## 56235
Earth-leakage relay RH10P - 300 mA - 240 V

**Product availability**: Non-Stock - Not normally stocked in distribution facility

**Price**: 1,607.00 USD

### 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
- **Relay application**: Residual current protection relay

### Complementary
- **Earthing system**: IT, TN-S, TT
- **[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 0.3 A
- **Test function**: Local, Remote test
- **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 joules IK07 EN 50102, IP protection IP20 IEC 60529, IP protection IP30 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.

Jan 6, 2020
### IP protection

<table>
<thead>
<tr>
<th>IP</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>IP40</td>
<td>IEC 60529</td>
</tr>
</tbody>
</table>

### Vibrations

<table>
<thead>
<tr>
<th>Frequency</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>13.2...100 Hz</td>
<td>0.7 g</td>
</tr>
<tr>
<td>2...13.2 Hz</td>
<td>+/- 1 mm</td>
</tr>
</tbody>
</table>

### Earth-leakage protection class

- Class A
- 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**
  - Flexible: AWG 24...AWG 12
  - Rigid: AWG 24...AWG 12

- **Fault terminal block**
  - Flexible: AWG 24...AWG 12
  - Rigid: AWG 24...AWG 12

- **Relay test and fault reset terminal block**
  - Flexible: AWG 24...AWG 12
  - Rigid: AWG 24...AWG 12

- **Sensor terminal block**
  - Flexible: AWG 24...AWG 12
  - Rigid: AWG 24...AWG 12

- **Voltage presence terminal block**
  - Flexible: AWG 24...AWG 12
  - 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: CISPR 11
- Conducted radio-frequency immunity test: IEC 61000-4-6
- Electrostatic discharge immunity test: IEC 61000-4-2
- High-energy conducted susceptibility: IEC 61000-4-4
- Low-energy conducted susceptibility: IEC 61000-4-4
- Radiated susceptibility: 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

03303430562351

#### 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>Feature</th>
<th>Details</th>
</tr>
</thead>
<tbody>
<tr>
<td>Mercury free</td>
<td>Yes</td>
</tr>
<tr>
<td>RoHS exemption information</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 |