

Product data sheet

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 |
| [I _e] rated operational current | 65 A |

Complementary

| | |
|---|---|
| Transformer ratio | 1/1000 |
| Network frequency | 50/60 Hz 400 Hz |
| [I _{cw}] 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 |
| [U _i] rated insulation voltage | 1000 V |
| Overvoltage category | IV |
| [U _{imp}] rated impulse withstand voltage | 12 kV |
| Mounting mode | Fixed (plain backplate) Fixed (profiled sheet metal) Fixed (slotted backplate) Clip-on (DIN rail) Clip-on (Vigirex relay) |
| Calorific value | 0.98 MJ |
| Connections - terminals | Screw connection 0.22...2.5 mm ² |
| Diameter | 29.4 mm inner: |
| Net weight | 0.12 kg |
| Height | 74.5 mm |

| | |
|--------------|-------|
| Width | 63 mm |
| Depth | 29 mm |

Environment

| | |
|--|---|
| IP degree of protection | Body: IP30 Connectors: IP20 |
| Environmental characteristic | Exposure to damp heat in service: category C2: 48 hours conforming to IEC 60068-2-56 Exposure to damp heat not in service (25...55 °C, RH 95 %) : 28 cycles conforming to IEC 60068-2-30 Salt mist: Kb/2 conforming to IEC 60068-2-52 |
| 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 | 3.000 cm |
| Package 1 Width | 7.000 cm |
| Package 1 Length | 15.000 cm |
| Package 1 Weight | 108.000 g |
| Unit Type of Package 2 | S04 |
| Number of Units in Package 2 | 100 |
| Package 2 Height | 30.000 cm |
| Package 2 Width | 40.000 cm |
| Package 2 Length | 60.000 cm |
| Package 2 Weight | 11.500 kg |

Contractual warranty

| | |
|-----------------|-----------|
| Warranty | 18 months |
|-----------------|-----------|



Environmental Data

Schneider Electric aims to achieve Net Zero status by 2050 through supply chain partnerships, lower impact materials, and circularity via our ongoing “Use Better, Use Longer, Use Again” campaign to extend product lifetimes and recyclability.

[Environmental Data explained >](#)

[How we assess product sustainability >](#)

Environmental footprint

Total lifecycle Carbon footprint 9

Environmental Disclosure [Product Environmental Profile](#)

Use Better

Materials and Substances

Packaging made with recycled cardboard Yes

Packaging without single use plastic No

[EU RoHS Directive](#) Compliant

SCIP Number 78b0d24c-0e62-4f91-9397-1958e4735328

REACH Regulation [REACH Declaration](#)

California proposition 65 **WARNING: This product can expose you to chemicals including: DINP, which is known to the State of California to cause cancer, and DIDP, which is known to the State of California to cause birth defects or other reproductive harm. For more information go to www.P65Warnings.ca.gov**

Use Again

Repack and remanufacture

End of life manual availability [End of Life Information](#)

Take-back No

WEEE Label  The product must be disposed on European Union markets following specific waste collection and never end up in rubbish bins

Technical Illustration

Assembly's dimensions

