

AC Residual Current Monitor Protection Relay

This AC residual current monitor measures fault currents in grounded or earthed power supply systems. It can be configured with current transformer or temperature sensors and includes RS485 communication.



ADDITIONAL IMAGES



Product Overview

Advanced Residual Current Monitoring

This AC Residual Current Monitor is a professional-grade protection relay engineered for the precise detection and monitoring of electrical fault currents. It provides essential safety for industrial, commercial, and residential electrical systems by automatically cutting off power when predefined threshold values are exceeded. With its modular DIN-rail mounting and remote signal capabilities, the device offers a versatile and high-reliability solution for preventing electric shocks and mitigating insulation damage.

Electrical Specifications

Supply Voltage Options	AC 220V, DC 12V, DC 24V, DC 48V
Power Supply Range	85-265V DC/AC
Measuring Range	0.03mA to 9.99A or 0.1-50A
Contact Rating	5 A
Power Consumption	6 VA

Performance Metrics

Performance Accuracy

5 %

Accuracy

0.5 %

Repeatability

Reset Modes

- Automatic
- Manual
- Remote

Physical and Environmental

Terminal Protection

IP20

Operating Temperature

-20°C to 60°C

Mounting

Panel / DIN Rail

Standards and Compliance

Certifications

IEC 41-1, IEC 255, VDE 0664, EN 50081-1, EN 50082-2