated Insulation Voltage: 690 V
- Rated Impulse Withstand Voltage: 6 kV
- Rated Current: 630A
- Rated Peak Withstand Current: 40kA
- Rated Short-Time Withstand Current: 20kA (Busbar)
- Rated Conditional Short Circuit Current: 20kA
- Rated Frequency: 50Hz



Steel | Powder Coated

S1

SINGLE DOOR | IP66 IK10

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

SINGLE DOOR, LANDSCAPE ORIENTATION I IP66 IK10



Part Number	Enclosure Size	Device Plate	Locks	Accessories
Standard	H x W x D (mm)	H x W (mm)	Qty	Rain Hood
IP-L304015	300 x 400 x 150	250 x 330	1	-
IP-L304020	300 x 400 x 200	250 x 330	1	IP-PSRH4020
IP-L406020	400 x 600 x 200	350 x 530	1	IP-PSRH6020
IP-L406030	400 x 600 x 300	350 x 530	1	IP-PSRH6030
IP-L608030	600 x 800 x 300	750 x 730	2	IP-PSRH8030

SINGLE DOOR, FLOOR STANDING WITH PEDESTAL I IP66 IK10



Part Number	Enclosure Size	Device Plate	Locks
Standard	H x W x D (mm)	H x W (mm)	Type
IP-1408040	1400 x 800 x 400	1350 x 730	3-Point
IP-1608040	1600 x 800 x 400	1550 x 730	3-Point
IP-20010040	2000 x 1000 x 400	1950 x 930	3-Point

*+100mm base plinth

DOUBLE DOOR I IP55 IK10



Part Number	Enclosure Size	Device Plate	Locks
Standard	H x W x D (mm)	H x W (mm)	Qty
IP-L4010030	400 x 1000 x 300	350 x 930	1
IP-L4010040	400 x 1000 x 400	350 x 930	1
IP-L6010030	600 x 1000 x 300	550 x 930	3
IP-L6010040	600 x 1000 x 400	550 x 930	3
IP-L4012030	400 x 1200 x 300	350 x 1130	1
IP-L4012040	400 x 1200 x 400	350 x 1130	1
IP-L6012030	600 x 1200 x 300	550 x 1130	3
IP-L6012040	600 x 1200 x 400	550 x 1130	3
IP-10010030	1000 x 1000 x 300	950 x 930	3
IP-10010040	1000 x 1000 x 400	950 x 930	3
IP-12010030	1200 x 1000 x 300	1150 x 930	3
IP-12010040	1200 x 1000 x 400	1150 x 930	3
IP-12012030	1200 x 1200 x 300	1150 x 1130	3
IP-12012040	1200 x 1200 x 400	1150 x 1130	3

Mounted Electrical Enclosures

Marine Grade Aluminium | Powder Coated

A1

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

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

Certificates:

- IEC 60529 Degrees of protection provided by enclosures: Certificate AB-1374-T 2021-PTC-1162-2
- IEC/EN 62208 Empty Enclosures for low-voltage switchgear and controlgear assemblies: Certificate 0366932-TSE-01/01
- CE Certificate of Compliance: Certificate SZL-21 MA 13338-1
- UKCA Certificate of Compliance: Certificate SZU-22MA19560-1
- UL: Listing Number E534557

Part Number	Enclosure Size	Device Plate	Locks
Standard	H x W x D (mm)	H x W (mm)	Qty
IP-A302020	300 x 300 x 200	250 x 130	1
IP-A404020	400 x 400 x 200	250 x 180	1
IP-A505025	500 x 500 x 250	250 x 230	1
IP-A606020	600 x 600 x 200	250 x 230	2
IP-A606030	600 x 600 x 300	350 x 230	2

Mounted Electrical Enclosures

Stainless Steel Grade 316L (Optional 304)

SS1

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 (NEMA 4X)

(Independent accredited test laboratory)

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

Material:

- Body: 1.5mm Grade 316L Stainless Steel (Optional 304)
- Door: 1.5mm Grade 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 316L Stainless Steel (Grade 304 is also available). 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. 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 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.

Certificates:

- IEC 60529 Degrees of protection provided by enclosures: Certificate AB-0386-T 1902.14 02/00
- IEC/EN 62208 Empty Enclosures for low-voltage switchgear and controlgear assemblies: Certificate 0366932-TSE-01/01
- IEC/EN61439-1, 61439-2 Low voltage switchgear and controlgear assemblies: Certificate AB-0341-T, 23-297-R1-N1-1
- CE Certificate of Compliance: Certificate SZL-21 MA 13338-1
- UKCA Certificate of Compliance: Certificate SZU-22MA19560-1
- UL: Listing Number E534557
- IEC/EN 61439 Certified Test Ratings:
- Rated Voltage: 400 V AC
- Rated Insulation Voltage: 690 V
- Rated Impulse Withstand Voltage: 6 kV
- Rated Current: 630A
- Rated Peak Withstand Current: 40kA
- Rated Short-Time Withstand Current: 20kA (Busbar)
- Rated Conditional Short Circuit Current: 20kA
- Rated Frequency: 50Hz

Products are manufactured to Quality, Safety and Environmental standards.



Mounted Electrical Enclosures

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

SS2

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

Protection: IP55 IK10 (NEMA 3X)

(Independent accredited test laboratory)

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

Material:

- Body: 1.5mm Grade 316L Stainless Steel (Optional 304)
- Door: 1.5mm Grade 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 316L Stainless Steel (Grade 304 is also available). 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. 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 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.

Certificates:

- IEC 60529 Degrees of protection provided by enclosures: Certificate AB-0386-T 1610.05.01/00
- IEC/EN 62208 Empty Enclosures for low-voltage switchgear and controlgear assemblies: Certificate 0366932-TSE-01/01
- IEC/EN61439-1, 61439-2 Low voltage switchgear and controlgear assemblies: Certificate AB-0341-T, 23-314-R1-N1-1
- CE Certificate of Compliance: Certificate SZL-21 MA 13338-1
- UKCA Certificate of Compliance: Certificate SZU-22MA19560-1
- IEC/EN 61439 Certified Test Ratings:
- Rated Voltage: 400 V AC
- Rated Insulation Voltage: 690 V
- Rated Impulse Withstand Voltage: 6 kV
- Rated Current: 630A
- Rated Peak Withstand Current: 40kA
- Rated Short-Time Withstand Current: 20kA (Busbar)
- Rated Conditional Short Circuit Current: 20kA
- Rated Frequency: 50Hz

Products are manufactured to Quality, Safety and Environmental standards.



Stainless Steel Grade 304 & 316L

SS1

SINGLE DOOR I 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-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-SS505020	IP-304-505020	500 x 500 x 200	450 x 430	1	IP-SSID5050	-	-
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-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-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-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-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-SSRH6025	-
IP-SS1006030	IP-304-1006030	1000 x 600 x 300	950 x 530	2	-	IP-SSRH6030	-
IP-SS1008030	IP-304-1008030	1000 x 800 x 300	950 x 730	2	-	IP-SSRH8030	-
IP-SS1008040	IP-304-1008040	1000 x 800 x 400	950 x 730	2	-	-	-
IP-SS1206030	IP-304-1206030	1200 x 600 x 300	1150 x 530	2	-	IP-SSRH6030	-
IP-SS1208030	IP-304-1208030	1200 x 800 x 300	1150 x 730	2	-	IP-SSRH8030	-
IP-SS1208040	IP-304-1208040	1200 x 800 x 400	1150 x 730	2	-	-	-

Stainless Steel Grade 304 & 316L

SS1 SS2

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	Rain Hood
IP-SSL304015	IP-304-L304015	300 x 400 x 150	250 x 330	1	-
IP-SSL304020	IP-304-L304020	300 x 400 x 200	250 x 330	1	IP-SSRH4020
IP-SSL406020	IP-304-L406020	400 x 600 x 200	350 x 530	1	IP-SSRH6020
IP-SSL406030	IP-304-L406030	400 x 600 x 300	350 x 530	1	IP-SSRH6030
IP-SSL608030	IP-304-L608030	600 x 800 x 300	550 x 730	2	IP-SSRH8030

SINGLE DOOR, FLOOR STANDING WITH PEDESTAL | IP66 IK10

Part Number	Optional	Enclosure Size	Device Plate	Locks
Grade 316	Grade 304	H x W x D (mm)	H x W (mm)	Type
IP-SS1408040	IP-304-1408040	1400* x 800 x 400	1350 x 730	3
IP-SS1608040	IP-304-1608040	1600* x 800 x 400	1550 x 730	3
IP-SS20010040	IP-304-20010040	2000* x 1000 x 400	1950 x 930	3

*+100mm base plinth

DOUBLE DOOR | IP55 IK10

Part Number	Optional	Enclosure Size	Device Plate	Locks	Accessories
Grade 316	Grade 304	H x W x D (mm)	H x W (mm)	Type	Rain Hood
IP-SSL6010030	IP-304-L6010030	600 x 1000 x 300	550 x 930	3-Point	IP-SSRH10030
IP-SSL6012030	IP-304-L6012030	600 x 1200 x 300	550 x 1130	3-Point	IP-SSRH12030
IP-SS10010030	IP-304-10010030	1000 x 1000 x 300	950 x 930	3-Point	IP-SSRH10030
IP-SS10010040	IP-304-10010040	1000 x 1000 x 400	950 x 930	3-Point	IP-SSRH10040
IP-SS12010030	IP-304-12010030	1200 x 1000 x 300	1150 x 930	3-Point	IP-SSRH10040
IP-SS12010040	IP-304-12010040	1200 x 1000 x 400	1150 x 930	3-Point	IP-SSRH10040
IP-SS12012030	IP-304-12012030	1200 x 1200 x 300	1150 x 1130	3-Point	IP-SSRH12030
IP-SS12012040	IP-304-12012040	1200 x 1200 x 400	1150 x 1130	3-Point	IP-SSRH12040

Mounted Electrical Enclosures

Stainless Steel Grade 316/316L

SSSR1

SLOPING ROOF | SINGLE DOOR | IP66



The IP Enclosures SSSR range of grade 316/316L stainless steel sloping roof enclosures are designed to house a variety of electrical switch and control equipment in extreme environments. The sloping roof assists to prevent build up of dust, debris and waste material.



Features & Specifications

IP Enclosures SSSR range of grade 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 (NEMA 4X)

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

Material:

- Body: 1.5mm Grade 316L Stainless Steel
- Door: 1.5mm Grade 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 316L Stainless Steel. Flat face sealing surfaces are provided to increase seal life. Pre-fitted blind nuts are incorporated to accommodate mountings 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 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-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-SSSR604025	600 x 400 x 250	550 x 330	2	IP-SSID6040	IP-SS6040WINDOOR
IP-SSSR606030	600 x 600 x 300	550 x 530	2	IP-SSID6060	IP-SS6060WINDOOR
IP-SSSR806030	800 x 600 x 300	750 x 530	2	IP-SSID8060	IP-SS8060WINDOOR
IP-SSSR808030	800 x 800 x 300	750 x 730	2	IP-SSID8080	IP-SS8080WINDOOR
IP-SSSR1008030	1000 x 800 x 300	950 x 730	2	-	-

SSSR1



Accessories

Transparent Door | Wall Mounted

STEEL

Size	Part Number
H x W (mm)	Transparent Door
400 x 400	IP-4040WINDOOR
500 x 500	IP-5050WINDOOR
600 x 400	IP-6040WINDOOR
600 x 600	IP-6060WINDOOR
800 x 600	IP-8060WINDOOR
800 x 800	IP-8080WINDOOR

316 STAINLESS STEEL

Size	Part Number
H x W (mm)	Transparent Door
400 x 400	IP-SS4040WINDOOR
500 x 500	IP-SS5050WINDOOR
600 x 400	IP-SS6040WINDOOR
600 x 600	IP-SS6060WINDOOR
800 x 600	IP-SS8060WINDOOR
800 x 800	IP-SS8080WINDOOR



DIN Rail Kits | Wall Mounted

Part Number	Size	Description
SKU	Pole, H x W (mm)	Qty Row x Qty
IP-DB12B	12 Pole to suit 300Hx400Wx200D Enclosure c/w Earth/ Neutral Bar Mounting	1 row of 12
IP-DB24B	24 Pole to suit 400Hx400Wx200D Enclosure c/w Earth/ Neutral Bar Mounting	2 rows of 12
IP-DB36B	36 Pole to suit 600Hx400Wx200D Enclosure c/w Earth/ Neutral Bar Mounting	3 rows of 12
IP-DB48B	48 Pole to suit 400Hx600Wx200D Enclosure c/w Earth/ Neutral Bar Mounting	2 rows of 24
IP-DB72B	72 Pole to suit 600Hx600Wx200D Enclosure c/w Earth/ Neutral Bar Mounting	3 rows of 24
IP-DB96B	96 Pole to suit 800Hx600Wx200D Enclosure c/w Earth/ Neutral Bar Mounting	4 rows of 24
IP-DB144B	144 Pole to suit 1000Hx600Wx250D Enclosure c/w Earth/Neutral Bar Mounting	6 rows of 24



Accessories

Inner Door Escutcheons | Wall Mounted

STEEL

Size	Accessories	Device Plate
H x W (mm)	Inner Door	Inner to Outer Door
300 x 200	IP-PSID3020	68.3mm
300 x 300	IP-PSID3030	68.3mm
400 x 300	IP-PSID4030	68.3mm
400 x 400	IP-PSID4040	68.3mm
500 x 400	IP-PSID5040	68.3mm
500 x 500	IP-PSID5050	68.3mm
600 x 400	IP-PSID6050	68.3mm
600 x 600	IP-PSID6060	68.3mm
800 x 600	IP-PSID8060	68.3mm
800 x 800	IP-PSID8080	68.3mm
1000 x 600	IP-PSID10060	68.3mm



STAINLESS STEEL

Size	Accessories	Device Plate
H x W (mm)	Inner Door	Inner to Outer Door
300 x 200	IP-PSID3020	68mm
300 x 300	IP-PSID3030	68mm
400 x 300	IP-PSID4030	68mm
400 x 400	IP-PSID4040	68mm
500 x 500	IP-PSID5050	68mm
600 x 400	IP-PSID6040	68mm
600 x 600	IP-PSID6060	68mm
800 x 600	IP-PSID8060	68mm
800 x 800	IP-PSID8080	68mm



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

Steel

Part Number	Length (mm)
IP-PLINTH6030	600W x300D
IP-PLINTH6040	600W x400D
IP-PLINTH8030	800W x300D
IP-PLINTH8040	800W x400D

Stainless Steel

Part Number	Length (mm)
IP-SSPLINTH6030	600W x300D
IP-SSPLINTH6040	600W x400D
IP-SSPLINTH8030	800W x300D
IP-SSPLINTH8040	800W x400D



Accessories

Rain Hoods I Wall Mounted



STEEL



STAINLESS STEEL

Size	Part Number
W x D (mm)	Rain Hood
200 x 150	IP-PSRH2015
300 x 150	IP-PSRH3015
300 x 200	IP-PSRH3020
400 x 200	IP-PSRH4020
500 x 250	IP-PSRH5025
600 x 200	IP-PSRH6020
600 x 300	IP-PSRH6030
800 x 300	IP-PSRH8030

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 200	IP-SSRH4020
500 x 250	IP-SSRH5025
600 x 200	IP-SSRH6020
600 x 300	IP-SSRH6030
800 x 300	IP-SSRH8030



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

EARTHING KITS

Part Number	Description
IP-EK01	Standard Earthing Kit



19" DATA RACK RAIL KITS

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

Part Number	Description
IP-PCPPA4	A4 wiring plan pocket, Self-Adhesive Polycarbonate



ARCA IEC Enclosures

High-Impact Polycarbonate

ARCA

SINGLE DOOR | IP66 IK10



ARCA IEC enclosures deliver durable protection in harsh industrial environments. Lightweight, corrosion-resistant, and easy to install, they're engineered for long service life without the challenges of steel or GRP. ARCA is a smart alternative where strength and performance are essential, with all the benefits of advanced thermoplastic construction.

Features & Specifications

Engineered for durability and versatility in safeguarding electrical components in industrial environments, ensuring reliable protection and easy installation.

Protection: IP66 IK10 (IP65 IK08 with Transparent Door)

Material: High-Impact Polycarbonate

Standard Door	with Window Door	
SKU	SKU	Dimensions (H x W x D) mm
ARCA-302015	ARCA-302015W	300 x 200 x 150
ARCA-303021	ARCA-303021W	300 x 300 x 210
ARCA-403015	ARCA-403015W	400 x 300 x 150
ARCA-403021	ARCA-403021W	400 x 300 x 210
ARCA-404021	ARCA-404021W	400 x 400 x 210
ARCA-504021	ARCA-504021W	500 x 400 x 210
ARCA-505021	ARCA-505021W	500 x 500 x 210
ARCA-604021	ARCA-604021W	600 x 400 x 210
ARCA-705030	ARCA-705030W	700 x 500 x 300
ARCA-806030	ARCA-806030W	800 x 600 x 300

ARCA



Accessories

Inner Doors, Mounting Brackets, DIN Rail Set

Standard	with Transparent Door	Inner Door set	DIN Rail set	
SKU	SKU	SKU	SKU	Description
ARCA-302015	ARCA-302015W	IDS-ARCA-3020	DRS-ARCA-302015	1 row x 5 modules
ARCA-303021	ARCA-303021W	IDS-ARCA-3030	DRS-ARCA-303021	2 row x 11 modules
ARCA-403015	ARCA-403015W	IDS-ARCA-4030	DRS-ARCA-403015	2 row x 11 modules
ARCA-403021	ARCA-403021W	IDS-ARCA-4030	DRS-ARCA-403021	2 row x 11 modules
ARCA-404021	ARCA-404021W	IDS-ARCA-4040	DRS-ARCA-404021	2 row x 17 modules
ARCA-504021	ARCA-504021W	IDS-ARCA-5040	DRS-ARCA-504021	3 row x 16 modules
ARCA-505021	ARCA-505021W	IDS-ARCA-5050	DRS-ARCA-505021	3 row x 22 modules
ARCA-604021	ARCA-604021W	IDS-ARCA-6040	DRS-ARCA-604021	3 row x 16 modules
ARCA-705030	ARCA-705030W	IDS-ARCA-7050	DRS-ARCA-705030	4 row x 21 modules
ARCA-806030	ARCA-806030W	IDS-ARCA-8060	DRS-ARCA-806030	4 row x 26 modules

Note: Cabinets come with Steel gear plates included.

Accessories	
SKU	Description
LIS-ARCA-455E	Padlock handle for 2030-6040
WMK-ARCA-10-SMALL	Stainless Wall mounting lugs set adds 10 mm between wall and cabinet
WMK-ARCA-10-MID	Stainless Wall mounting lugs set for 5070-8060 adds 10 mm between wall and cabinet



EURONORD

PC

Polycarbonate | ABS | Polyester

SINGLE DOOR | IP66 IP67 IK07/IK08



EURONORD enclosures offer over 170 standard sizes for high compatibility and modularity. The Euronord 3 series introduces quick-release screws and recessed lids, ideal for membrane keypads or print overlays. Choose from ABS, polycarbonate, or polyester — all engineered to deliver long-lasting protection in demanding applications..

Features & Specifications

PC

Plastic Enclosures/Terminal Boxes provide durable and versatile electrical enclosure solutions, offering reliable protection and ease of installation for wiring connections in industrial and commercial settings.

Protection: IP66, IP67 (Polycarbonate & ABS); IP66 (Polyester),
IK07/IK08 (Polycarbonate); IK07 (ABS); IK08 (Polyester)

Material: Polycarbonate, ABS, Polyester

POLYCARBONATE

Polycarbonate	Polycarbonate transparent cover		Accessories
SKU	SKU	Dimensions	Mounting Plate
PC-050504	PCT-050705	52 x 50 x 40	TM-0505
PC-050705		50 x 65 x 45	TM-0507
PC-080806	PCT-080806	80 x 82 x 55	TM-0808
PC-080807	PCT-080807	80 x 82 x 65	TM-0808
PC-081206H		80 x 120 x 60	TM-0812
PC-081607	PCT-081607	80 x 160 x 65	TM-0816
PC-121208		120 x 120 x 75	TM-1212
PC-121210		120 x 122 x 95	TM-1212
PC-121609	PCT-121609	120 x 160 x 90	TM-1216
PC-122009	PCT-122009	120 x 200 x 90	TM-1220
PC-162509		160 x 250 x 90	TM-1625
	PCT-162513	160 x 250 x 125	TM-1625
PC-162515		160 x 250 x 150	TM-1625
PC-203615	PCT-203615	200 x 360 x 151	TM-2036
PC-233011	PCT-233011	230 x 300 x 110	TM-2330

ACCESSORIES

Polycarbonate	Description
SKU	
FP-22046	Wall fastening lugs (4 pcs.) incl. screws
TH-A	Grey plastic hinges (2 pcs.) incl. mounting screws
MR-28548ZN	M4x6, Mounting screws for mounting plates
MR-28549ZN	M4x6, Mounting screws for mounting plates

MCE65

Acrylonitrile Acrylic Styrene

MCE65

SINGLE DOOR | IP65 IK08



The MCE65 range is designed to protect DIN rail-mounted components in light industrial and commercial environments. Each enclosure includes terminals, accessories, and a transparent SAN door — ready to go from day one. Rated to IP65 and made from rugged thermoplastic, the MCE65 handles dust, water jets, and harsh UV without compromise.

With lightning protection capability, weatherproof sealing, and sizes from 4 to 48 modules, it's a fit-and-forget solution where reliability counts.

Features & Specifications

MCE65

Designed to house Din Rail mounted components for organizing electrical systems, the MCE series is an ideal choice for industrial and commercial applications, offering robust protection with its IP65 rating.

This ensures that the unit is dust-tight and protected against water jets, making it suitable for challenging environments where reliability is crucial.

Protection: IP65 IK08

Material: Acrylonitrile Acrylic Styrene

SKU	Description	Dimension
MCE65-4M	4 modules	127 x 200 x 120
MCE65-6M	6 modules	165 x 201 x 120
MCE65-8M	8 modules	200 x 200 x 120
MCE65-12M	12 modules	318 x 258 x 142
MCE65-18M	18 modules	259 x 428 x 142
MCE65-24M	24 modules	318 x 383 x 142
MCE65-36M	36 modules	318 x 504 x 142
MCE65-48M	48 modules	318 x 663 x 142

Includes: DIN rail, insulated terminals, neutral and earth bars, blanking covers, install accessories, and plastic screw caps



Lightning Protection



Rugged Thermoplastic



Weatherproofing in all conditions

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.



Features & Specifications

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

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 AkzoNobel epoxy polyester powder coated with a textured finish. 80-120 micron average thickness.

- Colour: RAL7035 (Other colours available upon request)
- 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

Certificates:

IEC 60529 Degrees of protection provided by enclosures:

Certificate AB-0386-T 1902.14 01/00

IEC/EN 62208 Empty Enclosures for low-voltage switchgear and controlgear assemblies:

Certificate 0366932-TSE-01/01

IEC/EN61439-1, 61439-2 Low Voltage Switchgear and Controlgear Assemblies:

Certificate 0406176-TSE-02/01

CE Certificate of Compliance: Certificate SZL-21 MA 13338-1

UKCA Certificate of Compliance: Certificate SZU-22MA19560-1

IEC/EN 61439 Certified Test Ratings:

Rated Voltage: 400 V AC

Rated Insulation Voltage: 690 V

Rated Impulse Withstand Voltage: 8 kV

Rated Current: 630A -1600A – 4000A

Main Circuit Short-Time Current Withstand: 30kA/1sec – 40kA/1sec – 60kA/1sec

Distribution Circuit Short-Time Current Withstand: 25kA/1sec – 36kA/1sec – 50kA/1sec

Auxilliary Circuit Short-Time Current Withstand: – – 30kA – 40kA/1sec – 36kA/1sec

Neutral Circuit Short-Time Current Withstand: – – 25kA/1sec – 36kA/1sec

Protection Circuit Short-Time Current Withstand: 18kA/1sec – 25kA/1sec – 36kA/1sec

Rated Conditional Short Circuit Current: 36kA/630A, 30kA/400A – 45kA/1600A,

36kA/1250A, 36kA/1000A – 65kA/4000A, 55kA/3200A, 45kA/2500A, 40kA/2000A

Rated Frequency: 50Hz

Products are manufactured to Quality, Safety and Environmental standards.



Floor Standing Electrical Cabinets

Stainless Steel Grade 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.



Features & Specifications

MF1SS

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

Protection: IP55 IK10

(Independent accredited test laboratory)

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

Material:

- Main Frame: 2.0mm Grade 316L Stainless Steel W Profile System
- Covers: 1.2mm Grade 316L Stainless Steel
- Front Door: 2.0mm Grade 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

Certificates:

IEC 60529 Degrees of protection provided by enclosures:

Certificate AB-0386-T 1902.14 01/00

IEC/EN 62208 Empty Enclosures for low-voltage switchgear and controlgear assemblies:

Certificate 0366932-TSE-01/01

IEC/EN61439-1, 61439-2 Low Voltage Switchgear and Controlgear Assemblies:

Certificate 0406176-TSE-02/01

CE Certificate of Compliance: Certificate SZL-21 MA 13338-1

UKCA Certificate of Compliance: Certificate SZU-22MA19560-1

IEC/EN 61439 Certified Test Ratings:

Rated Voltage: 400 V AC

Rated Insulation Voltage: 690 V

Rated Impulse Withstand Voltage: 8 kV

Rated Current: 630A -1600A – 4000A

Main Circuit Short-Time Current Withstand: 30kA/1sec – 40kA/1sec – 60kA/1sec

Distribution Circuit Short-Time Current Withstand: 25kA/1sec – 36kA/1sec – 50kA/1sec

Auxiliary Circuit Short-Time Current Withstand: – – 30kA – 40kA/1sec – 36kA/1sec

Neutral Circuit Short-Time Current Withstand: – – 25kA/1sec – 36kA/1sec

Protection Circuit Short-Time Current Withstand: 18kA/1sec – 25kA/1sec – 36kA/1sec

Rated Conditional Short Circuit Current: 36kA/630A – 30kA/400A – 45kA/1600A –

36kA/1250A – 36kA/1000A – 65kA/4000A – 55kA/3200A – 45kA/2500A – 40kA/2000A

Rated Frequency: 50Hz

Products are manufactured to Quality, Safety and Environmental standards.



Steel | Powder Coated

MF1S

SINGLE DOOR | IP55 IK10

Part Number	Cabinet Size			Supplied with KIT				Accessories
	H	W	D	Enclosure	Side Panel	Device Plate	Base	Inner Door
IP-MFS1624040-KIT	1620	400	400	IP-MFS1624040	IP-MFSP16240	IP-MFSM16240	IP-MFSB4040	IP-MFSID16240
IP-MFS1624060-KIT	1620	400	600	IP-MFS1624060	IP-MFSP16260	IP-MFSM16240	IP-MFSB4060	IP-MFSID16240
IP-MFS1624080-KIT	1620	400	800	IP-MFS1624080	IP-MFSP16280	IP-MFSM16240	IP-MFSB4080	IP-MFSID16260
IP-MFS1624040-KIT	1620	600	400	IP-MFS1624040	IP-MFSP16040	IP-MFSM16040	IP-MFSB6040	IP-MFSID16260
IP-MFS1626060-KIT	1620	600	600	IP-MFS1626060	IP-MFSP16260	IP-MFSM16260	IP-MFSB6060	IP-MFSID16260
IP-MFS1626080-KIT	1620	600	800	IP-MFS1626080	IP-MFSP16280	IP-MFSM16260	IP-MFSB6080	IP-MFSID16260
IP-MFS1628040-KIT	1620	800	400	IP-MFS1628040	IP-MFSP16240	IP-MFSM16280	IP-MFSB8040	IP-MFSID16280
IP-MFS1628060-KIT	1620	800	600	IP-MFS1628060	IP-MFSP16260	IP-MFSM16280	IP-MFSB8060	IP-MFSID16280
IP-MFS1628080-KIT	1620	800	800	IP-MFS1628080	IP-MFSP16280	IP-MFSM16280	IP-MFSB8080	IP-MFSID16280
IP-MFS16210060-KIT	1620	1000	600	IP-MFS16210060	IP-MFSP16260	IP-MFSM162100	IP-MFSB10060	-
IP-MFS16210080-KIT	1620	1000	800	IP-MFS16210080	IP-MFSP16280	IP-MFSM162100	IP-MFSB10080	-
IP-MFS16212060-KIT	1620	1200*	600	IP-MFS16212060	IP-MFSP16260	IP-MFSM162120	IP-MFSB12060	-
IP-MFS16212080-KIT	1620	1200*	800	IP-MFS16212080	IP-MFSP16280	IP-MFSM162120	IP-MFSB12080	-
IP-MFS1864040-KIT	1860	400	400	IP-MFS1864040	IP-MFSP18640	IP-MFSM18640	IP-MFSB4040	IP-MFSID18640
IP-MFS1864060-KIT	1860	400	600	IP-MFS1864060	IP-MFSP18660	IP-MFSM18640	IP-MFSB4060	IP-MFSID18640
IP-MFS1864080-KIT	1860	400	800	IP-MFS1864080	IP-MFSP18680	IP-MFSM18640	IP-MFSB4080	IP-MFSID18640
IP-MFS1866040-KIT	1860	600	400	IP-MFS1866040	IP-MFSP18640	IP-MFSM18660	IP-MFSB6040	IP-MFSID18660
IP-MFS1866060-KIT	1860	600	600	IP-MFS1866060	IP-MFSP18660	IP-MFSM18660	IP-MFSB6060	IP-MFSID18660
IP-MFS1866080-KIT	1860	600	800	IP-MFS1866080	IP-MFSP18680	IP-MFSM18660	IP-MFSB6080	IP-MFSID18660
IP-MFS1868040-KIT	1860	800	400	IP-MFS1868040	IP-MFSP18640	IP-MFSM18680	IP-MFSB8040	IP-MFSID18680
IP-MFS1868060-KIT	1860	800	600	IP-MFS1868060	IP-MFSP18660	IP-MFSM18680	IP-MFSB8060	IP-MFSID18680
IP-MFS1868080-KIT	1860	800	800	IP-MFS1868060	IP-MFSP18680	IP-MFSM18680	IP-MFSB8080	IP-MFSID18680
IP-MFS18610060-KIT	1860	1000	600	IP-MFS18610060	IP-MFSP18660	IP-MFSM186100	IP-MFSB10060	IP-MFSID186100
IP-MFS18612040-KIT	1860	1200	400	IP-MFS18612040	IP-MFSP18640	IP-MFSM186120	IP-MFSB12040	-
IP-MFS18612060-KIT	1860	1200	600	IP-MFS18612060	IP-MFSP18660	IP-MFSM186120	IP-MFSB12060	-
IP-MFS18612080-KIT	1860	1200	800	IP-MFS18612080	IP-MFSP18680	IP-MFSM186120	IP-MFSB12080	-
IP-MFS2024040-KIT	2020	400	400	IP-MFS2024040	IP-MFSP20240	IP-MFSM20240	IP-MFSB4040	IP-MFSID20240
IP-MFS2024060-KIT	2020	400	600	IP-MFS2024060	IP-MFSP20260	IP-MFSM20240	IP-MFSB4060	IP-MFSID20240
IP-MFS2024080-KIT	2020	400	800	IP-MFS2024080	IP-MFSP20280	IP-MFSM20240	IP-MFSB4080	IP-MFSID20240
IP-MFS2026040-KIT	2020	600	400	IP-MFS2026040	IP-MFSP20240	IP-MFSM20260	IP-MFSB6040	IP-MFSID20260
IP-MFS2026060-KIT	2020	600	600	IP-MFS2026060	IP-MFSP20260	IP-MFSM20260	IP-MFSB6060	IP-MFSID20260
IP-MFS2026080-KIT	2020	600	800	IP-MFS2026080	IP-MFSP20280	IP-MFSM20260	IP-MFSB6080	IP-MFSID20260
IP-MFS2028040-KIT	2020	800	400	IP-MFS2028040	IP-MFSP20240	IP-MFSM20280	IP-MFSB8040	IP-MFSID20280
IP-MFS2028060-KIT	2020	800	600	IP-MFS2028060	IP-MFSP20260	IP-MFSM20280	IP-MFSB8060	IP-MFSID20280
IP-MFS2028080-KIT	2020	800	800	IP-MFS2028080	IP-MFSP20280	IP-MFSM20280	IP-MFSB8080	IP-MFSID20280
IP-MFS20210060-KIT	2020	1000	600	IP-MFS20210060	IP-MFSP20260	IP-MFSM202100	IP-MFSB10060	IP-MFSID202100
IP-MFS20210080-KIT	2020	1000	800	IP-MFS20210080	IP-MFSP20280	IP-MFSM202100	IP-MFSB10080	IP-MFSID202100
IP-MFS20212060-KIT	2020	1200	600	IP-MFS20212060	IP-MFSP20260	IP-MFSM202120	IP-MFSB12060	-
IP-MFS20212080-KIT	2020	1200	800	IP-MFS20212080	IP-MFSP20280	IP-MFSM202120	IP-MFSB12080	-

*1200 Wide Cabinets = Double Door

Stainless Steel Grade 316L

MF1SS

SINGLE DOOR | IP55 IK10

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

*1200 Wide Cabinets = Double Door

Inner Door Escutcheons | Floor Standing



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

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

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

STEEL RANGE

Material: 1.5mm Galvanised steel sheet

Lock: Chrome 5mm double bit insert quarter turn locks

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

Standard colour: RAL7035.

STAINLESS STEEL RANGE

Material: 1.5mm Grade 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-MFSSID16260
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

Transparent Door | Floor Standing

WINDOOR™



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

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

Features and Specifications

Protection: Complies with IP66

Standard: IEC/EN/AS60529, RoHS

STEEL RANGE

- Enclosure Door: 1.5mm galvanised steel sheet
- Enclosure Seal: Polyurethane
- Windows: 4mm transparent tempered glass

Door: Fabricated from 1.5mm galvanised steel sheet incorporating concealed removable hinges with captive pins. Provided with recessed windows manufactured from 4mm transparent tempered glass with seal. Powder coated 80-120 micron.

Seal: High quality EPDM replaceable door seal.

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

STAINLESS STEEL RANGE

- Enclosure Door: 1.5mm Grade 316/316L Stainless Steel
- Enclosure Seal: Polyurethane
- Windows: 4mm transparent tempered glass

Door: Fabricated from 1.5mm Grade 316/316L Stainless Steel incorporating concealed removable hinges with captive pins. Provided with recessed windows manufactured from 4mm transparent tempered glass with seal.

Seal: High quality EPDM replaceable door seal.

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



STEEL

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

STAINLESS STEEL

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

Accessories

Shelf Kits | Floor Standing

SHL



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

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

FIXED COMPONENT SHELF (Height Adjustable)

Fixed shelf systems have many uses and can be used for component storage, separation and battery storage. Fixed shelves are pressed to provide strength. They are provided with fasteners and can be fitted into each cabinet 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	W x D (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	W x D (mm)	Kg
IP-MFS600LECTERN	600W Sliding Shelf	25
IP-MFS800LECTERN	800W Sliding Shelf	25



Accessories

Cover Plates & Brackets

CP



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

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

FRONT COVER PLATES

Material: Galvanised steel sheet

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

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 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



Accessories

MP

Mounting Plates, DIN Rail & Brackets



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

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

DIN RAIL & BRACKETS

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

MOUNTING PLATES

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



MOUNTING PLATE BRACKETS

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

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

DEPTH SLIDE KIT

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

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

Kiosks

Aluminium | Stainless Steel

KK

SINGLE DOOR | IP66 IK10



The IP Enclosures Montrose-style range of outdoor kiosks is designed to protect electrical and communications equipment in harsh environments. They are suitable for external installations across industrial, infrastructure, and communications applications. All kiosks feature an integrated plinth and overhanging roof for enhanced weather protection. IP66 and IK10 ratings ensure strong resistance to water, dust, and impact. All IP Enclosures are built to precision to ensure consistent high quality standards.



Features & Specifications

KK

IP Enclosures' Montrose-style kiosks are high-performance outdoor enclosures engineered for reliable protection of electrical and communications equipment in harsh environments. Featuring an integrated plinth and overhanging roof, they provide IP66 and IK10-rated protection against water, dust, and physical impact.

Protection: IP66 IK10 (NEMA 4)

Standard: IEC/EN 60529, IEC/EN 62208, RoHS, CE, UKCA



Material:

- Body: marine grade aluminium, or stainless steel
- Door: marine grade aluminium, or stainless steel
- Gland Plate: 1.5mm steel sheet
- Device Mounting Plate: 1.5mm galvanised steel sheet
- Seal: Polyurethane

Body: The robust monoblock body is fabricated from marine grade aluminium, or stainless steel. Flat face sealing surfaces enhance seal longevity, and integral device plate mounts and M6 earth studs are included. Designed for outdoor use, the base is fully integrated for secure floor mounting and additional structural strength.

Door: The surface-mounted door is built from aluminium, or stainless steel, with concealed removable hinges and captive pins for service access. Doors open to 110°, and include integral cable management rail studs and an M6 earth stud for bonding continuity.

Seal: A high-quality, machine-applied UL listed polyurethane foam-in-place (FIP) seal ensures reliable long-term sealing performance. Temperature resistance: -40°C to 80°C (160°C short-term loading).

Lock: 3-point locking system with a padlockable swing handle for enhanced security. A full range of locking options is available upon request.

Device Mounting Plate: Constructed from 1.5mm galvanised steel, pressed for added rigidity and pre-fitted as standard to support equipment installation.

Gland Plate: Provided with gasket and fasteners, the gland plate is fitted for easy cable management and to maintain enclosure sealing integrity.

Surface Treatment: UL approved epoxy polyester powder coating with a smooth finish. Coating thickness averages 80–120 microns. Standard colour: Karaka Green.

Certificates:

IEC 60529 – Certificate AB-0386-T 1902.14 02/00

IEC/EN 62208 – Certificate 0366932-TSE-01/01

CE – Certificate SZL-21 MA 13338-1

UKCA – Certificate SZU-22MA19560-1



STAINLESS STEEL

ALUMINIUM

Part Number	Size				
	SKU	H	x	W	x D
	IP-SSFE806040	800	x	600	x 400
	IP-SSFE808040	800	x	800	x 400
	IP-SSFE1408040	1400	x	800	x 400
	IP-SSFE10010040	1000	x	1000	x 400
	IP-SSFE12012040	1200	x	1200	x 400
	IP-SSFE14014040	1400	x	1400	x 400

Part Number	Size				
	SKU	H	x	W	x D
	IP-AFE806040-KK	800	x	600	x 400
	IP-AFE808040-KK	800	x	800	x 400
	IP-AFE1408040-KK	1400	x	800	x 400
	IP-AFE10010040-KK	1000	x	1000	x 400
	IP-AFE12012050-KK	1200	x	1200	x 500
	IP-AFE14014050-KK	1400	x	1400	x 500

Wall Mounted IP66 19" Data Racks

Steel | Powder Coated

SDW

SINGLE DOOR | IP66 IK10



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.

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

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

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

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

Standard Colour: RAL7035 (Other colours available upon request).

Accessories: A range of data rack accessories are available.



Part Number	Size
Standard	U/RU x Depth (mm)
IP-SDW4RU30	4RU x 300 Deep 19" Data Rack
IP-SDW6RU30	6RU x 300 Deep 19" Data Rack
IP-SDW6RU45	6RU x 450 Deep 19" Data Rack
IP-SDW9RU45	9RU x 450 Deep 19" Data Rack
IP-SDW12RU45	12RU x 450 Deep 19" Data Rack
IP-SDW12RU60	12RU x 600 Deep 19" Data Rack
IP-SDW15RU60	15RU x 600 Deep 19" Data Rack

Mounted IP66 19" Data Racks

SSDW

Stainless Steel Grade 316/316L (Optional 304)

SINGLE DOOR | IP66



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



Features & Specifications

SSDW

The IP Enclosures SSDW range of stainless steel wall mounted 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.

Protection: IP66 IK10

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



Material:

- Body: 1.5mm Grade 316/316L Stainless Steel (Optional 304)
- Door: 1.5mm Grade 316/316L Stainless Steel (Optional 304)
- 19" Data Rack Rails: 1.5mm galvanised steel sheet
- Enclosure Seal: Polyurethane

Body: The robust monoblock body is fabricated using 1.5mm Grade 316/316L Stainless Steel. Cutting, pressing and full continuous seam welding using precision automated manufacturing equipment to ensure accuracy and consistent high quality. Flat face sealing surfaces are provided to increase seal life. A stainless steel gland plate is also incorporated into the bottom face. Adjustable 19" data rack rails are provided fitted. 600mm deep racks include front and rear rails.

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

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

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



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

Floor Standing IP66 19" Data Racks

Steel | Powder Coated

SD

FRONT & REAR 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

SD

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/EN 60529, IEC/EN 62208, EIA-310-D, RoHS, CE, UKCA

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

Part Number	Size	No. of U (RU)	Cabinet Size
SKU	19"	U/RU	H x W x D (mm)
IP-SD606045-RD	19"	12RU	650 x 600 x 450
IP-SD806060-RD	19"	16RU	850 x 600 x 600
IP-SD806080-RD	19"	16RU	850 x 600 x 800
IP-SD1206060-RD	19"	24RU	1200 x 600 x 600
IP-SD1206080-RD	19"	24RU	1200 x 600 x 800
IP-SD1606060-RD	19"	32RU	1550 x 600 x 600
IP-SD1606080-RD	19"	32RU	1550 x 600 x 800
IP-SD2006060-RD	19"	42RU	2000 x 600 x 600
IP-SD2006080-RD	19"	42RU	2000 x 600 x 800



Floor Standing IP66 19" Data Racks

Stainless Steel Grade 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

SSD

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/EN 60529, IEC/EN 62208, EIA-310-D, RoHS, CE, UKCA

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 galvanized 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 1200 x 600 x 400
IP-SSD1206060	19"	24RU	24RU 1200 x 600 x 600
IP-SSD1206080	19"	24RU	24RU 1200 x 600 x 800
IP-SSD1606060	19"	32RU	32RU 1600 x 600 x 600
IP-SSD1606080	19"	32RU	32RU 1600 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 IP55 19" Data Racks

Steel | Powder Coated

SD-HD

SINGLE DOOR | IP55 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

SD-HD

IP Enclosures range of Heavy Duty IP55 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: IP55 IK10, NEMA 4

Standard: IEC/EN/AS60529

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.

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.



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	1670 x 600 x 800	Heavy Duty
IP-SD16712580	19" x 2 (Double Bay)	30RU	1670 x 1250 x 800	Heavy Duty
IP-SD1976080	19"	36RU	1970 x 600 x 800	Heavy Duty
IP-SD19712580	19" x 2 (Double Bay)	36RU	1970 x 1250 x 800	Heavy Duty

Accessories

19" Data Rack Accessories

19" 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

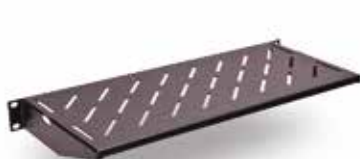
Depth: 200mm

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 EN60022 and DIN46277-3.

1RU 19" DIN Terminal Rail

Part Number: IP-SDDINPANEL1

1RU 19" Cover Panel

Part Number: IP-SDCOVER1

1RU 19" Cover Panel (Ventilated)

Part Number: IP-EMH1



Ventilated

2RU 19" DIN Terminal Rail

Part Number: IP-SDDINPANEL2

2RU 19" Cover Panel

Part Number: IP-SDCOVER2

2RU 19" Cover Panel (Ventilated)

Part Number: IP-EMH2



Ventilated

3RU 19" DIN Terminal Rail

Part Number: IP-SDDINPANEL3

3RU 19" Cover Panel

Part Number: IP-SDCOVER3

3RU 19" Cover Panel (Ventilated)

Part Number: IP-EMH3



Ventilated

3RU 19" Distribution Board

Part Number: IP-SDDP3

(Supplied with Cover Panel)



1RU 19" DIN Rail Shelf - Single

Part Number: IP-SDDINSHELF1-150

1RU 19" DIN Rail Shelf - Double

Part Number: IP-SDDINSHELF1-250



Features & Specifications

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

1RU 19" Cable Organiser

Part Number: IP-RNG1U19



2RU 19" Cable Organiser

Part Number: IP-RNG2U19



Mounted Infrastructure Field Cabinets

Steel | Powder Coated

FC

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

FC

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

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

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
Part Number/SKU	Part Number/SKU	U/RU H x W x D	Part Number/SKU
IP-453522	IP-453522-0	450H x 350W x 225D	IP-PMB45
IP-654532	IP-654532-0	650H x 450W x 325D	IP-PMB65
IP-706032	IP-706032-0	12RU x 600W x 325D	IP-PMB70

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

FCA

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



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 nuts are retained. 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. 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 Finish: UL approved AkzoNobel polyester powder coated with a smooth gloss finish, 80-120 micron average thickness, providing excellent exterior durability and colour retention.

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
Part Number/SKU	Part Number/SKU	U/RU H x W x D	Part Number/SKU
IP-A453522	IP-A453522-0	450H x 350W x 225D	IP-APMB45
IP-A654532	IP-A654532-0	650H x 450W x 325D	IP-APMB65
IP-A706032	IP-A706032-0	12RU x 600W x 325D	IP-APMB70

Infrastructure Field Cabinets

Steel | Powder Coated

FC

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



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



Features & Specifications

FC

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/EN 60529, IEC/EN 62208, EIA-310-D, RoHS, CE, UKCA

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

SINGLE BAY

Ventilated	Description	Optional Colours	
Part Number/SKU	U/RU H x W x D		
IP-1077562	18RU 1075H x 750W x 620D	-T33	-KK
IP-1077580	18RU 1075H x 750W x 800D	-T33	-KK
IP-1377562	24RU 1375H x 750W x 620D	-T33	-KK
IP-1377580	24RU 1375H x 750W x 800D	-T33	-KK
IP-13775100	24RU 1375H x 750W x 1000D	-T33	-KK
IP-1677562	30RU 1675H x 750W x 620D	-T33	-KK
IP-1677580	30RU 1675H x 750W x 800D	-T33	-KK
IP-16775100	30RU 1675H x 750W x 1000D	-T33	-KK
IP-1977562	36RU 1975H x 750W x 620D	-T33	-KK
IP-1977580	36RU 1975H x 750W x 800D	-T33	-KK
IP-19775100	36RU 1975H x 750W x 1000D	-T33	-KK
IP-2277562	42RU 2275H x 750W x 620D	-T33	-KK
IP-2277580	42RU 2275H x 750W x 800D	-T33	-KK

DOUBLE BAY

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



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.

FCA

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

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

Material:

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

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

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

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 RAL7035 Light Grey.



SINGLE BAY

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

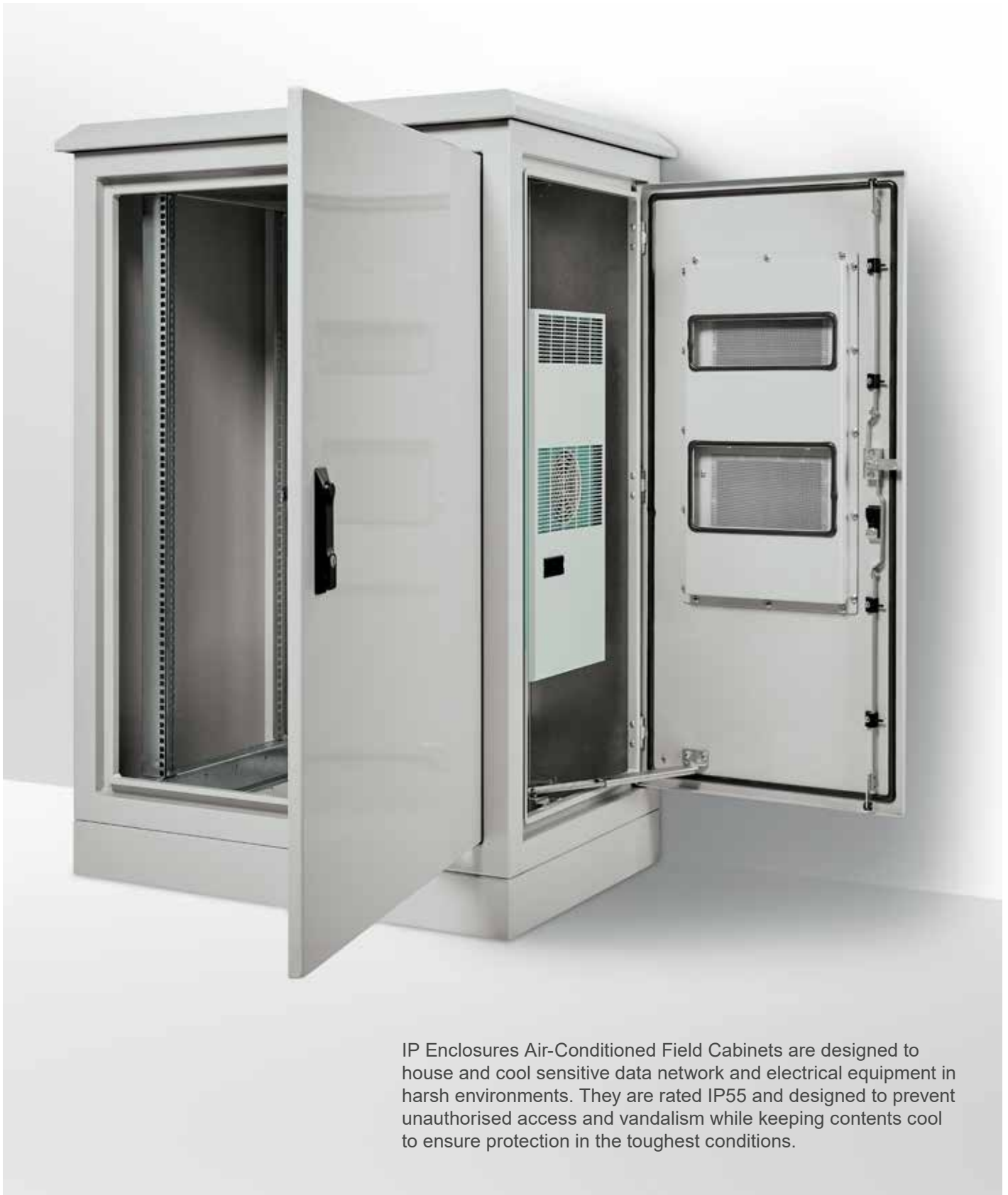
DOUBLE BAY

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

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

FC

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 (Inside main 19" rack compartment)

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



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 RAL7035 Light Grey.

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

SINGLE BAY

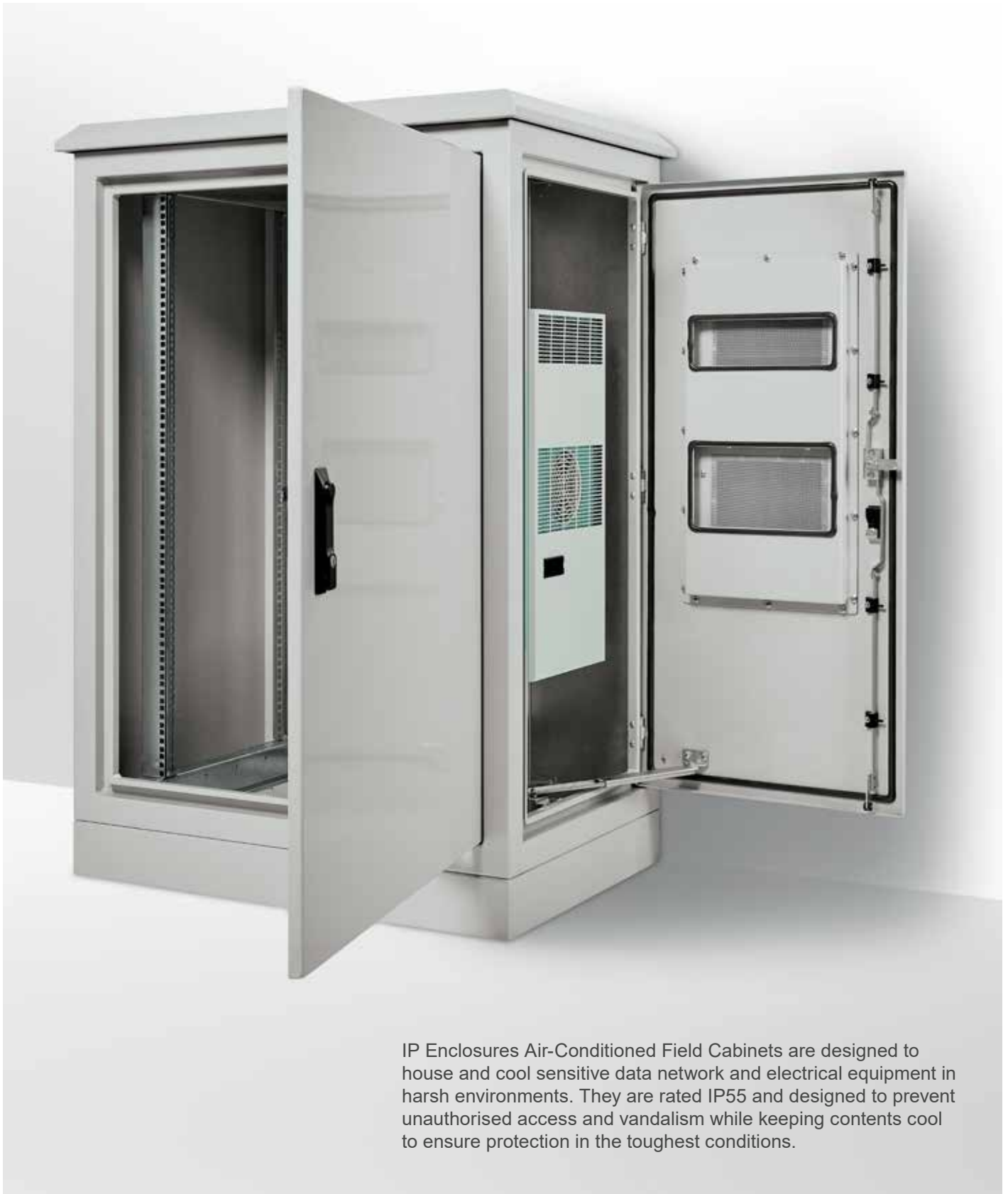
Ventilated	Description
Part Number/SKU	U/RU H x W x D
IP-1079062-ACO35	18RU IP55 Field Cabinet 1075H x 900W x 620D for 0.35kW Air Conditioner
IP-1379062-ACO85	24RU IP55 Field Cabinet 1375H x 900W x 620D for 0.85kW Air Conditioner
IP-1679080-AC145	30RU IP55 Field Cabinet 1675H x 900W x 800D for 1.45kW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



Air Conditioned Field Cabinets

Marine Grade Aluminium | Powder Coated

FCA



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

FCA

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 (Inside main 19" rack compartment)

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



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. -0880-120 micron average thickness. Colour RAL7035 Light Grey.

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

SINGLE BAY

Ventilated	Description
Part Number/SKU	U/RU H x W x D
IP-A1079062-ACO35	18RU IP55 Aluminium Field Cabinet 1075H x 900W x 620D for 0.35kW Air Conditioner
IP-A1379062-ACO85	24RU IP55 Aluminium Field Cabinet 1375H x 900W x 620D for 0.85kW Air Conditioner
IP-A1679080-AC145	30RU IP55 Aluminium Field Cabinet 1675H x 900W x 800D for 1.45kW Air Conditioner
IP-A1979080-AC145	36RU IP55 Aluminium Field Cabinet 1975H x 900W x 800D for 1.45kW Air Conditioner
IP-A2279080-AC200	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	Shelf Rating
IP-12RUDP	12RU Rack Mounted Device Mounting Plate
IP-18RUDP	18RU Rack Mounted Device Mounting Plate
IP-13762DP	Device Plate for 1375H x 620D Field Cabinet (Side Mount)
IP-16762DP	Device Plate for 1675H x 620D Field Cabinet (Side Mount)
IP-19762DP	Device Plate for 1975H x 620D Field Cabinet (Side Mount)
IP-FCPPA3	A4 Document Storage Pocket
IP-M6SCREW-CAGENUT	M6 Cage Nut & Screw (Pack of 50)



Accessories

Infrastructure Field Cabinets

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



Double Wall Aluminium Cabinets

Aluminium | Powder Coated

ALM



Double-Wall Aluminium Electrical Cabinets offer reliable protection from extreme heat and direct sunlight to protect critical infrastructure. The double-wall aluminium construction eliminates solar heat gain while providing passive heat dissipation through natural convection. The high-performance passive heat dissipation provides the best protection from heat in the harshest sun.

Features & Specifications

Reduce heat inside electrical cabinets by eliminating solar heat gain with **Double-Wall Aluminium Electrical Cabinets**. IP Enclosures and Almatec Switzerland have partnered together to serve customers in New Zealand with the highest quality **Double-Wall Aluminium Electrical Cabinets** in the world. Extreme weather and climate events including extreme heat are increasing in frequency and severity which often results in energy and communications equipment failures.

Protection: IP55 IK10; Shock, Transport & Vibration ETS EN 300-01; Seismic/Earthquake ETS EN 300-019-2-4

Standard: IEC/EN 60529, IEC/EN 62208, IEC/EN 61439, RoHS, REACH, WEEE

Material:

- Body: Double-Wall Aluminium
- Doors: Double-Wall Aluminium
- Seal: EPDM

Cabinet Frame and Panels: The Almatec double-wall construction is an innovative design to eliminate solar heat gain while providing passive heat dissipation through natural convection. The robust frame is constructed from torsion-free hollow aluminium profiles. The double-walled filler profiles provide reliable stability while the baseplate with cable feedthrough permanently protects the inside of the cabinet from ground moisture. The powder-coated aluminium construction provides protection against corrosion in harsh conditions including coastal saltwater environments. The double-walled construction also assists to reduce noise emissions. The cabinet is made in Switzerland to the highest standards.

Doors: The robust doors are fabricated using hollow aluminium profiles that eliminate solar heat gain while providing passive heat dissipation through natural convection. The doors are designed with semi-concealed hinges for 180° opening.

Seals: An Elastomer EPDM Synthetic Seal is inserted into the aluminium profile to provide a high quality full perimeter seal. The EPDM seal provides excellent resistance to chemicals, ozone and UV.

Locks: Each door is fitted with a 3-point bar lock and swivel lever handle.

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

Surface Treatment: Powder-coated RAL7035.

Accessories: A range of accessories are available including Device Mounting Plates and adjustable 19" Rack Mounting Kits.

Certificates:

IEC/EN 60529 Degrees of protection provided by enclosures: Certificate P50-10-0085

IEC/EN 62208 Empty Enclosures for low-voltage switchgear and controlgear assemblies: Certificate IK-2631

IEC/EN 61439, Low voltage switchgear and controlgear assemblies: Certificate IK-4028

ETS EN 300-019-2-4 (Seismic/Earthquake): Certificate (CoC Almatec) 16-12-09

ETS 300-01 (Transport & Vibration): Certificate P50-10-0034

Pole-Mounted Double-Wall Aluminium Cabinets

Part Number	Size	Device Mounting Plate	19" Rack Kit
SKU	HxWxD (mm)	SKU	SKU
ALM-ANK453535	450x350x350	ALM-ANK453535MP	-
ALM-ANK654535	650x450x350	ALM-ANK654535MP	-

Floor-Mounted Double-Wall Aluminium Cabinets

Part Number	Size	Device Mounting Plate	19" Rack Kit
SKU	HxWxD (mm)	SKU	SKU
ALM-ANK806045	800x600x450	ALM-ANK806045MP	ALM-ANK806045RK
ALM-ANK1006060	1000x600x600	ALM-ANK1006060MP	ALM-ANK1006060RK
ALM-ANK10010045	1000x1000x450	ALM-ANK10010045MP	ALM-ANK10010045RK
ALM-ANK10012060	1000x1200x600	ALM-ANK10012060MP	ALM-ANK10012060RK
ALM-ANK1208045	1200x800x450	ALM-ANK1208045MP	ALM-ANK1208045RK
ALM-ANK12015045	1200x1500x450	ALM-ANK12015045MP	ALM-ANK12015045RK
ALM-ANK12015060	1200x1500x600	ALM-ANK12015060MP	ALM-ANK12015060RK
ALM-ANK1608060	1600x800x600	ALM-ANK1608060MP	ALM-ANK1608060RK
ALM-ANK16015080	1600x1500x800	ALM-ANK16015080MP	ALM-ANK16015080RK
ALM-ANK1808080	1800x800x800	ALM-ANK1808080MP	ALM-ANK1808080RK
ALM-ANK2007070	2000x700x700	ALM-ANK2007070MP	ALM-ANK2007070RK
ALM-ANK20013070	2000x1300x700	ALM-ANK20013070MP	ALM-ANK20013070RK

Floor-Mounted Double-Wall Aluminium Cabinets (Modular Bayed Cabinets)

Part Number	Size	Device Mounting Plate	19" Rack Kit
SKU	HxWxD (mm)	SKU	SKU
ALM-ANK220150180-KIT	2200x1500x1800	-	-
ALM-ANK220300180-KIT	2200x3000x1800	-	-
ALM-ANK220450180-KIT	2200x4500x1800	-	-
ALM-ANK220600180-KIT	2200x6000x1800	-	-

ALM





Protection in the toughest conditions™

IP69K Hygienic Electrical Enclosures

Food Beverage & Pharmaceutical

IP69K Hygienic Electrical Enclosures

Stainless Steel Grade 304

H

SLOPING ROOF | SINGLE DOOR | HYGIENIC FOOD GRADE | IP69



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, EN62208, EN/AS60529, ISO20653, UL508A EHEDG RoHS Compliant



Material:

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

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

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

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

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

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

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

Accessories: Hygienic Spacer Bracket Kit. SKU: IP-HSB-KIT (Set of 4)



Part Number	Enclosure Size	Overall Height	Device Plate	Locks	Mass
SKU	H x W x D (mm)	H2 (mm)	H x W (mm)	Qty	Kg
IP-H302015	300 x 200 x 150	388	245 x 145	1	7.5
IP-H453821	450 x 380 x 210	570	395 x 325	2	12.5
IP-H456030	450 x 600 x 300	622	395 x 545	2	25
IP-H453830	450 x 380 x 300	622	395 x 325	1	18
IP-H603821	600 x 380 x 210	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	722	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-H1808041*	1800 x 802 x 410	2023	1715 x 489	3 Point	88
IP-H1808051*	1800 x 802 x 510	2082	1715 x 689	3 Point	114

H



IP69K Pushbutton Enclosures

IP66 | IP 69K

HPB



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

Features & Specifications

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, CE, UKCA



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.

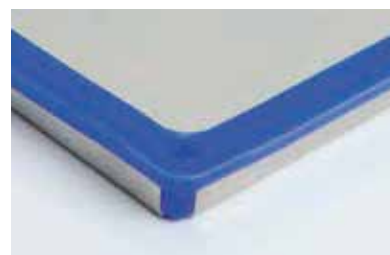
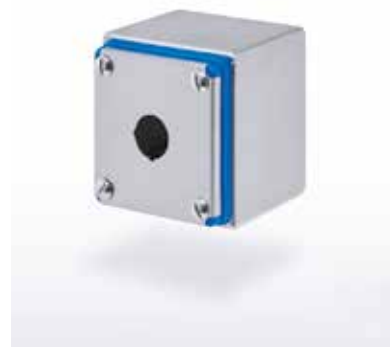
Cover: The cover is fabricated using 1.0mm Grade 304 Stainless Steel and includes a clip-in silicone seal.

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

Accessories: 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

HPB



IP69K Terminal Boxes

Stainless Steel

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

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.

Standard: EN/AS60529, ISO20653, UL508A, RoHS, CE, UKCA, IEC60079



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.

Surface Finish: 0.2 microns

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 200 x 100	85	2.12

HTB



IP66-IP67 Pushbutton Enclosures

Stainless Steel Grade 316

SSP

IP66, IP67 | 22.5MM HOLE



Features & Specifications

SSP

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, configurations.

Protection: IP66, IP67, NEMA 4x.

Standard: IEC/EN/AS60529, RoHS, CE, UKCA NEMA 4x



Material:

- Body: 1.0mm Grade 316L Stainless Steel.
- Lid/Door: 1.0mm Grade 316L Stainless Steel
- Seal: Silicone
- Washers: NBR 70 (Nitrile Butadiene Rubber)

Body: The robust monoblock body is fabricated using 1.0 mm stainless steel. The flat roof option includes encapsulated mounting nutserts for concealed mounting.

Lid/Door: The robust pre-drilled lid/door is fabricated using 1.00mm stainless steel and is fastened using screws. The screws are provided with NBR 70 (Nitrile Butadiene Rubber) washers for use in harsh environments where hydrocarbons are present.

Hole Diameter: Ø 22.5mm

Seal: High quality Silicone seal.

Surface Roughness: 0.4 micron Ra surface brushed finish



FLAT ROOF

Part Number	Size	Description
Grade 316L	H x W x D	Hole & Columns
IP-SSP1	90 x 90 x 90	1 Hole 316SS Pushbutton Enclosure
IP-SSP2	140 x 90 x 90	2 Hole 316SS Pushbutton Enclosure
IP-SSP3	140 x 90 x 90	3 Hole 316SS Pushbutton Enclosure
IP-SSP4	280 x 90 x 90	4 Hole 316SS Pushbutton Enclosure



IP66-IP67 Terminal Boxes

Stainless Steel Grade 316

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, IECEx Ex eb IIC Gb, Ex tb IIIC Db

Standard: UL508A, IEC60079



Material:

- Body: 1.0mm & 316L Stainless Steel.
- Lid/Door: 1.0mm Grade 316L Stainless Steel
- Seal: Silicone
- Washers: NBR 70 (Nitrile Butadiene Rubber)

Body: The robust body is fabricated using 1.0mm & 316L Stainless Steel. Flat face sealing surfaces are provided to increase seal life.

Lid/Door: The robust pre-drilled lid/door is fabricated using 1.00mm. Grade 304 Stainless Steel and is fastened using screws. The screws are provided with NBR 70 (Nitrile Butadiene Rubber) washers for use in harsh environments where hydrocarbons are present.

Seal: High quality Silicone seal.

Accessories: Wall Mounting Brackets. SKU: IP-SST-FMB & IP-SST-RMB

Surface Finish: 0.2 micron Ra surface brushed finish

Internal Plate: The inner plate is fabricated using 2.5mm sheet steel, supplied pre-fitted into the terminal box as standard.

Part Number	Size
SKU	H x W x D
IP-SST101010	100 x 100 x 100
IP-SST161010	160 x 100 x 100
IP-SST161610	160 x 160 x 100
IP-SST251610	250 x 160 x 100
IP-SST202010	200 x 200 x 100
IP-SST402012	400 x 200 x 120
IP-SST403012	400 x 300 x 120
IP-SST404012	400 x 400 x 120



Thermal Control - Cooling

Air Conditioners

AC

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 New Zealand.

350W Wall Mounted Air Conditioner		INDOOR	OUTDOOR
Part Number	SKU	IP-ACIWM035.003	IP-ACOWM035.003
Power supply	V/Hz	230V 1ph/50-60	
Dimensions HxWxD	mm	430x280x170	
Cooling capacity A35A35	W	350/370	
Cooling capacity A35A50	W	200/220	
Rated current	A	1.5/1.6	
Delayed fuse	A	4	
Absorbed electric power A35A35	W	290/320	
Absorbed electric power A35A50	W	320/350	
850W Wall Mounted Air Conditioner		INDOOR	OUTDOOR
Part Number	SKU	IP-ACIWM085.003	IP-ACOWM085.003
Power supply	V/Hz	230V 1ph/50-60	
Dimensions HxWxD	mm	635x305x210	
Cooling capacity A35A35	W	850/900	
Cooling capacity A35A50	W	625/650	
Rated current	A	2.65/2.75	
Delayed fuse	A	6	
Absorbed electric power A35A35	W	490/530	
Absorbed electric power A35A50	W	600/640	
1450W Wall Mounted Air Conditioner		INDOOR	OUTDOOR
Part Number	SKU	IP-ACIWM145.003	IP-ACOWM145.003
Power supply	V/Hz	230V 1ph/50-60	
Dimensions HxWxD	mm	800x400x240	
Cooling capacity A35A35	W	1450/1500	
Cooling capacity A35A50	W	1150/1200	
Rated current	A	3.7/4.2	
Delayed fuse	A	10	
Absorbed electric power A35A35	W	660/700	
Absorbed electric power A35A50	W	800/860	
2000W Wall Mounted Air Conditioner		INDOOR	OUTDOOR
Part Number	SKU	IP-ACIWM200.003	IP-ACOWM200.003
Power supply	V/Hz	230V 1ph/50-60	
Dimensions HxWxD	mm	1000x400x240	
Cooling capacity A35A35	W	2000/2100	
Cooling capacity A35A50	W	1450/1500	
Rated 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-ACIWM300.433	IP-ACOWM300.433
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	
Rated 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-ACIWM400.433	IP-ACOWM400.433
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	
Rated 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

IP-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 New Zealand

350W Wall Mounted Air Conditioner		INDOOR	OUTDOOR
Part Number	SKU	IP-ACIWM035.003.0X	IP-ACOWM035.003.0X
Power supply	V/Hz	230V 1ph/50-60	
Dimensions HxWxD	mm	430x280x170	
Cooling capacity A35A35	W	350/370	
Cooling capacity A35A50	W	200/220	
Rated current	A	1.5/1.6	
Delayed fuse	A	4	
Absorbed electric power A35A35	W	290/320	
Absorbed electric power A35A50	W	320/350	
850W Wall Mounted Air Conditioner		INDOOR	OUTDOOR
Part Number	SKU	IP-ACIWM085.003.0X	IP-ACOWM085.003.0X
Power supply	V/Hz	230V 1ph/50-60	
Dimensions HxWxD	mm	635x305x210	
Cooling capacity A35A35	W	850/900	
Cooling capacity A35A50	W	625/650	
Rated current	A	2.65/2.75	
Delayed fuse	A	6	
Absorbed electric power A35A35	W	490/530	
Absorbed electric power A35A50	W	600/640	
1450W Wall Mounted Air Conditioner		INDOOR	OUTDOOR
Part Number	SKU	IP-ACIWM145.003.0X	IP-ACOWM145.003.0X
Power supply	V/Hz	230V 1ph/50-60	
Dimensions HxWxD	mm	800x400x200	
Cooling capacity A35A35	W	1450/1500	
Cooling capacity A35A50	W	1150/1200	
Rated current	A	3.7/4.2	
Delayed fuse	A	10	
Absorbed electric power A35A35	W	660/700	
Absorbed electric power A35A50	W	800/860	
2000W Wall Mounted Air Conditioner		INDOOR	OUTDOOR
Part Number	SKU	IP-ACIWM200.003.0X	IP-ACOWM200.003.0X
Power supply	V/Hz	230V 1ph/50-60	
Dimensions HxWxD	mm	1000x400x240	
Cooling capacity A35A35	W	2000/2100	
Cooling capacity A35A50	W	1450/1500	
Rated 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-ACIWM300.433.0X	IP-ACOWM300.433.0X
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	
Rated 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-ACIWM400.433.0X	IP-ACOWM400.433.0X
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	
Rated 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

Filter Vents & Fans

IP-V

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-V

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 colour 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 colour 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 1: Insert Filter



Step 2: 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 Class	-	IP54	IP54 / Class I			
Protection degree 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 I 50-60	115 / 50-60	24DC	48DC
Dimensions HxWxD	mm	204x204x37	204x204x104			
Power consumption	W	-	22 (21)		9	13
Current consumption	A	-	0.14 (0.12)	0.26 (0.24)	0.37	0.27
Overcurrent protection	-	-	impedance			
Electrical connection	-	-	3-poles spring terminals*		2-poles spring terminals*	
Duty cycle	-	-	100%			
Operating temperature	°C (°F)	-10 / +70 (+14/+158)				
Protection degree Class	-	IP54	IP54 / Class I			
Protection degree 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-V4000*	IP-V4200	IP-V4201	IP-V4224	IP-V4248
Air flow rate (free blow)	m3/h	-	125 (135)		125	
Air flow rate with exit filter	m3/h	-	102(112)		102	
Power supply	V/Hz	-	230 50-60	115 / 50-60	24DC	48DC
Dimensions HxWxD	mm	250x250x38	250x250x107			
Power consumption	W	-	22 (21)		9	13
Current consumption	A	-	0.14 (0.12)	0.26 (0.24)	0.37	0.27
Overcurrent protection	-	-	impedance			
Electrical connection	-	-	3-poles spring terminals*		2-poles spring terminals*	
Duty cycle	-	-	100%			
Operating temperature	°C (°F)	-10 / +70 (+14/+158)				
Protection degree 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 I 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 I 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

Roof Vents & Roof Fans

RV/RFV

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



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

Features & Specifications

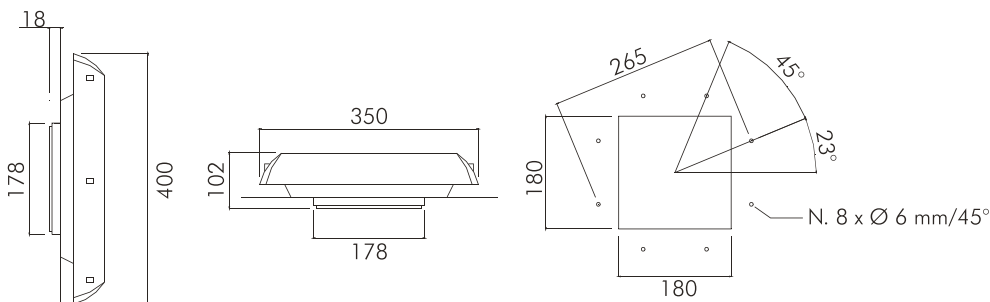
RV/RFV

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	800m3 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					

Accessories

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.

Vent Hoods

STEEL

STAINLESS STEEL

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



Hinged Vent Hoods (For use with Filters Fans / Vents)

STEEL

STAINLESS STEEL

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



Sun Shields

STEEL

STAINLESS STEEL

Part Number	Size	Part Number	Size
Standard	H x W x D (mm)	Standard	H x W x D (mm)
IP-SUN504020	500 x 400 x 200	IP-SUNSS504020	500 x 400 x 200
IP-SUN606030	600 x 600 x 300	IP-SUNSS606030	600 x 600 x 300
IP-SUN806030	800 x 600 x 300	IP-SUNSS806030	800 x 600 x 300



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

Feature	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 mm²			
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 c  us			
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

Feature	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 mm²				
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  us				
VERSIONS						
with integrated fixed thermostat NC 5 °C		IP-TSH125.001	IP-TSH160.001	IP-TSH175.001	IP-TSH190.001	IP-TSH215.001



Fan Assisted | 250W to 750W

Feature	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 mm²							
Protection class	-	Class I, earthed							
Protection degree	-	IP20							
EN60529	-								
Operating temperature	°C (°F)	-25/+70 (-13/+158)							
Storage temperature	°C (°F)	-45/+80 (-49/+176)							
Air flow rate	m³/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  us							



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

Feature	Unit	IP-TMX150	IP-TMX250	IP-TMX300	IP-TMX400
Heating Capacity	W	150	250	300	400
Power Supply	V/Hz	230/50-60	230/50-60	115/50-60	115/50-60
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 c  us			



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

Feature	Unit	IP-THNC1	IP-THNC2	IP-THNC3	IP-THNO1	IP-THNO2	IP-THNO3
Contact function	-	NC	NC	NC	NO	NO	NO
Temperature setting range	°C	-10/+50	0/+60	+20/+80	-10/+50	0/+60	+20/+80
Precision	°C	±4					
Hysteresis	°C	7					
Max switching current	-						
250Vac resistive load (inductive load)	A	10 (1.6)					
125Vac resistive load (inductive load)	A	15 (2.5)					
Max. switching power in Vdc	W	30					
Temperature sensor type	-	Thermostatic bimetal					
Contact type	-	Snap action					
Contact resistance	mOhm	< 10					
Service life	cycles	> 100 000					
Electrical connections	-	2-pole terminal for 2.5 mm² wire					
Casing	-	PA6, UL94 V0 self-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 [®] File n. E348803					
Dimensions HxWxD	mm	61x34x35					



Double Thermostats | NC/NO

Feature	Unit	IP-THNC1	IP-THNC3	IP-THNO2
Contact function	-	NC	NC	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 mm² 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 [®] File n. E348803		
Dimensions HxWxD	mm	61x53x35		



Mechanical Hygrostat

Feature	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)

Feature	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 mm² wire
Optical signal	-	LED
Casing	-	PA6, UL94 V0 self-extinguishing, light grey RAL 7035
Protection degree EN60529	-	IP20



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; cascable)
- 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					

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-L052 - 316 Stainless Steel



T Handle Keyed (Keyed Alike)

IP-L048 - Cast Alloy Chrome
IP-L053 - 316 Stainless Steel



L Handle

IP-L054 - Cast Alloy Chrome
IP-L056 - 316 Stainless Steel



L Handle Keyed (Keyed Alike)

IP-L057 - Cast Alloy Chrome
IP-L063 - 316 Stainless Steel

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

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*

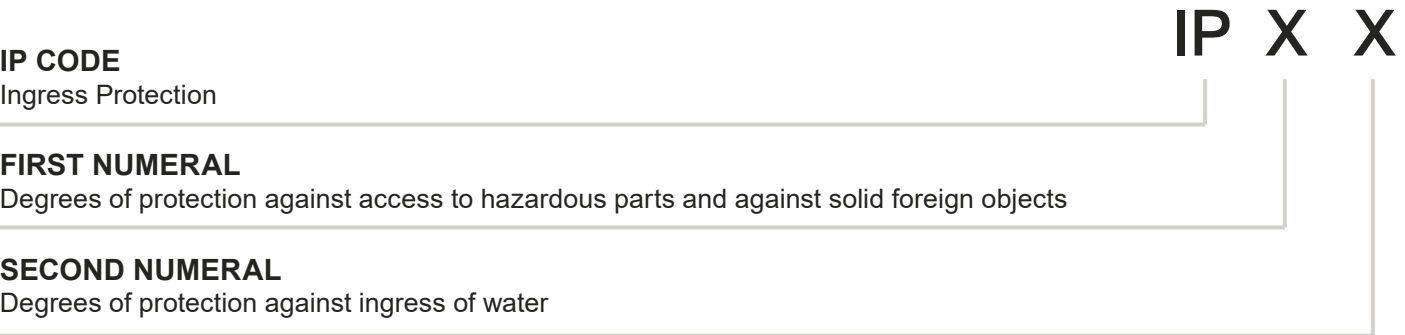
IP-L039 - 316 Stainless Steel

Note: Items marked * are also suitable for 4 point

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	SECOND NUMERAL - Protection against water
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)	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)

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.





Protection in the toughest conditions™

2026

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