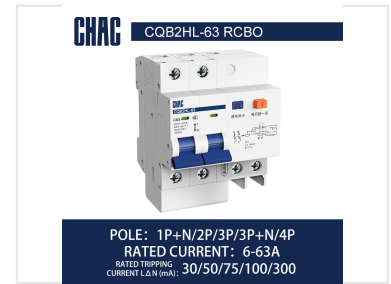


Residual Current Circuit Breaker with Over-current Protection

This circuit breaker provides overload and short circuit protection with B, C, and D tripping curves. It protects against indirect contacts and offers additional protection against direct contacts, as well as fire hazards due to insulation faults.



Overview

Comprehensive Circuit Protection

This residual current circuit breaker with overcurrent protection is engineered for robust safety in industrial, commercial, and residential environments. It provides essential protection against overloads, short circuits, and insulation faults, while safeguarding personnel against indirect and direct electrical contacts. Designed for reliability, the unit conforms to international IEC 61009-1 standards for peace of mind.

Electrical Specifications

Rated Current Options

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

Rated Breaking Capacity

10000 A

Breaking Capacity

Rated Voltage

230V (1P+N, 2P) / 400V (3P, 3P+N, 4P)

Rated Tripping Current (I_{Δn})

30mA, 50mA, 75mA, 100mA, 300mA

Mechanical Specifications

Available Pole Configurations

1P+N • 2P • 3P • 3P+N • 4P

Service Life

Type	Minimum Cycles
Mechanical Life	20000
Electrical Life	6000

Environmental & Installation

Ambient Temperature Range	-5°C to +40°C
Mounting Type	DIN rail embedded (TH35-7.5)
Protection Class	IP20
Max Altitude	2000 m