

# Product datasheet

Specifications



## Acti 9 - earth leakage circuit breaker - DPN N Vigi - 1P + N - 32A - 30mA

A9N19668

### Main

|                                     |                                               |
|-------------------------------------|-----------------------------------------------|
| Circuit breaker application         | Distribution                                  |
| Range                               | Acti9                                         |
| Product or component type           | Earth leakage circuit breaker                 |
| Product name                        | DPN Vigi                                      |
| Device short name                   | DPN N Vigi                                    |
| Poles description                   | 1P + N                                        |
| Neutral position                    | Left                                          |
| Number of protected poles           | 1                                             |
| [In] rated current                  | 32 A at 30 °C                                 |
| Network type                        | AC                                            |
| Trip unit technology                | Thermal-magnetic                              |
| Curve code                          | C                                             |
| Earth-leakage sensitivity           | 30 mA                                         |
| Earth-leakage protection time delay | Instantaneous                                 |
| Type                                | Type AC                                       |
| Breaking capacity                   | 6000 A Icn at 230 V AC conforming to EN 61009 |

### Complementary

|                                        |                                                    |
|----------------------------------------|----------------------------------------------------|
| Device location in system              | Outgoer                                            |
| [Ue] rated operational voltage         | 230 V AC                                           |
| Magnetic tripping limit                | 5...10 x In                                        |
| Residual current tripping technology   | Voltage independent                                |
| [Ics] rated service breaking capacity  | 6000 A at 230 V AC 50/60 Hz conforming to EN 61009 |
| Limitation class                       | 3 conforming to EN 61009                           |
| [Ui] rated insulation voltage          | 400 V AC conforming to EN 61009                    |
| [Uimp] rated impulse withstand voltage | 4 kV conforming to EN 61009                        |
| Contact position indicator             | Yes                                                |

|                          |                                                                                                 |
|--------------------------|-------------------------------------------------------------------------------------------------|
| Control type             | Toggle                                                                                          |
| Local signalling         | ON/OFF indication                                                                               |
| Mounting support         | DIN rail                                                                                        |
| 9 mm pitches             | 4                                                                                               |
| Net weight               | 0.19 kg                                                                                         |
| Colour                   | White                                                                                           |
| Mechanical durability    | 20000 cycles                                                                                    |
| Electrical durability    | 10000 cycles conforming to IEC 61009                                                            |
| Connections - terminals  | Tunnel type terminals1 cable(s) 10 mm² flexible<br>Tunnel type terminals1 cable(s) 16 mm² rigid |
| Earth-leakage protection | Integrated                                                                                      |

## Environment

|                                       |                                    |
|---------------------------------------|------------------------------------|
| Standards                             | EN/IEC 61009-2-1<br>EN/IEC 61009-1 |
| Pollution degree                      | 3 conforming to EN 61009           |
| Overvoltage category                  | III                                |
| Tropicalisation                       | 2 conforming to EN 61009           |
| Relative humidity                     | 95 % at 55 °C                      |
| Operating altitude                    | 2000 m                             |
| Ambient air temperature for operation | -5...60 °C                         |
| Ambient air temperature for storage   | -40...60 °C                        |

## Packing Units

|                              |            |
|------------------------------|------------|
| Unit Type of Package 1       | Db         |
| Number of Units in Package 1 | 1          |
| Package 1 Height             | 8.5 cm     |
| Package 1 Width              | 4 cm       |
| Package 1 Length             | 10 cm      |
| Package 1 Weight             | 215 g      |
| Unit Type of Package 2       | Doboz      |
| 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             | 12.051 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             | 108.408 kg |

Offer Sustainability

|                             |                                                                                                                             |
|-----------------------------|-----------------------------------------------------------------------------------------------------------------------------|
| Sustainable offer status    | Green Premium product                                                                                                       |
| REACH Regulation            | <a href="#">REACH Declaration</a>                                                                                           |
| EU RoHS Directive           | Compliant<br><a href="#">EU RoHS Declaration</a>                                                                            |
| Mercury free                | Yes                                                                                                                         |
| China RoHS Regulation       | <a href="#">China RoHS declaration</a><br>Product out of China RoHS scope. Substance declaration for your information       |
| RoHS exemption information  | <a href="#">Yes</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 |
|----------|-----------|

Recommended replacement(s)