



### Main

|                                     |   |
|-------------------------------------|---|
| Range                               | Acti 9  |
| Product name                        | Acti 9 iDPN Vigi  |
| Product or component type           | Residual current breaker with overcurrent protection (RCBO)       |
| Device short name                   | IDPN N Vigi   |
| Device application                  | Distribution  |
| Poles description                   | 1P + N  |
| Number of protected poles           | 1   |
| Neutral position                    | Left  |
| [In] rated current                  | 16 A  |
| Network type                        | AC  |
| Trip unit technology                | Thermal-magnetic  |
| Curve code                          | B   |
| Earth-leakage sensitivity           | 300 mA  |
| Earth-leakage protection time delay | Instantaneous   |
| Earth-leakage protection class      | Type A  |
| Breaking capacity                   | 6000 A Icn at 220...240 V AC 50 Hz conforming to EN/IEC 61009-2-1 |
| Suitability for isolation           | Yes conforming to EN/IEC 60947-2                                  |

### Complementary

|  |   |
|--|---|
| Device location in system                        | Outgoer   |
| Network frequency                                | 50 Hz   |
| [Ue] rated operational voltage                   | 220...240 V AC 50 Hz  |
| Magnetic tripping limit                          | 3...5 x In  |
| Residual current tripping technology             | Voltage independent   |
| [Ics] rated service breaking capacity            | 6000 A 100 % x Icn at 220...240 V AC 50 Hz conforming to EN/IEC 61009-2-1 |
| Rated breaking and making capacity               | Idm 6000 A at 220...240 V AC 50 Hz conforming to EN/IEC 61009-2-1         |
| Limitation class                                 | 3 conforming to EN/IEC 61009-2-1  |
| [Ui] rated insulation voltage                    | 400 V AC 50 Hz  |
| [Uimp] rated impulse withstand voltage           | 4 kV  |
| Contact position indicator                       | Yes   |
| Control type                                     | Toggle  |
| Local signalling                                 | ON, OFF, fault trip   |
| Mounting mode                                    | Clip-on   |
| Mounting support                                 | DIN rail  |
| Comb busbar and distribution block compatibility | Top or bottom: YES  |
| 9 mm pitches                                     | 4   |
| Height   | 85 mm   |
| Width  | 36 mm   |
| Depth  | 73 mm   |
| Net weight                                       | 125 g   |
| Colour   | White   |
| Mechanical durability                            | 20000 cycles  |
| Electrical durability                            | 20000 cycles  |

|                             |   |
|-----------------------------|---|
| Locking options description | Padlocking device   |
| Connections - terminals     | Single terminal top or bottom 1...16 mm <sup>2</sup> rigid<br>Single terminal top or bottom 1...10 mm <sup>2</sup> flexible<br>Single terminal top or bottom 1...10 mm <sup>2</sup> flexible with ferrule |
| Wire stripping length       | 15 mm for top or bottom connection  |
| Tightening torque           | 2 N.m top or bottom   |
| Earth-leakage protection    | Integrated  |

## Environment

|                                       |  |
|---------------------------------------|--|
| Standards                             | EN/IEC 61009-2-1   |
| Product certifications                | VDE<br>KEMA  |
| IP degree of protection               | IP20 conforming to IEC 60529<br>IP40 (modular enclosure) conforming to IEC 60529 |
| Pollution degree                      | 3  |
| Overvoltage category                  | III conforming to IEC 60364  |
| Electromagnetic compatibility         | 8/20 µs impulse withstand, 250 A conforming to EN/IEC 61009-2-1                  |
| Tropicalisation                       | 2 conforming to IEC 60068-1  |
| Relative humidity                     | 95 % at 55 °C  |
| Ambient air temperature for operation | -25...60 °C  |
| Ambient air temperature for storage   | -40...85 °C  |

## Packing Units

|                  |          |
|------------------|----------|
| Package 1 Weight | 0.200 kg |
| Package 1 Height | 0.950 dm |
| Package 1 width  | 0.360 dm |
| Package 1 Length | 0.780 dm |

## Offer Sustainability

|                             |   |
|-----------------------------|---|
| Sustainable offer status    | Green Premium product   |
| REACH Regulation            | <a href="#">REACH Declaration</a>   |
| 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 |
| Halogen content performance | Halogen free plastic parts product  |

## Contractual warranty

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