



PRODUCT BROCHURE

Protection in the toughest conditions $\mbox{^{TM}}$

Electrical Enclosures Solutions

Steel | Stainless Steel | Aluminium | GRP





Electrical Enclosures

Wall mounted - Single door and double door

- IP66, IP55 IK10
- 1 5mm Galvanised Steel Sheet
- UL approved AkzoNobel powder coating
- 300x200x150mm 2000x1000x400mm
- IEC/EN 60529, IEC/EN 62208, IEC/EN 61439, UL. RoHS, CE, UKCA
- Full range of accessories available





Stainless Steel Enclosures

Wall mounted - Single door and double door

- IP66. IP55 IK10
- 1.5mm Grade 316L Stainless Steel (Optional 304)
- 300x200x150mm 2000x1000x400mm
- IEC/EN 60529, IEC/EN 62208, IEC/EN 61439, UL. RoHS. CE. UKCA
- Full range of accessories available





Aluminium Electrical Enclosures

Wall mounted - Single door and double door

- IP66, IP55 IK10
- 1.5mm Marine Grade Aluminium
- 300x200x150mm 2000x1000x400mm
- IEC/EN 60529, IEC/EN 62208, IEC/EN 61439, UL, RoHS, CE, UKCA
- Full range of accessories available



IP66 IK10

GRP Electrical Enclosures

Wall mounted - Standard door and window door

- IP66, IP65 IK10
- Glass-Fibre Reinforced Polyester (GRP)
- 306x284x115mm 1004x850x323mm
- IEC62208, IEC/EN/AS60529

• Full range of accessories available





Electrical Cabinets Floor standing - Single and double door

- IP55 IK10
- Galvanised Steel
- UL approved AkzoNobel powder coating
- 1620x400x400mm 2020x1200x800mm
- IEC/EN 60529, IEC/EN 62208, IEC/EN 61439, RoHS, CE, UKCA
- Full range of accessories available



IP55 IK10

Stainless Steel Electrical Cabinets

Floor standing - Single and double door

- IP55 IK10
- Grade 316L Stainless Steel
- 1620x400x400mm 2020x1200x800mm
- IEC/EN 60529, IEC/EN 62208, IEC/EN 61439, RoHS, CE, UKCA
- Full range of accessories available

Rack Cabinet Solutions

Weatherproof 19" Racks Cabinets and Accessories





19" Racks

Wall mounted - 19" rack cabinets

- 1.5mm Galvanised Steel Sheet
- UL approved AkzoNobel powder coating
- RAL 9005 Black option
- 4RU, 6RU, 9RU, 12RU, 15RU, 21RU
- IEC/EN 60529, IEC/EN 62208, EIA-310-D, RoHS, CE, UKCA
- Full range of accessories available





19" Racks

Floor standing - 19" rack cabinets

- 1.5mm Galvanised Steel Sheet
- UL approved AkzoNobel powder coating
- 12RU, 16RU, 24RU, 30RU, 32RU, 36RU,
- IEC/EN 60529, IEC/EN 62208, EIA-310-D, RoHS, CE, UKCA
- Includes a Rear Door



IP66 IK10

Stainless Steel 19" Racks

Wall mounted - 19" rack cabinets

- 1.5mm Grade 316/316L Stainless Steel
- 0.4 micron Ra surface brushed finish
- 4RU, 6RU, 9RU, 12RU
- IEC/EN 60529, IEC/EN 62208, EIA-310-D, RoHS, CE, UKCA



IP66 IK10

Stainless Steel 19" Racks

Floor standing - 19" rack cabinets

- IP66 IK10
- 1.5mm Grade 316/316L Stainless Steel
- 0.4 micron Ra surface brushed finish
- 12RU 42RU
- IEC/EN 60529, IEC/EN 62208, EIA-310-D, RoHS, CE, UKCA



IP66 IK10

Marine Grade Aluminium 19" Racks

Wall mounted - 19" rack cabinets

- IP66 IK10
- 1.5mm Marine Grade Aluminium
- RAL 9005 Black option
- 4RU, 6RU, 9RU, 12RU, 15RU
- IEC/EN 60529, IEC/EN 62208, EIA-310-D, RoHS, CE, UKCA



19" Rack-Mounted Accessories

Compatible with IP Enclosures 19" racks

- 19" Rack mounted fixed and sliding shelf options
- EIA-310-D, RoHS, CE, UKCA
- UL approved AkzoNobel powder coating
- 1RUx200mm 3RUx600mm
- RAL9005 Black
- Fixed and sliding options
- 19" Rack Mounted Enclosure Bracket
- 19" Rack Mounted Shelf

Infrastructure Field Cabinet Solutions

Field Enclosures, Field Cabinets & Double Wall Aluminium Cabinets



IP66 IP55 IK10

Field Enclosures

Wall mounted - non-ventilated and ventilated options

- IP66 IK10 (Non-Ventilated), IP55 IK10 (Ventilated)
- 1.5mm & 2.0mm Galvanised Steel Sheet
- 450x350x225mm 12RUx600x325mm
- IEC/EN 60529, IEC/EN 62208, RoHS, CE, UKCA
- UL approved AkzoNobel polyester powder coated with a smooth gloss finish
- Full range of accessories available



IP66 IP55 IK10

Field Cabinets

Freestanding - Single and double bay options

- IP66 IK10 (Non-Ventilated), IP55 IK10 (Ventilated)
- 2.0mm Galvanised Steel Sheet
- 18RU 42RU (Single Bay), 36RU 60RU (Double Bay)
- IEC/EN 60529, IEC/EN 62208, EIA-310-D, RoHS, CE, UKCA
- UL approved AkzoNobel polyester powder coated with a smooth gloss finish
- · Full range of accessories available



IP66 IP55 IK10

Aluminium Field Enclosures

Wall mounted - Non-ventilated and ventilated options

- IP66 IK10 (Non-Ventilated), IP55 IK10 (Ventilated)
- 2.5mm Marine Grade Aluminium
- 450x350x225mm 12RUx600x325mm
- IEC/EN 60529, IEC/EN 62208, RoHS, CE, UKCA
- UL approved AkzoNobel polyester powder coated with a smooth gloss finish
- Full range of accessories available
- 19" Data Rack Rails (12RU only)



IP66 IK10

Aluminium Field Cabinets

Freestanding - Single and double bay options

- IP66 IK10 (Non-Ventilated), IP55 IK10 (Ventilated)
- 2.5mm Marine Grade Aluminium
- 18RU 42RU (Single Bay), 36RU 60RU (Double Bay)
- IEC/EN 60529, IEC/EN 62208, EIA-310-D, RoHS, CE, UKCA
- UL approved AkzoNobel polyester powder coated with a smooth gloss finish
- Full range of accessories available



IP55 IK10

Airconditioned Field Cabinets

Freestanding - Single and double bay options | Steel and aluminium

- IP55 IK10
- 2.0mm Galvanised Steel / 2.5mm Marine Grade Aluminium
- 18RU 42RU
- IEC/EN 60529, IEC/EN 62208, EIA-310-D, RoHS, AS/NZS 60335.2.40:2019, AS/NZS 60335.1:2020, CE, UKCA, SAA203165
- UL approved AkzoNobel polyester powder coated with a smooth gloss finish
- Full range of accessories available



IP55 IK10

Almatec Double-Wall **Aluminium Cabinets**

Freestanding & Pole-Mounted -Modular bayed options available

- IP55 IK10, Seismic/Earthquake Rated ETS EN 300-019-2-4
- Passive heat dissipation
- Double-Wall Aluminium Construction
- 450x350x350mm 2200x6000x1800mm
- IEC/EN 60529, IEC/EN 62208, IEC/EN 61439, RoHS, REACH, WEEE
- Powder-coated RAL7035
- · Full range of accessories available

Up to IP69K Solutions

Enclosures, Pushbutton Enclosures & Terminal Boxes









IP69K Hygienic **Electrical Enclosures**

Wall Mounted with Hygienic Spacer **Bracket Kit**

- IP66, IP69K & IECEx
- 1.5mm Grade 304 Stainless Steel Construction
- FDA-Compliant Blue Silicone Seal
- IP69K Stainless Steel Hygiene Lock
- DGUV EN1672-2, EN62208, EN/AS60529, ISO20653, UL508A, EHEDG, RoHS, CE, UKCA, IEC60079
- 300x200x150mm 1800x802x510mm
- Supplied with Device Mounting Plate





IP69K Pushbutton Enclosures

For High-Cleanliness Industrial **Control Applications**

- IP66, IP69K & Nema Rated Protection
- 1.0mm Grade 304 Stainless Steel Construction
- FDA-Compliant Blue Silicone Seal
- IP66 IK08, IP69K Type 1, 12, 4, 4x.
- EN/AS60529, ISO20653, UL508A, RoHS, CE, UKCA
- Hygienic Wall Mounting Brackets Available



IP69K IP66

IP69K Terminal Boxes

Designed for High-Cleanliness Applications

- IP66, IP69K & IECEx Certified
- . 1.0mm to 1.2mm Grade 304 Stainless
- FDA-Compliant Blue Silicone Seal
- IP66 IK08, IP69K, Nema Type 1, 12, 4, 4x, IECEx
- EN/AS60529, ISO20653, UL508A, RoHS, CE, UKCA, IEC60079
- 100x100x100mm 250x160x100mm
- Hygienic Wall Mounting Brackets Available







Stainless Steel **Terminal Boxes**

Wall Mounted - 304/316L Stainless Steel

- IP66, IP67, NEMA 4x, IECEx Ex eb IIC Gb, Ex tb IIIC Db
- 1.0mm. Stainless Steel (304 and 316L available)
- UL508A, IEC60079
- · High Quality Silicone Seal
- 90x90x90mm 400x400x120mm
- Supplied with Device Mounting Plate



IP67 IP66

Stainless Steel **Pushbutton Enclosures**

Wall Mounted - 304/316L Stainless Steel

- IP66, IP67, NEMA 4x
- 1.0mm Stainless Steel (304 and 316L available)
- IEC/EN/AS60529, RoHS, CE, UKCA NEMA 4x
- · High Quality Silicone Seal
- 1-8 Hole
- Hygienic Wall Mounting Brackets Available

Climate Control Solutions

Thermal Management of Electrical Enclosures & 19" Racks





Fans & Filters for **Electrical Enclosures**

Optimised Ventilation for Heat Dissipation

- IP54 & IP55 Protection
- Standard & UV-Protected Outdoor Models
- High-Efficiency G3-G4 Filter Options
- Airflow Ranges from 25 m³/h to 1000 m³/h
- Roof, Side & Louvre Ventilation Solutions
- Easy Maintenance with Front-Opening





Heat Exchangers for Electrical Enclosures

Efficient Closed-Loop Cooling for Clean Environments

- IP54 & IP55 Protection
- Aluminium Heat Exchanger Core
- 16-85 W/K Cooling Capacity
- Internal or External Installation
- Reduces Contaminant Ingress in Dusty/ Oily Environments



IP55 IP54

Air Conditioners for **Electrical Enclosures**

Wall & Roof-Mounted Cooling **Solutions**

- IP54 Indoor & IP55 Outdoor Models
- 350W to 4000W Cooling Capacities
- High-Efficiency, Low-Maintenance Design
- Wall-Mounted & Roof-Mounted Options
- Digital Thermostat (Adjustable 20°C 45°C)
- Supports GWP Reduction & Energy Efficiency



Anti-Condensation Heaters for Electrical Enclosures

Prevents Moisture & Protects Sensitive Components

- 25 Watt to 1500 Watt Heating Capacity
- · Compact, Touch Shield & Fan-Assisted Models
- Thermostat & Hygrostat Control Options
- Optimal Placement for Efficient Heat Distribution
- Small Footprint Heaters Available for Tight Spaces



IP20

Thermal Controllers for Electrical Enclosures

Optimised Climate Control for Reliable Performance

- IP20 Protection
- Thermostats for Heaters & Fans (NC & NO)
- Hygrostats for Humidity Regulation (10-90% RH)
- Digital Electronic Temperature Controllers
- Fan Speed Controllers for Noise & Energy Optimisation
- DIN Rail Mounting for Easy Installation



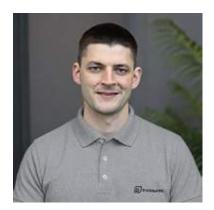
IP56 IP55

Vent Hoods

Protection for Enclosure Ventilation Systems

- IP55 & IP56 Protection
- Powder-Coated Steel & 316 Stainless Steel Options
- Pre-Fitted Ventilation Systems Available
- Inclined Design to Prevent Liquid & Debris
- · Easy Installation with Nutserts & Gaskets
- Supplied with Fasteners

Meet the Team



Cameron Francis
Director



Natasha Babic Major Projects Team Leader



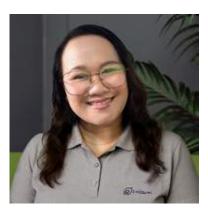
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Sales & Technical Support

Contact IP Enclosures UK for distribution, product selection assistance, technical support, availability, quotes, and ordering.



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