

# Residual Current Circuit Breaker with Over-current Protection

Residual current circuit breakers are suitable for both domestic and industrial electrical protection needs. This device combines a residual current device with a circuit breaker, incorporating thermal overload and magnetic short circuit current release.



## Product Overview

### Professional RCBO Solution

The N8LBE Residual Current Circuit Breaker provides comprehensive protection against both residual current and overcurrent scenarios. Engineered for both domestic and industrial applications, it integrates thermal overload release and magnetic short-circuit protection for maximum safety. Utilizing a permanent magnet principle, the device ensures reliable operation that is independent of line voltage.

## Technical Specifications

### Rated Current

**6 A**

Minimum

**63 A**

Maximum

### Rated Residual Current

- 30
- 100
- 300

### Rated Breaking Capacity

6kA (4.5kA for 50A and 63A models)

### Rated Operational Voltage

230 V

### Tripping Characteristics

B, C, D

## Compliance & Design

### Standards

IEC/EN 61009-1

### Configuration

1P+N

### Device Type

A Type