



Technical Data

Electrical Properties

- Rated Voltage - Un: 220 - 208/120Vac.
- Rated Current - In: ≤ 1000 A (as required).
- Short Circuit withstand current - Icc: ≤ 65 kA.
- Number of Wires: 3F+N+T (5 Wires), 2F+N+T (4 Wires).
- Direct measurement characteristics: Three-phase (3 Φ), Two-wire single-phase (2 Φ).
- Wiring according to rated current and semi-direct measurement characteristics.

Mechanical Properties

- Self-standing enclosure.
- Made from galvanized steel sheet, in gauges 16 and 18 BWG.
- Impact resistance: IK 08.
- Protection against liquid and solid particles up to: IP54.
- Coating in electrostatic paint, corrosion resistant, tested with 400 hours of salt chambers and a minimum average of 60 microns applied.
- Paint colors: RAL 7035 (Standard), RAL 7032, ANSI 61, RAL 9002 and others (as required).
- Provided with partial compartments to house the bars and CTs, meters and sub breakers.
- Compartment for meter and busbars with CT's, provided with 3mm polycarbonate windows, complying with IK08 respectively.
- Access restricted to unauthorized personnel, by means of seal holder locks.

Applied Standards

- Norma Operadores de RED.
- RETIE – Version 2013, Chapter 20.23.
- NTC 2050
- IEC 61439-1-2.

Routine Tests

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


Certifications



ISO 9001:2015
ISO 14001:2015
ISO 45001:2018
BUREAU VERITAS
Certification



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