

Residual Current Circuit Breaker

This residual current device (RCD) protects against electric shock by detecting imbalances in current flow. When an imbalance exceeds a threshold, it quickly trips, preventing electric shock.



Product Overview

Safety and Protection

This Residual Current Circuit Breaker (RCCB) is engineered to provide critical protection against electric shock by monitoring current balance between live and neutral conductors. Designed for reliability, it features a rapid trip mechanism that interrupts the circuit immediately upon detecting an imbalance. This device is suitable for a wide range of residential, commercial, and industrial electrical installations.

Technical Specifications

Rated Voltage

220 V

Operating Voltage

265 V

Maximum Voltage (Un)

Frequency

50 Hz

Rated Residual Operating Current (I_{Δn})

30 mA

Standards Compliance

IEC 61009-1

Operation & Maintenance

Maintenance Instructions

- Regular monthly testing recommended
- Utilize the built-in test button for verification

Operational Temperature

-0.5 °C