

# Product datasheet

Specifications



closed toroid A type, for Vigirex and Vigilhom, TA30, inner diameter 30 mm, rated current 65 A

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<br>VigiPacT RH10P residual current protection relay<br>VigiPacT RH21M residual current protection relay<br>VigiPacT RH21P residual current protection relay<br>VigiPacT RH68M residual current protection relay<br>VigiPacT RH86M residual current protection relay<br>VigiPacT RH86P residual current protection relay<br>VigiPacT RH99M residual current protection relay<br>VigiPacT RH99P residual current protection relay<br>VigiPacT RH197M residual current protection relay<br>VigiPacT RH197P residual current protection relay<br>VigiPacT RHU residual current protection relay<br>VigiPacT RHUs residual current protection relay<br>VigiPacT RMH residual current protection relay |
| Current sensor type            | A type closed toroid  |
| [Ie] rated operational current | 65 A  |

## Complementary

|  |   |
|--|---|
| Transformer ratio                        | 1/1000  |
| Network type                             | AC/DC   |
| Network frequency                        | 45...440 Hz   |
| [Icw] rated short-time withstand current | 85 kA for 0.5 s   |
| Residual short-circuit withstand current | 85 kA / 0.5 s conforming to IEC 60947-2   |
| [Ui] rated insulation voltage            | 1000 V  |
| Overvoltage category                     | IV  |
| [Uimp] rated impulse withstand voltage   | 12 kV   |
| Mounting mode                            | Fixed (plain backplate)<br>Fixed (profiled sheet metal)<br>Fixed (slotted backplate)<br>Clip-on (DIN rail)<br>Clip-on (Vigirex relay) |
| Calorific value                          | 0.98 MJ   |
| Connections - terminals                  | Screw connection 0.22 mm²   |

|                      |                         |
|----------------------|-------------------------|
| Diameter             | 30 mm inner:            |
| Cable outer diameter | 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 (25...55 °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 operation | -35...70 °C   |
| Ambient air temperature for storage   | -55...85 °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  |

### Offer Sustainability

|                          |  |
|--------------------------|--|
| Sustainable offer status | Green Premium product                            |
| REACH Regulation         | <a href="#">REACH Declaration</a>                |
| EU RoHS Directive        | Compliant<br><a href="#">EU RoHS Declaration</a> |
| Mercury free             | Yes  |

|                            |   |
|----------------------------|---|
| China RoHS Regulation      | <a href="#">China RoHS declaration</a><br>Product out of China RoHS scope. Substance declaration for your information       |
| RoHS exemption information | <a href="#">Yes</a>   |
| Environmental Disclosure   | <a href="#">Product Environmental Profile</a>   |
| Circularity Profile        | <a href="#">End of Life Information</a>   |
| 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 |
|----------|-----------|

### Recommended replacement(s)