

Residual Current Circuit Breaker with Over-current Protection

Residual current circuit breakers are suitable for both domestic and industrial applications. They combine 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 Circuit Protection

The SL6N is a versatile residual current circuit breaker with overcurrent protection (RCBO) designed for both domestic and industrial electrical installations. By integrating thermal overload protection, magnetic short-circuit release, and residual current sensing into a single unit, it ensures comprehensive safety against electrical faults. The device operates independently of voltage for its core protection functions, requiring power only for the integrated functional test button.

Technical Specifications

Key Performance Metrics

32 A

Max Rated Current

230 V

Rated Voltage

3 kA

Breaking Capacity

Rated Residual Current

- 30
- 100
- 300

Tripping Characteristics

B-Type, C-Type, D-Type

Standards & Compliance

Regulatory Standards

IEC/EN 61009-1 • CE Certified

Installation Details

Pole Configuration

1P+N