

Residual Current Circuit Breaker with Over-current Protection

These residual current circuit breakers combine a residual current device with a circuit breaker. They feature thermal overload release and magnetic short circuit current release.



Overview

Product Overview

The PL8HE is a high-performance residual current circuit breaker with integrated overcurrent protection, designed for both domestic and industrial applications. It combines advanced permanent magnet residual current detection with reliable thermal and magnetic short-circuit releases, ensuring robust protection against electrical faults. Featuring voltage-independent functionality for safety, this device provides a versatile solution for modern electrical infrastructure.

Electrical Specifications

Rated Residual Current

- 30mA
- 100mA
- 300mA

Rated Operational Voltage	230 V
Rated Breaking Capacity (Icn)	6000 A
Rated Current Capacity	Up to 32A

Technical Standards

Tripping Characteristics

Type B • Type C • Type D

Key Performance Metrics

500 A Impulse Withstand Current (Iam)	0.1 s Tripping Time
---	-------------------------------

Standard Compliance	IEC 61009-1, EN 61009-1
---------------------	-------------------------

Configuration

Pole Configuration	1P+N
--------------------	------