

FIBOX ARCA Electrical Enclosure

ARCA-303021T

POLYCARBONATE | TRANSPARENT DOOR | IP66 IK09

300H x 300W x 210D

The IP Enclosures, in partnership with FIBOX, offers a new premium non-metallic enclosure range, the ARCA-T series. Manufactured in Finland from high-performance polycarbonate, it features a smoked transparent door for safe, continuous greater visibility. The range delivers high impact strength, total corrosion resistance, chemical resistance and UV stability. It is fully compatible with the ARCA Standard range and provides enhanced safety and efficient performance for applications requiring continuous monitoring in energy, infrastructure, waste/water management and industrial automation sectors.

EAN: 6418074317933

ETIM: EC000261

Protection: IP66 IK09

Standards (& Conformities): IEC/EN 62208, IEC/EN 61439-1, IEC/EN 61439-4, UL508A

Material:

- Body: Polycarbonate
- Door: Polycarbonate
- Seal: Polyurethane

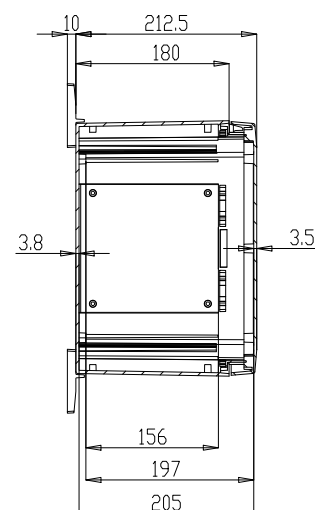
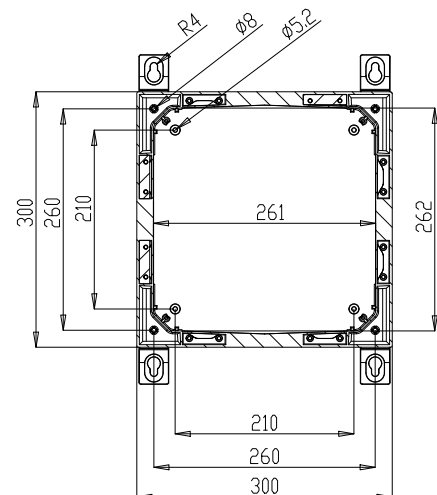
Body: The durable body is fabricated using high-performance, lightweight yet robust construction polycarbonate material which provides superior corrosion resistance, chemical resistance, UV stability, and high mechanical impact strength. It is fully insulated and halogen-free.

Door: The durable door is made from high-performance, lightweight yet robust construction polycarbonate material. It is Smoked Grey in colour and transparent for safe and continuous visual monitoring of components inside the enclosure. It is provided with polyurethane seal. The inner side of the door has a special molded rib design for additional durability and stability. Hinges are fitted on the longer side of the enclosure.

Seal: Polyurethane.

Lock: 3mm double bit locks with key. 2-point locking system with door guide included. Swing handle locking solution is available upon request.

Standard Colour: RAL7035 Light Grey.



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ACCESSORIES:

| Part Number | Description |
|---------------------|----------------------------------------------------------------------------------------------------------------------------------|
| MPMP-ARCA-3030 | Galvanised Steel Multiperforated Mounting Plate 250mmH x 250mmW x 1.5mmD-Ø3.6mm to suit 300mmH x 300mmW x 210 ARCA Enclosure |
| IDS ARCA 3030 | Inner Door Set 280mmH x 280mmW x 30mm (Galvanised Steel Door Frames, Aluminium Door) |
| DRS ARCA 303021* | Galvanised Steel DIN Rail Frame Set 280mmH x 280mmW x 30mm |
| WMKQ10S** | Polycarbonate Plastic Wall Mounting Lugs Set 35mmH x 75mmW x 20mmD to suit 200mmH x 300mmW up to 600mmH x 800mmW ARCA Enclosures |
| WMKQ50S** | Polycarbonate Plastic Wall Mounting Lugs Set 37mmH x 77mmW x 50mmD to suit 200mmH x 300mmW up to 600mmH x 800mmW ARCA Enclosures |
| WMK-ARCA-10-SMALL** | Stainless Steel Wall Mounting Lugs Set 34mmH x 56mmW x 20mmD to suit 200mmH x 300mmW x up to 600mmH x 800mmW ARCA Enclosures |
| WMK-ARCA-40-SMALL** | Stainless Steel Wall Mounting Lugs Set 34mmH x 56mmW x 50mmD to suit 200mmH x 300mmW x up to 600mmH x 800mmW ARCA Enclosures |
| PMK ARCA 30 | Stainless Steel Pole Mounting Kit for Ø100-300mm Pole 385mmH x 285mmW x 35mmD |

*2 rows x 11 modules for size 300H x 300W x 210D ARCA Enclosure

**Installation Methods:

| | |
|--------------------|---------------------------------------------------------------|
| WMKQ10S - | Provide 10mm offset or gap clearance between wall and cabinet |
| WMKQ50S - | Provide 50mm offset or gap clearance between wall and cabinet |
| WMK-ARCA-10-SMALL- | Provide 10mm offset or gap clearance between wall and cabinet |
| WMK-ARCA-40-SMALL- | Provide 40mm offset or gap clearance between wall and cabinet |

PARAMETERS:

| | |
|----------------------------------------|-----------------------|
| Electrical Insulation: | Fully Insulated |
| Halogen Free (DIN/VDE 0472, Part 815): | Yes |
| UV Resistance: | UL 746C |
| Flammability Rating: | UL 94 5VA |
| Glow Wire Test (IEC 695-2-1)°C: | 960°C |
| NEMA Class: | NEMA 1, 4, 4X, 12, 13 |
| Temperature °C (long term): | -40...+80°C |

ENVIRONMENTAL DATA:

| | |
|---------------------------|------------------------|
| A1-A3 GWP (kgCO2e): | 15.275 |
| GWP Standard: | EN15804:2012 + A2:2019 |
| EPD Registration Number: | HUB-4865 |
| Third Party Verification: | TRUE |

CERTIFICATES:

Certificate FI 42557. Our Ref. HEL-CERT191100721-07.