

2-Pole Residual Current Circuit Breaker with Overcurrent Protection

Residual current circuit breakers are suitable for both domestic and industrial applications. This device combines a residual current device with a permanent magnet principle and a circuit breaker with thermal overload release and magnetic short circuit current release.



Product Overview

Professional Electrical Protection

This 2-Pole Residual Current Circuit Breaker with Overcurrent Protection (RCBO) provides a robust safety solution by combining thermal overload, magnetic short-circuit, and earth leakage protection in a single unit. Designed for both domestic and industrial environments, it operates independently of line voltage thanks to its permanent magnet principle. The device ensures high-reliability performance, complying with international safety standards including IEC/EN 61009-1.

Technical Metrics

Key Performance Metrics

10 kA

Rated Breaking Capacity

30 mA

Sensitivity

230 V

Rated Voltage

Technical Specifications

Electrical Characteristics

Parameter	Details
Rated Current	6 - 63 A
Tripping Characteristics	B, C, D Type
Rated Residual Current	30, 50, 100, 300, 500 mA
Poles	1P+N, 2P, 3P, 3P+N, 4P

Compliance & Certification

Certifications & Standards

CE, CCC, IEC/EN 61009-1, GB/T 16917-1