# **Product datasheet**

Specifications





# Closed toroid A type, VigiPacT, Vigilohm, TA30, inner diameter 30mm, rated current 65A

50437

#### Main

| Range                     | VigiPacT  |
|---------------------------|---|
| Device Short Name         | TA30  |
| Product Or Component Type | Earth leakage current sensor                      |
| Device Application        | Equipment monitoring and control                  |
| Range Compatibility       | VigiPacT RH10M residual current protection relay  |
|                           | VigiPacT RH10P residual current protection relay  |
|                           | VigiPacT RH21M residual current protection relay  |
|                           | VigiPacT RH21P residual current protection relay  |
|                           | VigiPacT RH68M residual current protection relay  |
|                           | VigiPacT RH86M residual current protection relay  |
|                           | VigiPacT RH86P residual current protection relay  |
|                           | VigiPacT RH99M residual current protection relay  |
|                           | VigiPacT RH99P residual current protection relay  |
|                           | VigiPacT RH197M residual current protection relay |
|                           | VigiPacT RH197P residual current protection relay |
|                           | VigiPacT RHU residual current protection relay    |
|                           | VigiPacT RHUs residual current protection relay   |
|                           | VigiPacT RMH residual current protection relay    |
| Current Sensor Type       | A type closed toroid                              |

[le] Rated Operational Current 65 A

### Complementary

| 1/1000  |
|---|
| AC/DC   |
| 45440 Hz  |
| 85 kA for 0.5 s   |
| 85 kA / 0.5 s conforming to IEC 60947-2   |
| 1000 V  |
| IV  |
| 12 kV   |
| Fixed (plain backplate)<br>Fixed (profiled sheet metal)<br>Fixed (slotted backplate)<br>Clip-on (DIN rail)<br>Clip-on (Vigirex relay) |
| 0.98 MJ   |
| Screw connection 0.22 mm <sup>2</sup>   |
| 30 mm inner:  |
| 15 mm: 25 mm² (maximum)   |
|   |

| Net Weight | 0.12 kg |
|------------|---------|
| Height     | 82 mm   |
| Width      | 60 mm   |
| Depth      | 29 mm   |

#### Environment

| Ip Degree Of Protection                  | Connectors: IP20<br>IP30   |  |
|--|--|--|
| Environmental Characteristic             | Exposure to damp heat not in service (2555 °C, RH 95 %) : 28 cycles conforming to IEC 60068-2-30<br>Salt mist: Kb/2 conforming to IEC 60068-2-52<br>Exposure to damp heat in service: category C2: 48 hours conforming to IEC 60068-2-56 |  |
| Pollution Degree                         | Level 3 conforming to IEC 60664-1  |  |
| Ambient Air Temperature For<br>Operation | -3570 °C   |  |
| Ambient Air Temperature For<br>Storage   | -5585 °C   |  |
| Standards                                | IEC 60947-2  |  |
| Product Certifications                   | CE   |  |

# **Packing Units**

| Unit Type Of Package 1       | PCE       |
|------------------------------|-----------|
| Number Of Units In Package 1 | 1         |
| Package 1 Height             | 4.5 cm    |
| Package 1 Width              | 11.8 cm   |
| Package 1 Length             | 19 cm     |
| Package 1 Weight             | 118 g     |
| Unit Type Of Package 2       | S04       |
| Number Of Units In Package 2 | 100       |
| Package 2 Height             | 30 cm     |
| Package 2 Width              | 40 cm     |
| Package 2 Length             | 60 cm     |
| Package 2 Weight             | 12.566 kg |
| Unit Type Of Package 3       | P12       |
| Number Of Units In Package 3 | 400       |
| Package 3 Height             | 50 cm     |
| Package 3 Width              | 80 cm     |
| Package 3 Length             | 120 cm    |
| Package 3 Weight             | 57.65 kg  |

### **Contractual warranty**

Warranty

18 months

## Sustainability Screen Premium

**Green Premium<sup>TM</sup> label** is Schneider Electric's commitment to delivering products with best-inclass environmental performance. Green Premium promises compliance with the latest regulations, transparency on environmental impacts, as well as circular and low-CO<sub>2</sub> products.

**Guide to assessing product sustainability** is a white paper that clarifies global eco-label standards and how to interpret environmental declarations.

Learn more about Green Premium >

Guide to assess a product's sustainability >



Transparency RoHS/REACh

#### Well-being performance

Mercury Free

Rohs Exemption Information Yes

#### **Certifications & Standards**

| Reach Regulation         | REACh Declaration   |
|--------------------------|---|
| Eu Rohs Directive        | Compliant with Exemptions   |
| China Rohs Regulation    | China RoHS declaration<br>Product out of China RoHS scope. Substance declaration for your information                       |
| Environmental Disclosure | Product Environmental Profile   |
| Weee                     | The product must be disposed on European Union markets following specific waste collection and never end up in rubbish bins |
| Circularity Profile      | End of Life Information   |