Residual Current Circuit Breaker (RCCB)

Description



In accordance with european and international standards:
EN 61008-1 | IEC 61008-1: "Residual Current Circuit Breaker (RCCB)".

Installation in DIN rail track, in Panelboards.

Characteristics

Number of poles: **1P+N**; **3P+N**
Voltage: **240/415 V**
Rated current (A): **16**; **25**; **40**; **63**
Class: **A**; **AC**
Sensitivity (IΔn): **0,01 A**; **0,03 A**; **0,3 A**; **0,5 A**
Breaking capacity (Icn): **10 kA**
Frequency: **50/60 Hz**
Non-operating current: **0,5 IΔn**
Operating current: **0,5 Δn a IΔn**
Tripping time: **<0,1 seconds**
Electrical-mechanical useful life: **>4000 cycles**
Connection by **"U" Type Busbar**
Connection by **Pin Type Busbar**
Terminal capacity: **25 mm²**
Terminal height: **19 mm**
Maximum tightening torque: **2,0 Nm**
Installation ambient temperature: **-5 °C to +40 °C** (average temperature must not exceed 35 °C)
Humidity must not exceed **50 % to 40 °C** or **90 % at 25 °C**.
The device must be installed vertically in a place free from impacts and heavy vibrations.

Operation

Operation as differential (protection against fault current to earth).
Indication of contact position.
Ability to quickly dissipate energy stored during tripping.
High resistance to short-circuit current.

Dimensions (mm)

