

Product sheet

Differential Protection Relay RH10M 0.3 A

Brand: SCHNEIDER

Reference: IMPO 56135



Differential protection relay RH10M, designed for electrical safety applications in TT, IT, and TN-S systems. Operates with supply voltage 220–240 V AC, 50/60 Hz, with leakage current set at 0.3 A and instantaneous tripping. Compatible with open and closed type A toroidal transformers.

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Description

Differential protection relay RH10M designed for electrical safety applications in industrial and commercial installations.

Technical features

- Application: Relay protection
- Mounting support: DIN rail
- Earth leakage current: 0.3 A
- Adjustment type: On/off
- Differential trip timing: Instantaneous
- Rated supply voltage: 220...240 V AC 50/60 Hz 55...110 %
- Power consumption: 4 VA
- Supply voltage: 1000 V AC (50/60 Hz and 400 Hz)
- Earthing system: TT, IT, TN-S
- Surge voltage withstand: 8 kV
- Reset: Manual
- Test function: Remote and local test
- Measurement: Internal earth leakage current measurement, range 80...100 %
- Adjustment integrity: Protected by tamper-proof cover
- Protection degree IP: IP40 (front face), IP30 (sides), IP20 (terminals)
- Impact protection degree IK: IK07

- Overvoltage category: IV
- Electrical shock protection class: Class II
- Electromagnetic compatibility: CISPR 11, IEC 61000-4-2 to 4-6
- Operating ambient temperature: -35...70 °C
- Storage ambient temperature: -55...85 °C
- Weight: 0.3 kg
- Dimensions: 54 mm (width) x 81 mm (height) x 74 mm (depth)
- Connections: Screw terminals for flexible and rigid cables with cross-section 0.14...4 mm²
- Tightening torque: 0.25 N·m to 0.6 N·m depending on terminal
- Stripped cable length: 5 mm to 8 mm depending on connection
- Sustainable offering status: Green Premium product
- EU RoHS directive: Compliant
- REACH regulation: No SVHC
- Waste electrical and electronic equipment (WEEE): Disposal in specific system, not in general waste container
- Free of mercury, free of PVC

Specifications

Frequency	50/60 Hz
Width	54 mm
Class	AC
EAN	3303430561354
Manufacturer	SCHNEIDER
Range	Industrial
Long	81 mm
Measures	54 mm x 81 mm x 74 mm
Weight (kg)	0,3 kg
Depth	74 mm
Protection	IP40
Nominal voltage (V)	220...240 V AC
Current type	AC

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