

# Product datasheet

Specifications



residual current breaker with overcurrent protection (RCBO), Acti9 DPN N Vigi, 1P+N, 25A, 300mA, AC type, 6000A

A9N19687

! 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                  | 25 A at 30 °C                                 |
| Network type                        | AC  |
| Trip unit technology                | Thermal-magnetic                              |
| Curve code                          | C   |
| Earth-leakage sensitivity           | 300 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   |
| Product 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 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 61009-2-1<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       | 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             | 196.000 g |
| Unit Type of Package 2       | BB1       |
| Number of Units in Package 2 | 6         |
| Package 2 Height             | 9.500 cm  |
| Package 2 Width              | 10.000 cm |
| Package 2 Length             | 25.500 cm |
| Package 2 Weight             | 1.264 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             | 11.863 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                       | 26 kg CO2 eq.                                 |
| Carbon footprint of the manufacturing phase [A1 to A3] | 1 kg CO2 eq.                                  |
| Carbon footprint of the distribution phase [A4]        | 0 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]     | 24 kg CO2 eq.                                 |
| Carbon footprint of the end-of-life phase [C1 to C4]   | 0.5 kg CO2 eq.                                |
| Environmental Disclosure                               | <a href="#">Product Environmental Profile</a> |

## Use Better



### Materials and Substances

|  |  |
|--|--|
| Packaging made with recycled cardboard | No   |
| Packaging without single use plastic   | Yes  |
| SCIP Number                            | E30d8de5-e712-4620-931e-4a4cf9525d5a   |
| EU RoHS Directive                      | <a href="#">Compliant By Exemption</a>   |
| REACH Regulation                       | <a href="#">Reference contains Substances of Very High Concern above the threshold</a> |

## Use Longer



### Lifetime extension

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

## Use Again



### Repack and remanufacture

|                                 |   |
|---------------------------------|---|
| Recyclability potential, in %   | 47                                      |
| End of life manual availability | <a href="#">End of Life Information</a> |
| Take-back                       | No                                      |