

Earth Leakage Fault Monitor Protection Relay

This earth leakage relay provides protection against earth leakage faults in electrical systems. It monitors earth current, tripping the circuit when a preset threshold is exceeded to prevent damage and ensure safety.



ADDITIONAL IMAGES



Product Overview

Advanced Earth Leakage Fault Monitoring

This Earth Leakage Fault Monitor Protection Relay is a critical safety device designed to safeguard electrical systems by detecting residual current and automatically interrupting the power supply. Engineered for reliability, it features adjustable time delays and sensitivity settings to accommodate diverse industrial and commercial environments. The compact modular design allows for seamless DIN rail installation, providing high immunity to electrical interference and ensuring long-term equipment health.

Key Features

Operational Capabilities

- Leakage detection with automatic power cut-off
- Adjustable time delay and sensitivity threshold
- High immunity to electrical interference
- Remote reset and remote test functionality
- High-definition display for easy data reading
- Sealable front cover for security

Technical Specifications

Performance Metrics

5 A

Contact Rating

6 VA

Power Consumption

200 g

Weight

Electrical Ratings

Parameter	Value
Supply Voltage	AC220V±15%, DC12V, DC24V, DC48V
Power Supply Range	85-265V DC/AC
Measuring Range	0.03mA-9.99A or 0.1-50A
Frequency	50/60 Hz

Installation & Environment

Operating Environment

DIN Rail Mounting, IP20 Protection, -20°C to 60°C Operating Temp

Compliance

Regulatory Standards

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