



Distribution Board

Electrical properties

- Rated Voltage - (Ue) up to: 1500VAC and 1500VDC.
- Rated Voltage (Uimp): 12kV.
- Rated Current - In up to: 6300A.
- Rated short-time withstand current (Icw/ tcw): 10kA, 35kA-1s, 65kA-1s, 85kA-1s.
- Internal arc resistance rating: IAC AFL 85kA - 300 ms.
- Number of Wires: 3F+T (4 Wires) or 3F+N+T (5 Wires).

Mechanical Properties

- Self-standing enclosure.
- Made from galvanized steel sheet, stainless steel 304 and 316 gauges 16, 14, 12 BWG or 1.5mm, 2.0mm, 2.5mm.
- Impact resistance: IK 10.
- Protection against liquid and solid particles up to: IP66, with forced ventilation if required.
- Coating in electrostatic paint, corrosion resistant, according to IEC 614391:2020 numeral 10.2.2.2 and 10.2.2.3 and a minimum average of 60 microns applied.
- Paint colors: RAL 7035 (Standard), RAL 7032, ANSI 61, RAL 9002 and others (according to customer's requirements).
- Internal arc protection (if required)
- Possibility of compartmentalization and segregation forms. From form 1 to form 4b.
- Dimensions up to 2200 height x 1200 width x 1200 depth, measured in millimeters.

Applied Standards

- RETIE – Version 2013
- NTC 2050
- IEC 61439-1y2

Routine Testing

- Dielectric properties.
- Isolation and creepage distances.
- Checking the mechanical operation of components.
- Protective measures against direct contact.
- Verification of tightening torques and conductor pulling.
- Verification of paint thickness and adherence.

Certifications



Certificado No. 03503

ISO 9001:2015
ISO 14001:2015
ISO 45001:2018

BUREAU VERITAS
Certification



Contact us

- Kyvingeneria
- www.kv-ingenieria.com
- km 3.5 Vía Cordialidad Barranquilla - Galapa
- (57) 313 8863788
- (57) 313 5467133

