



### Main

|                                     |                                 |
|-------------------------------------|---------------------------------|
| Range                               | Clario                          |
| Product or component type           | Add-on residual current devices |
| Device short name                   | Vigi iDPN                       |
| Poles description                   | 1P + N                          |
| Neutral position                    | Left                            |
| [In] rated current                  | 40 A                            |
| Network type                        | AC                              |
| Earth-leakage sensitivity           | 300 mA                          |
| Earth-leakage protection time delay | Instantaneous                   |
| Earth-leakage protection class      | Type A-SI (Super Immunised)     |

### Complementary

|  |   |
|--|---|
| Device location in system              | Outgoer   |
| Network frequency                      | 50 Hz   |
| [Ue] rated operational voltage         | 230 V AC 50 Hz phase to neutral   |
| Residual current tripping technology   | Voltage independent   |
| [Ui] rated insulation voltage          | 440 V AC 50 Hz conforming to EN/IEC 61009-1   |
| [Uimp] rated impulse withstand voltage | 4 kV conforming to EN/IEC 61009-1   |
| Local signalling                       | ON/OFF indication   |
| Mounting mode                          | Clip-on   |
| Mounting support                       | DIN rail  |
| Electrical connection to mcb           | By screws   |
| 9 mm pitches                           | 2   |
| Height                                 | 81 mm   |
| Width                                  | 18 mm   |
| Depth                                  | 69 mm   |
| Net weight                             | 90 g  |
| Colour                                 | White   |
| Mechanical durability                  | 20000 cycles  |
| Electrical durability                  | 10000 cycles  |
| Connections - terminals                | Cable downstream 0.75...16 mm <sup>2</sup> rigid<br>Cable downstream 0.33...10 mm <sup>2</sup> flexible |
| Wire stripping length                  | 13 mm   |
| Tightening torque                      | 2 N.m   |

### Environment

|                                       |                                    |
|---------------------------------------|------------------------------------|
| Standards                             | EN/IEC 61009-1<br>EN/IEC 61009-2-1 |
| IP degree of protection               | IP20 conforming to IEC 60529       |
| Pollution degree                      | 3 conforming to EN/IEC 61009-1     |
| Tropicalisation                       | 2 conforming to IEC 60068-1        |
| Relative humidity                     | 95 % at 55 °C                      |
| Operating altitude                    | 2000 m                             |
| Ambient air temperature for operation | -25...60 °C                        |
| Ambient air temperature for storage   | -40...60 °C                        |

## Packing Units

|                              |          |
|------------------------------|----------|
| Unit Type of Package 1       | PCE      |
| Number of Units in Package 1 | 1        |
| Package 1 Weight             | 105 g    |
| Package 1 Height             | 4.4 cm   |
| Package 1 width              | 8.3 cm   |
| Package 1 Length             | 11.4 cm  |
| Unit Type of Package 2       | BB1      |
| Number of Units in Package 2 | 6        |
| Package 2 Weight             | 664 g    |
| Package 2 Height             | 12 cm    |
| Package 2 width              | 9 cm     |
| Package 2 Length             | 26 cm    |
| Unit Type of Package 3       | S03      |
| Number of Units in Package 3 | 54       |
| Package 3 Weight             | 6.463 kg |
| Package 3 Height             | 30 cm    |
| Package 3 width              | 30 cm    |
| Package 3 Length             | 40 cm    |

## Offer Sustainability

|                            |   |
|----------------------------|---|
| Sustainable offer status   | Green Premium product   |
| EU RoHS Directive          | Compliant <a href="#">EU RoHS Declaration</a>   |
| Mercury free               | Yes   |
| RoHS exemption information | <a href="#">Yes</a>   |
| China RoHS Regulation      | <a href="#">China RoHS Declaration</a>  |
| Environmental Disclosure   | <a href="#">Product Environmental Profile</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 |
|----------|-----------|