

Digital Control Earth Leakage Relay

This earth leakage relay is designed for earth leakage protection. It features adjustable time and earth current settings.



ADDITIONAL IMAGES



Product Overview

Professional Earth Leakage Protection

This Digital Control Earth Leakage Relay is a high-precision device engineered to safeguard both industrial and commercial electrical systems. By continuously monitoring residual currents and initiating prompt power shutdowns, it effectively prevents equipment damage, insulation degradation, and hazardous electric shocks. The unit features a modular design for easy DIN rail mounting, coupled with advanced functionality including adjustable sensitivity, time delay settings, and remote reset capabilities.

Technical Specifications

Supply Voltage	AC220V (±15%), DC12V, DC24V, DC48V
Measuring Range	0.03mA to 9.99A or 0.1A to 50A
Operating Frequency	50 Hz
Contact Rating	5 A
Power Consumption	6 VA

Operational Metrics

Performance Accuracy

5 % Accuracy	0.5 % Repeatability
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Key Capabilities	Leakage Detection, Automatic Cut-off, Adjustable Sensitivity, High Interference Immunity, Remote Reset/Test
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Physical & Environmental

Mounting	35mm DIN Rail
Terminal Protection	IP20
Temperature Range	-20°C to 60°C

Compliance

Certifications & Standards

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