Characteristics

residual current protection relay, Vigirex RH99P, 30 mA to 30 A, 220 VAC to 240 VAC 50/60 Hz, local manual reset

Price**: 1,601.00 USD

Main

Range: Vigirex
Range of product: Vigirex
Device short name: RH99P
Product or component type: Residual current protection relay
Range compatibility:
- Vigirex RH TOA earth leakage current sensor
- Vigirex RH A earth leakage current sensor
Relay application: Residual current protection relay

Complementary

Earthing system:
- IT
- TT
- TN-S

[Us] rated supply voltage:
- 220...240 V AC 50/60 Hz
- 220...240 V AC 400 Hz

Power consumption in VA: 4 VA
Type of measurement: Earth fault current internal measurement 80...100 %
Residual earth-leakage time delay adjustment type:
- Instantaneous 0.03 A
- Adjustable 9 settings 0.03…30 A 0…4.5 s

Test function:
- Local
- Remote test

Monitoring:
- Electronics continuous
- Power supply continuous
- Relay/sensor link continuous

[Ithe] conventional enclosed thermal current: 8 A
Minimum load: 10 mA 12 V
Net weight: 0.66 lb (US) (0.3 kg)
Mechanical robustness: Fire resistance IEC 60695-2-1
Earth-leakage protection class | Class AC
---|---
Overvoltage category | IV
Tamperproof of settings | Protected by sealable cover
Mounting support | Panel
Height | 2.83 in (72 mm)
Width | 2.83 in (72 mm)
Depth | 3.07 in (78 mm)

Connections - terminals
- Auxiliary power supply terminal block 0.00…0.00 in² (0.2…2.5 mm²) flexible AWG 24…AWG 12
- Auxiliary power supply terminal block 0.00…0.00 in² (0.2…2.5 mm²) rigid AWG 24…AWG 12
- Fault terminal block 0.00…0.00 in² (0.2…2.5 mm²) flexible AWG 24…AWG 12
- Fault terminal block 0.00…0.00 in² (0.2…2.5 mm²) rigid AWG 24…AWG 12
- Relay test and fault reset terminal block 0.00…0.00 in² (0.2…2.5 mm²) flexible AWG 24…AWG 12
- Relay test and fault reset terminal block 0.00…0.00 in² (0.2…2.5 mm²) rigid AWG 24…AWG 12
- Sensor terminal block 0.00…0.00 in² (0.2…2.5 mm²) flexible AWG 24…AWG 12
- Sensor terminal block 0.00…0.00 in² (0.2…2.5 mm²) rigid AWG 24…AWG 12
- Voltage presence terminal block 0.00…0.00 in² (0.2…2.5 mm²) flexible AWG 24…AWG 12
- Voltage presence terminal block 0.00…0.00 in² (0.2…2.5 mm²) rigid AWG 24…AWG 12

Wire stripping length
- Auxiliary power supply 0.28 in (7 mm)
- Fault 0.28 in (7 mm)
- Relay test and fault reset 0.28 in (7 mm)
- Sensor 0.28 in (7 mm)
- Voltage presence 0.28 in (7 mm)

Tightening torque
- Auxiliary power supply 5.31 lbf.in (0.6 N.m)
- Fault 5.31 lbf.in (0.6 N.m)
- Relay test and fault reset 5.31 lbf.in (0.6 N.m)
- Sensor 5.31 lbf.in (0.6 N.m)
- Voltage presence 5.31 lbf.in (0.6 N.m)

Environment
- Ambient air temperature for operation: -31…158 °F (-35…70 °C)
- Ambient air temperature for storage: -67…185 °F (-55…85 °C)
- Electromagnetic compatibility: Conducted and radiated emissions B CISPR 11
- Conducted radio-frequency immunity test 3 IEC 61000-4-6
- Electrostatic discharge immunity test 4 IEC 61000-4-2
- High-energy conducted susceptibility 4 IEC 61000-4-5
- Low-energy conducted susceptibility 4 IEC 61000-4-4
- Radiated susceptibility 3 IEC 61000-4-3
- Electrical shock protection class: Class II
## EU RoHS Declaration

<table>
<thead>
<tr>
<th>Mercury free</th>
<th>Yes</th>
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<tbody>
<tr>
<td>RoHS exemption information</td>
<td>Yes</td>
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### China RoHS Regulation
- **China RoHS declaration**
  - Product out of China RoHS scope. Substance declaration for your information.

### Environmental Disclosure
- **Product Environmental Profile**

### Circularity Profile
- **End of Life Information**
  - The product must be disposed on European Union markets following specific waste collection and never end up in rubbish bins.

## Contractual warranty

| Warranty | 18 months |

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/WEEE/

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