



### Main

|                                |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |
|--------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Range                          | VigiPacT                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |
| Device short name              | GA300                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |
| Product or component type      | Earth leakage current sensor                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |
| Device application             | Equipment monitoring and control                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |
| Range compatibility            | VigiPacT RH10M residual current protection relay[RETURN]VigiPacT RH10P residual current protection relay[RETURN]VigiPacT RH21M residual current protection relay[RETURN]VigiPacT RH21P residual current protection relay[RETURN]VigiPacT RH68M residual current protection relay[RETURN]VigiPacT RH86M residual current protection relay[RETURN]VigiPacT RH86P residual current protection relay[RETURN]VigiPacT RH99M residual current protection relay[RETURN]VigiPacT RH99P residual current protection relay[RETURN]VigiPacT RH197M residual current protection relay[RETURN]VigiPacT RH197P residual current protection relay[RETURN]VigiPacT RHU residual current protection relay[RETURN]VigiPacT RHUs residual current protection relay[RETURN]VigiPacT RMH residual current protection relay |
| Current sensor type            | A type closed toroid                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |
| [Ie] rated operational current | 630 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 (cables)                                      |
| Connections - terminals                  | Connection by clip 6.35 mm <sup>2</sup>             |
| Diameter                                 | 291 mm inner:                                       |
| Cable outer diameter                     | 150 mm for 2 cables : 240 mm <sup>2</sup> (maximum) |
| Net weight                               | 2.23 kg                                             |
| Height                                   | Outside: 360 mm                                     |
| Width                                    | Outside: 390 mm                                     |
| Height                                   | 360 mm                                              |
| Depth                                    | Outside: 46 mm                                      |
| Width                                    | 390 mm                                              |
| Depth                                    | 46 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             | 5.4 cm    |
| Package 1 Width              | 36.8 cm   |
| Package 1 Length             | 40.2 cm   |
| Package 1 Weight             | 2.152 kg  |
| Unit Type of Package 2       | S04       |
| Number of Units in Package 2 | 5         |
| Package 2 Height             | 30.0 cm   |
| Package 2 Width              | 40.0 cm   |
| Package 2 Length             | 60.0 cm   |
| Package 2 Weight             | 11.526 kg |

## Offer Sustainability

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