

Residual Current Circuit Breaker with Over-current Protection

These residual current circuit breakers are suitable for both domestic and industrial use. The devices combine a residual current device, based on a permanent magnet principle, with a circuit breaker that has thermal overload release and magnetic short circuit current release.



Product Overview

Professional Grade Circuit Protection

The N8GNLE Residual Current Circuit Breaker with Overcurrent Protection is designed for high-performance domestic and industrial applications. It integrates permanent magnet residual current detection with thermal and magnetic release technology to ensure reliable operation regardless of voltage fluctuations. This dual-protection solution provides advanced safety by combining sensitive leakage detection with robust short-circuit and overload breaking capabilities.

Technical Specifications

Rated Breaking Capacity

6 kA

I_{cn}

10 kA

I_{cu}

7.5 kA

I_{cs}

Rated Current Range

- 1P+N / 2P: 63-125A
- 3P / 3P+N / 4P: 63-100A

Rated Residual Current

- 30
- 100
- 300

Available Pole Versions

1P+N, 2P, 3P, 3P+N, 4P

Compliance and Standards

Certifications

CE • CCC • IEC/EN 60947-2 • GB/T 14048.2

Tripping Characteristics

Type C, Type D