DC Earth Leakage Protection Relay

This DC earth leakage relay is designed for residual current protection. It ensures the safety of electrical systems by detecting and responding to DC leakage currents, preventing potential hazards and equipment damage.

ADDITIONAL IMAGES

Overview

Advanced Residual Current Monitoring

This DC Earth Leakage Protection Relay is a professional-grade monitoring solution designed to safeguard critical electrical infrastructure. By continuously monitoring for residual currents, it provides essential protection for personnel and equipment, automatically isolating circuits when thresholds are exceeded. It features high immunity to electrical interference and an intuitive high-definition display, making it ideal for industrial, commercial, and residential distribution systems.

Electrical Specifications

Supply Voltage (Un)	24V AC, 115/230V AC, 400V AC, 12-125V DC, 10-60V DC
Power Consumption	6 VA
Contact Rating	5 A

Measurement & Performance

Operating Frequency

50 Hz	Frequency
60 Hz	Frequency

Measuring Range	0.03mA to 9.99A or 0.1A to 50A

Environmental & Mechanical

Terminal Protection
IP20

Operating Temperature	-20°C to 60°C
Mounting	35mm DIN Rail
Weight	200 g

Features & Standards

Key Features

- Adjustable time delay and sensitivity
- Remote reset and test functions
- High-definition display
- Over-limit warning
- Sealable front cover
- Modular DIN rail design

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