

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.



ADDITIONAL IMAGES



Product Overview

Versatile Circuit Protection

The SF6H Residual Current Circuit Breaker with Overcurrent Protection is designed for both domestic and industrial electrical safety. By combining a residual current device with thermal overload and magnetic short-circuit release mechanisms, this unit ensures comprehensive protection against earth leakage and overcurrent faults. Its voltage-independent design maintains reliability, while the built-in test button allows for easy periodic maintenance and functionality checks.

Electrical Ratings

Rated Operational Voltage

230 V

Single Phase

400 V

Multi-phase

Rated Breaking Capacity

4500 A

Performance

Rated Residual Current (I_h)

- 30mA
- 100mA
- 300mA

Tripping Characteristics

B-Type, C-Type, D-Type

Standards & Compliance

Compliance Standards

IEC 61009-1 • EN 61009-1 • CE Certified

Technical Specifications

Pole Configuration	1P+N to 4 Pole
Maximum Rated Current	32 A
Rated Conditional Short-Circuit Current	500 A