



Technical Data

Electrical Properties

- Rated Voltage - (Ue) up to: 480VAC.
- Rated Voltage (Uimp): 12kV.
- Rated Current - In up to: 120 A per SVG.
- 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).
- Switching by means of circuit breakers or contactors.
- Type segregation: 1 - 2A - 2B - 3A - 3B - 4A - 4B.
- Manual and/or automatic operation.

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: IP42, 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).
- Resistant arch (if required).

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.
- Verification of conductor pulling.
- Verification of paint thickness and adhesion.

Certifications



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



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