

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_{Δn})

- 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

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