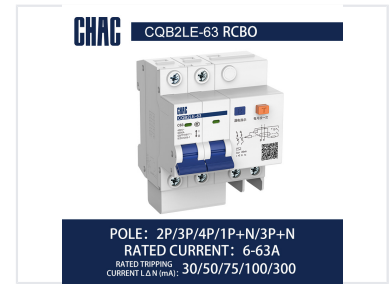


6kA Residual Current Circuit Breaker with Overcurrent Protection

This circuit breaker provides overload and short circuit protection. It protects people against indirect contacts and offers additional protection against direct contacts, while also protecting installations against fire hazards due to insulation faults.



Overview

Comprehensive Circuit Protection

This 6kA Residual Current Circuit Breaker with Overcurrent Protection (RCBO) provides essential safety for industrial, commercial, and residential electrical systems. It offers integrated overload and short-circuit protection while safeguarding users against direct and indirect electrical contacts. Additionally, the device helps prevent fire hazards caused by insulation faults and allows for reliable control of electrical circuits.

Electrical Ratings

Available Rated Currents

- 6
- 10
- 16
- 20
- 25
- 32
- 40
- 50
- 63

Rated Sensitivity

- 30
- 50
- 75
- 100
- 300

Insulation Voltage	500 V
Rated Breaking Capacity	6000 A
Rated Frequency	50Hz / 60Hz

Mechanical & Configuration

Tripping Characteristics

B • C • D

Number of Poles	2P, 3P, 4P, 1P+N, 3P+N
Mechanical Life	4000 cycles
Electrical Life	4000 cycles

Compliance & Environment

Protection Degree	IP20
Standards	IEC61009-1, GB/T16917.1
Certification	CCC

Performance Data

Tripping Characteristics Test Data

Type	Test Current	Expected Result
Delay	1.13In	Non-tripping
Delay	1.45In	Tripping
Delay	2.55In	Tripping