

Residual Current Circuit Breaker with Over-current Protection

This device is a Residual Current Circuit Breaker with Overcurrent Protection (RCBO), designed to protect electrical circuits from both overcurrents and residual currents (earth faults). It combines the functionality of a Miniature Circuit Breaker (MCB) and a Residual Current Device (RCD) in a single unit.



Product Overview

Integrated Protection Solution

This Residual Current Circuit Breaker with Overcurrent Protection (RCBO) provides a comprehensive safety solution by combining the functions of a Miniature Circuit Breaker (MCB) and a Residual Current Device (RCD) in a single, compact unit. Engineered for versatility, it effectively safeguards electrical circuits against both overcurrent conditions and earth faults. Designed for standard DIN rail mounting, this device is an essential component for ensuring electrical safety and fire prevention in residential, commercial, and industrial electrical installations.

Technical Specifications

Rated Current

40 A

Rated Current

Number of Poles

2

Residual Current Sensitivity

30 mA

Features

Installation Features

- DIN Rail Mounting
- Manual Disconnection Switch
- Integrated Test Button

Protection Types

Overcurrent Protection, Earth Fault Protection, Short Circuit Protection

Applications

Suitable Environments

Residential • Commercial • Industrial