



### Main

|                                |                                  |
|--------------------------------|----------------------------------|
| Range                          | Vigirex                          |
| Device short name              | PA50                             |
| Product or component type      | Earth leakage current sensor     |
| Device application             | Equipment monitoring and control |
| Range compatibility            | Vigirex RH plug-in relay         |
| [Ie] rated operational current | 85 A                             |

### Complementary

|  |   |
|--|---|
| Current sensor type                      | A type closed toroid  |
| Network type                             | AC<br>DC  |
| Network frequency                        | 45...440 Hz   |
| [Ui] rated insulation voltage            | 1000 V  |
| Transformer ratio                        | 1/1000  |
| [Icw] rated short-time withstand current | 100 kA / 0.5 s  |
| Residual short-circuit withstand current | 85 kA / 0.5 s conforming to IEC 60947-2   |
| Overvoltage category                     | IV  |
| [Uimp] rated impulse withstand voltage   | 12 kV   |
| Mounting mode                            | Clip-on Vigirex relay<br>Fixed plain backplate<br>Fixed profiled sheet metal<br>Fixed slotted backplate<br>Clip-on DIN rail |
| Calorific value                          | 1.42 MJ   |
| Connections - terminals                  | Screw connection : $\geq 0.22 \text{ mm}^2$   |
| Diameter                                 | 50 mm (inner)   |
| Cable outer diameter                     | 25 mm : 50 mm <sup>2</sup> (maximum)  |
| Product weight                           | 0.2 kg  |
| Height                                   | 108 mm  |
| Width                                    | 88 mm   |
| Depth                                    | 29 mm   |

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

## Environment

|                                       |  |
|---------------------------------------|--|
| IP degree of protection               | Connectors : IP20<br>IP30  |
| Environmental characteristic          | Exposure to damp heat not in service conforming to IEC 60068-2-30 : 28 cycles 25...55 °C, RH 95 %<br>Salt mist conforming to IEC 60068-2-52 : Kb/2<br>Exposure to damp heat in service conforming to IEC 60068-2-56 : 48 hours : category C2 |
| 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  |

## Offer Sustainability

|                                  |   |
|----------------------------------|---|
| RoHS (date code: YYWW)           | Compliant - since 0901 - Schneider Electric declaration of conformity<br><a href="#">Schneider Electric declaration of conformity</a> |
| Product environmental profile    | Available<br><a href="#">Product Environmental Profile</a>  |
| Product end of life instructions | Available<br><a href="#">End of Life Information</a>  |

## Contractual warranty

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