

# Product datasheet

Specifications



## DPN - earth leakage circuit breaker - DPN N Vigi - 1P + N - 16A - 30mA

19665

⚠ Discontinued on: 21 Sept 2018

⚠ Discontinued

### Main

|                                     |                                                                                              |
|-------------------------------------|----------------------------------------------------------------------------------------------|
| Circuit breaker application         | Distribution                                                                                 |
| Range                               | Multi9                                                                                       |
| 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                                                                                         |
| [In] rated current                  | 16 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 240 V AC conforming to EN 60898<br>6 kA Icn at 240 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                                                                                     |
| 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                                                                                         |
| Mechanical durability          | 20000 cycles                                                                                    |
| Electrical durability          | 20000 cycles conforming to IEC 61009                                                            |
| Connections - terminals        | Tunnel type terminals1 cable(s) 10 mm² flexible<br>Tunnel type terminals1 cable(s) 16 mm² rigid |

Disclaimer: This documentation is not intended as a substitute for and is not to be used for determining suitability or reliability of these products for specific user applications

|                          |            |
|--------------------------|------------|
| Earth-leakage protection | Integrated |
|--------------------------|------------|

## Environment

|                   |                      |
|-------------------|----------------------|
| Standards         | EN 61009<br>EN 60898 |
| Tropicalisation   | 2                    |
| Relative humidity | 95 % at 55 °C        |

## Packing Units

|                              |          |
|------------------------------|----------|
| Unit Type of Package 1       | PCE      |
| Number of Units in Package 1 | 1        |
| Package 1 Height             | 8.5 cm   |
| Package 1 Width              | 4 cm     |
| Package 1 Length             | 9 cm     |
| Package 1 Weight             | 0.213 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 >](#)

### Use Longer

| Lifetime extension |    |
|--------------------|----|
| Repair             | No |

### Use Again

| Repack and remanufacture |                                                                                                                                                                                                               |
|--------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| WEEE Label               |  The product must be disposed on European Union markets following specific waste collection and never end up in rubbish bins |