

# Residual Current Circuit Breaker with Over-current Protection

This residual current circuit breaker provides both overload and short circuit protection. It protects people against indirect contacts and offers additional protection against direct contacts, while also safeguarding installations from fire hazards caused by insulation faults.



## Overview

### Comprehensive Circuit Protection

This Residual Current Circuit Breaker with Overcurrent Protection (RCBO) provides essential electrical safety by combining overload and short-circuit protection in a single device. It is engineered to protect people against indirect contact and provide additional protection against direct contact, while safeguarding installations from fire hazards caused by insulation faults. Suitable for a wide range of environments, including industrial, commercial, high-rise, and residential applications.

## Electrical Ratings

### Rated Sensitivity (I<sub>Δn</sub>)

- 30
- 50
- 100

Rated Voltage	230V~/400V~
Rated Current Options	10A, 16A, 20A, 25A, 32A, 40A, 50A, 63A

## Performance

### Rated Breaking Capacity

**4500 A**

Breaking Capacity

### Service Life

Type	Minimum Cycles
Mechanical	4000
Electrical	2000

Rated Residual Making/Breaking Capacity	2000 A
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## Configuration

### Available Poles

1P+N • 2P • 3P+N • 4P

## Standards & Compliance

### Certifications

CCC

### Standards

IEC61009-1, GB/T16917.1

## Environmental & Protection

### Protection Class

IP20

### Pollution Degree

2

### Overvoltage Category

III