



### Hoofd

|                                     |                                                                   |
|-------------------------------------|-------------------------------------------------------------------|
| Range                               | Acti 9                                                            |
| Product name                        | Acti 9 iDPN Vigi                                                  |
| Product or component type           | Aardlekschakelaar met overstroombeveiliging                       |
| Device short name                   | iDPN H Vigi                                                       |
| Device application                  | Distributie                                                       |
| Poles description                   | 1P + N                                                            |
| Number of protected poles           | 1                                                                 |
| Neutral position                    | Links                                                             |
| [In] rated current                  | 20 A                                                              |
| Network type                        | AC                                                                |
| Trip unit technology                | Thermisch-magnetisch                                              |
| Curve code                          | C                                                                 |
| Aardlekgevoeligheid                 | 30 mA                                                             |
| Tijdvertraging differentieelfunctie | Onmiddellijk                                                      |
| Klasse differentieelfunctie         | Type A                                                            |
| Breaking capacity                   | 10000 A Icn bij 230...240 V AC 50 Hz conform aan EN/IEC 61009-2-1 |
| Suitability for isolation           | Ja conform aan EN/IEC 60947-2                                     |

### Complementair

|                                                  |                                                                         |
|--------------------------------------------------|-------------------------------------------------------------------------|
| Complementair                                    | Vertrekker                                                              |
| Network frequency                                | 50 Hz                                                                   |
| [Ue] rated operational voltage                   | 230...240 V AC 50 Hz                                                    |
| Magnetic tripping limit                          | 5...10 x In                                                             |
| Technologie uitschakeling differentiël           | Spanningsonafhankelijk                                                  |
| [Ics] rated service breaking capacity            | 7500 A 75 % x Icn bij 230...240 V AC 50 Hz conform aan EN/IEC 61009-2-1 |
| Nominaal uitschakel- en inschakelvermogen        | Idm 6000 A bij 230...240 V AC 50 Hz conform aan EN/IEC 61009-2-1        |
| Limitation class                                 | 3 conform aan EN/IEC 61009-2-1                                          |
| [Ui] rated insulation voltage                    | 400 V AC 50 Hz                                                          |
| [Uimp] rated impulse withstand voltage           | 4 kV                                                                    |
| Contact position indicator                       | Ja                                                                      |
| Control type                                     | Omschakelen                                                             |
| Local signalling                                 | AAN, UIT, uitschakelingsfout                                            |
| Mounting mode                                    | Clip-on                                                                 |
| Mounting support                                 | DIN-rail                                                                |
| Comb busbar and distribution block compatibility | Boven- of onderkant: JA                                                 |
| Connection pitch                                 | 9 mm tussen fase en nul                                                 |
| Aantal modules van 9 mm                          | 4                                                                       |
| Height                                           | 85 mm                                                                   |
| Width                                            | 36 mm                                                                   |
| Depth                                            | 73 mm                                                                   |
| Net weight                                       | 125 g                                                                   |
| Colour                                           | Wit                                                                     |
| Mechanical durability                            | 20000 cycles                                                            |

|                             |                                                                                                                                                                                                                               |
|-----------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Electrical durability       | 20000 cycles                                                                                                                                                                                                                  |
| Locking options description | Vergrendelingsapparaat                                                                                                                                                                                                        |
| Connections - terminals     | Enkelvoudige klem boven- of onderkant1...16 mm <sup>2</sup> stijf<br>Enkelvoudige klem boven- of onderkant1...10 mm <sup>2</sup> flexibel<br>Enkelvoudige klem boven- of onderkant1...10 mm <sup>2</sup> flexibel met kopring |
| Wire stripping length       | 15 mm for boven- of onderkant connection                                                                                                                                                                                      |
| Tightening torque           | 2 N.m boven- of onderkant                                                                                                                                                                                                     |
| Earth-leakage protection    | Ingebouwd                                                                                                                                                                                                                     |

## Omgeving

|                                       |                                                                                    |
|---------------------------------------|------------------------------------------------------------------------------------|
| Standards                             | EN/IEC 61009-2-1                                                                   |
| Product certifications                | VDE                                                                                |
| IP-beschermingsgraad                  | IP20 conforming to IEC 60529<br>IP40 (modulaire behuizing) conforming to IEC 60529 |
| Pollution degree                      | 3                                                                                  |
| Overvoltage category                  | III conform aan IEC 60364                                                          |
| Elektromagnetische compatibiliteit    | 8/ 20 µs impulsweerstand, 250 A conform aan EN/IEC 61009-2-1                       |
| Tropicalisation                       | 2 conform aan IEC 60068-1                                                          |
| Relative humidity                     | 95 % bij 55 °C                                                                     |
| Ambient air temperature for operation | -25...60 °C                                                                        |
| Ambient air temperature for storage   | -40...85 °C                                                                        |

## Verpakkingseenheid

|                              |            |
|------------------------------|------------|
| Unit Type of Package 1       | PCE        |
| Number of Units in Package 1 | 1          |
| Package 1 Height             | 4,0 cm     |
| Package 1 Width              | 8,5 cm     |
| Package 1 Length             | 10,0 cm    |
| Package 1 Weight             | 220 g      |
| Unit Type of Package 2       | S03        |
| Number of Units in Package 2 | 54         |
| Package 2 Height             | 30,0 cm    |
| Package 2 Width              | 30,0 cm    |
| Package 2 Length             | 40,0 cm    |
| Package 2 Weight             | 12,321 kg  |
| Unit Type of Package 3       | P12        |
| Number of Units in Package 3 | 432        |
| Package 3 Height             | 44,4 cm    |
| Package 3 Width              | 80 cm      |
| Package 3 Length             | 120 cm     |
| Package 3 Weight             | 110,568 kg |

## Duurzaamheid van het aanbod

|                                   |                                                                                                                                                                 |
|-----------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------|
| REACH-regelgeving                 |  <a href="#">REACH-verklaring</a>                                            |
| EU-richtlijn RoHS                 | Voldoet aan vrijstellingen                                                                                                                                      |
| Kwivrij                           | Ja                                                                                                                                                              |
| RoHS-regulering China             |  <a href="#">RoHS-verklaring China</a>                                       |
| Informatie over RoHS-vrijstelling |  Ja                                                                          |
| WEEE                              | Het product moet op markten van de Europese Unie worden afgevoerd volgens specifieke afvalinzamelingsregels en mag nooit in een gewone vuilnisbak terechtkomen. |
| Aanwezigheid van halogeen         | Product met halogeenvrije kunststof onderdelen                                                                                                                  |

## contractuele waarborg

|          |           |
|----------|-----------|
| Garantie | 18 months |
|----------|-----------|