

Residual Current Circuit Breaker

Residual current circuit breakers (RCCB) are designed to protect against electrical shock and fire hazards. These devices monitor the current balance in a circuit and quickly disconnect power if a leakage current is detected.



Overview

Residual Current Circuit Breaker (RCCB)

This Residual Current Circuit Breaker is designed to provide essential protection against electrical shock and fire hazards by monitoring current balance in a circuit. It features a rapid disconnection mechanism that activates immediately upon the detection of leakage current. Equipped with a manual test button for routine safety verification, this device is suitable for a wide range of residential, commercial, and industrial electrical applications.

Technical Specifications

Rated Current

40 A

Rated Current

Rated Voltage	230 V
Frequency	50 Hz
Tripping Sensitivity (I _n)	0.03 A
Ingress Protection Rating	IP20

Compliance & Standards

Certifications	CE, EN 61009-1
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Features

Safety Features

- Leakage current detection
- Manual test button (T)
- Rapid power disconnection