

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

Key Capabilities

Leakage Detection, Automatic Cut-off, Adjustable Sensitivity, High Interference Immunity, Remote Reset/Test

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