



Main

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|---|---|
| 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

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|---|---|
| Transformer ratio | 1/1000 |
| Network type | AC/DC |
| Network frequency | 45...440 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 mm ² |
| Diameter | 30 mm inner: |
| Cable outer diameter | 15 mm: 25 mm ² (maximum) |
| Net weight | 0.12 kg |
| Height | 82 mm |
| Width | 60 mm |
| Depth | 29 mm |

The information provided in this documentation contains general descriptions and/or technical characteristics of the performance of the products contained herein. 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. It is the duty of any such user or integrator to perform the appropriate and complete risk analysis, evaluation and testing of the products with respect to the relevant specific application or use thereof. Neither Schneider Electric Industries SAS nor any of its affiliates or subsidiaries shall be responsible or liable for misuse of the information contained herein.

Environment

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|---------------------------------------|---|
| IP degree of protection | Connectors: IP20 IP30 |
| Environmental characteristic | 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 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

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|------------------------------|-----------|
| 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

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|----------------------------|---|
| Sustainable offer status | Green Premium product |
| REACH Regulation | REACH Declaration |
| EU RoHS Directive | Compliant with Exemptions |
| Mercury free | Yes |
| China RoHS Regulation | China RoHS Declaration |
| RoHS exemption information | Yes |
| 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

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| Warranty | 18 months |
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