## Main

- **Range**: Vigirex
- **Range of product**: Vigirex
- **Device short name**: RH10P
- **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**: 12...24 V AC 50/60 Hz, 12...48 V DC
- **Power consumption in VA**: 4 VA
- **Type of measurement**: Earth fault current internal measurement 80...100 %
- **Residual earth-leakage time delay adjustment type**: Instantaneous 0.3 A
- **Test function**: Remote test, Local
- **Monitoring**: Electronics continuous, Power supply continuous, Relay/sensor link continuous
- **[Ith] 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, IK protection 2 joulesIK07 EN 50102, IP protectionIP20 IEC 60529, IP protectionIP30 IEC 60529

**Disclaimer**: This documentation is not intended as a substitute for and is not to be used for determining suitability or reliability of these products for specific user applications.
## Earth-leakage protection class
- Class AC
- Class A

## 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
- **Fault 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) flexible AWG 24…AWG 12
- **Sensor 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) flexible 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

## Ordering and shipping details
- **Category**: 01101 - NF... E COMPACT NS IEC CIRCUIT BREAKERS, SWITCHES & MCP’S
- **Discount Schedule**: DE2
- **GTIN**: 03303430562054
- **Package weight (Lbs)**: 0.68 kg (1.5 lb(US))
- **Returnability**: No
- **Country of origin**: FR

## Offer Sustainability
- **Sustainable offer status**: Green Premium product
- **REACH Regulation**: REACH Declaration
- **EU RoHS Directive**: Compliant
- **EU RoHS Declaration**:
<table>
<thead>
<tr>
<th><strong>Mercury free</strong></th>
<th>Yes</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>RoHS exemption information</strong></td>
<td>Yes</td>
</tr>
</tbody>
</table>
| **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 |
| **WEEE** | 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 |