



# PRODUCT BROCHURE

Protection in the toughest conditions™

# Electrical Enclosures Solutions

Steel | Stainless Steel | Aluminium | Polycarbonate



IP66 IP55 IK10

## 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



IP66 IP55 IK10

## 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



IP66 IK10

## FIBOX Non-metallic Enclosures

**Wall mounted - Standard door and transparent door**

- IP66 IK10 (IP65 IK08 Transparent Door)
- High Performance Polycarbonate
- 200x300x150mm – 800x600x300mm
- IEC/EN 62208, IEC/EN 61439-1, IEC/EN 61439-4, UL508A
- Full range of accessories available



IP66 IK10

## 316ss Sloped Roof

**Wall mounted - Single door**

- IP66 IK10
- 1.5mm Grade 316L Stainless Steel
- 300x200x150mm – 1000x800x300mm
- IEC/EN 60529, IEC/EN 62208, IEC/EN 61439, UL, RoHS, CE, UKCA
- Full range of accessories available



IP55 IK10

## 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



IP66 IK10

### 19" Racks

#### Wall mounted – 19" rack enclosures

- IP66 IK10
- 1.5mm Galvanised Steel Sheet
- UL approved AkzoNobel powder coating
- RAL 9005 Black option
- 4RU, 6RU, 9RU, 12RU, 15RU
- IEC/EN 60529, IEC/EN 62208, EIA-310-D, RoHS, CE, UKCA
- Full range of accessories available



IP66 IK10

### 19" Racks

#### Floor standing – 19" rack cabinets

- IP66 IK10
- 1.5mm galvanised steel sheet
- UL approved AkzoNobel powder coating
- 16RU, 24RU, 30RU, 32RU, 36RU, 42RU
- IEC/EN 60529, IEC/EN 62208, EIA-310-D, RoHS, CE, UKCA



IP66 IK10

### Stainless Steel 19" Racks

#### Wall mounted – 19" rack enclosures

- IP66 IK10
- 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



### 19" Rack Shelves & Drawers

#### Compatible with IP Enclosures 19" racks

- 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



### 19" Rack-Mounted DIN Rail Accessories

#### Compatible with IP Enclosures 19" racks

- 19" DIN Terminal Rail, 19" Cover Panel (Ventilated & Non-ventilated)
- 3RU Distribution Board
- 1RU Single & Double DIN Rail Shelf – Single DIN Rail
- 1RU, 4RU, 6RU & 8RU Rack Mounted DIN Rail Housing
- Compatible with 19" racks EIA-310-D, RoHS

# 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 Enclosure

#### 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** **IP66** 

### 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
- DGVV EN1672-2, EN62208, EN/AS60529, ISO20653, UL508A, EHEDG, RoHS, CE, UKCA, IEC60079
- 300x200x150mm – 1800x802x510mm
- Supplied with Device Mounting Plate



**IP69K** **IP66**

### 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
- 1–4 Hole
- 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 Steel
- 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



**IP67** **IP66**

### 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



IP55 IP54

### 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 Grill



IP55 IP54

### 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

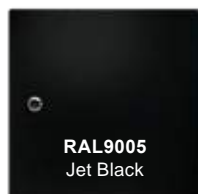
### Vent Hoods

#### 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 Build-Up
- Easy Installation with Nutserts & Gaskets
- Supplied with Fasteners

## Colour Options

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.



## Enclosure Solution Partners

High-performance  
Polycarbonate  
Enclosures

**FIBOX**  
Enclosing innovations



Double Wall  
Aluminium  
Cabinets



Multi-membrane  
Cable Entry  
Systems

**icotek**  
smart cable management



Tower Light  
Signaling  
Devices



IP Enclosures has partnered with leading global brands to provide an expanded range of high quality electrical enclosure solutions. FIBOX, ALMATEC, ICOTEK, and AUER SIGNAL products are available in Australia via IP Enclosures Distribution Partners.



# Sales & Technical Support

Contact your local State Distributor/Stockist for assistance with product selection, technical support, availability, quotes and ordering.



## TROPAC

Bells Creek, Sunshine Coast QLD  
Auburn, Sydney NSW  
Epping, Melbourne VIC  
Phone: 1300 876 722



## Quador

Nunawading, Melbourne VIC  
Phone: 03 9874 7388



## Power Control Products

Canning Vale, Perth WA  
Phone: 08 9256 2133



## Tradezone

Helensvale, Gold Coast QLD  
Brendale, QLD  
Huntingwood East, Sydney NSW  
Scoresby, Melbourne VIC  
Parafield, Adelaide SA  
Canning Vale, Perth WA  
Phone: 1800 092 778

IP Enclosures are also available from local Australia-wide wholesalers including: Lawrence & Hanson, Rexel, Blackwoods, Tradezone, Metal Manufacturers Electrical Merchandising, AWM, D&W, Haymans, TLE and Cetnaj.

Protection in the toughest conditions™



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