

# Product datasheet

Specifications



## Acti9 - earth leakage circuit breaker - DPN N Vigi - 1P + N - 10A - 30mA

A9N19663

⚠ Discontinued

### 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                  | 10 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                                           |

Excluding VAT and subject to change. Please check with your local distributor through "Where to buy"

|                          |                                                                                                                         |
|--------------------------|-------------------------------------------------------------------------------------------------------------------------|
| 9 mm pitches             | 4                                                                                                                       |
| Net weight               | 0.19 kg                                                                                                                 |
| Colour                   | White                                                                                                                   |
| Mechanical durability    | 20000 cycles                                                                                                            |
| Electrical durability    | 20000 cycles conforming to IEC 61009                                                                                    |
| Connections - terminals  | Tunnel type terminals1 cable(s) 10 mm <sup>2</sup> flexible<br>Tunnel type terminals1 cable(s) 16 mm <sup>2</sup> rigid |
| Earth-leakage protection | Integrated                                                                                                              |

## Environment

|                                       |                                    |
|---------------------------------------|------------------------------------|
| Standards                             | EN/IEC 61009-1<br>EN/IEC 61009-2-1 |
| 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       | PCE       |
| Number of Units in Package 1 | 1         |
| Package 1 Height             | 8.500 cm  |
| Package 1 Width              | 4.000 cm  |
| Package 1 Length             | 10.000 cm |
| Package 1 Weight             | 201.000 g |
| Unit Type of Package 2       | BB1       |
| Number of Units in Package 2 | 6         |
| Package 2 Height             | 9.000 cm  |
| Package 2 Width              | 11.000 cm |
| Package 2 Length             | 25.500 cm |
| Package 2 Weight             | 1.273 kg  |
| Unit Type of Package 3       | S03       |
| Number of Units in Package 3 | 54        |
| Package 3 Height             | 30.000 cm |
| Package 3 Width              | 30.000 cm |
| Package 3 Length             | 40.000 cm |
| Package 3 Weight             | 11.882 kg |

## Contractual warranty

|                      |    |
|----------------------|----|
| Warranty (in months) | 18 |
|----------------------|----|



## Environmental Data

Schneider Electric aims to achieve Net Zero status by 2050 through supply chain partnerships, lower impact materials, and circularity via our ongoing “Use Better, Use Longer, Use Again” campaign to extend product lifetimes and recyclability.

[Environmental Data explained >](#)

[How we assess product sustainability >](#)



### Environmental footprint

|                                                        |                |
|--------------------------------------------------------|----------------|
| Total lifecycle Carbon footprint                       | 3 kg CO2 eq.   |
| Carbon footprint of the manufacturing phase [A1 to A3] | 2 kg CO2 eq.   |
| Carbon footprint of the distribution phase [A4]        | 0.1 kg CO2 eq. |
| Carbon footprint of the installation phase [A5]        | 0.1 kg CO2 eq. |
| Carbon footprint of the use phase [B2, B3, B4, B6]     | 1 kg CO2 eq.   |
| Carbon footprint of the end-of-life phase [C1 to C4]   | 0.4 kg CO2 eq. |

## Use Better



### Materials and Substances

|                                        |                                      |
|----------------------------------------|--------------------------------------|
| Packaging made with recycled cardboard | No                                   |
| Packaging without single use plastic   | Yes                                  |
| <a href="#">EU RoHS Directive</a>      | Compliant with Exemptions            |
| SCIP Number                            | E30d8de5-e712-4620-931e-4a4cf9525d5a |
| REACH Regulation                       | <a href="#">REACH Declaration</a>    |

## Use Longer



### Lifetime extension

|        |    |
|--------|----|
| Repair | No |
|--------|----|

## Use Again



### Repack and remanufacture

|                                 |                                         |
|---------------------------------|-----------------------------------------|
| Recyclability potential, in %   | 50                                      |
| End of life manual availability | <a href="#">End of Life Information</a> |
| Take-back                       | No                                      |