



Technical Data

Electrical Properties

- Nominal Voltages – up to Ur: 34.5kv.
- Rated Current – In: 630A.
- Rated short-time withstand current – Icw: 16kA at 1 sec.
- Internal arc resistance rating: IAC AF 16KA – 0.13 sec.
- Number of Wires: 3F+N+T (5 Wires).

Mechanical Properties

- Self-standing enclosure.
- Manufactured in galvanized steel sheet, in 12, 14 and 20 BWG gauges.
- Impact resistance: IK 08.
- Protection against liquid and solid particles IP 4X.
- 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).
- Passive protection against internal arc.
- Venting of gases due to internal failures by flaps located at the top.
- Upper crown that prevents the passage of particles expelled from inside the cell in case of failures to the front and side.
- Inspection window composed of three 3mm thick polycarbonate sheets.

Applied Standards

- RETIE–Version 2013, Chapter 20.23.
- NTC 2050
- IEC 62271-200

Routine Testing

- Dielectric properties.
- Isolation and creepage distance.
- Checking the mechanical operation of components.
- Protective measures against direct contact.

certifications



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