

Residual Current Circuit Breaker with Over-current Protection

Residual current circuit breakers are suitable for use in domestic and industrial applications. They combine a residual current device with a permanent magnet principle and a circuit breaker with thermal overload and magnetic short circuit current release.



Product Overview

Professional RCBO Solution

The N8BNLE residual current circuit breaker with overcurrent protection is engineered for reliable use in both domestic and industrial electrical systems. By combining residual current protection based on permanent magnet principles with thermal-magnetic overload and short-circuit release, it offers comprehensive safety. The device maintains voltage-independent functionality and adheres to rigorous international standards, ensuring consistent protection against electrical faults.

Technical Specifications

Performance Metrics

6 kA

Breaking Capacity

30 mA

Min Residual Current

Electrical Ratings

Parameter	Value
Rated Current	6-63 A
Voltage (1P+N/2P)	230 V
Voltage (3P/3P+N/4P)	400 V
Residual Currents	30, 50, 100, 300, 500 mA

Available Pole Configurations

1P+N • 2P • 3P • 3P+N • 4P

Tripping Characteristics

B-Type • C-Type • D-Type

Standards and Compliance

Compliance Standards

- IEC/EN 61009-1
- GB/T 16917-1

Certifications

CE, CCC