

# Residual Current Circuit Breaker (RCCB)

These residual current circuit breakers (RCCBs) are designed for electrical safety. Available in single-module and four-module configurations, they protect against electrical shock and prevent electrical fires by quickly disconnecting the circuit when a leakage current is detected.



## Overview

### Electrical Safety Protection

These Residual Current Circuit Breakers (RCCBs) are engineered to provide essential electrical safety by detecting leakage currents and rapidly disconnecting the circuit. Designed to prevent electrical shock and mitigate the risk of electrical fires, these units are suitable for a variety of residential and commercial applications. They comply with international standards to ensure reliable performance and user safety.

## Technical Specifications

Standards Compliance	IEC 61008-1, EN 61008-1
Rated Short Circuit Capacity	6 kA
Rated Residual Operating Current	0.03 A

## Model Comparison

### Model Variants

Module Type	Rated Voltage	Residual Making Capacity
Single-Module	230V-275V	N/A
Four-Module	240/415V	500A

## Features

### Core Safety Functions

- Leakage current detection
- Rapid circuit disconnection
- Electrical shock prevention
- Fire hazard mitigation