

Product datasheet

Specifications



Acti9 DPN N Vigi - RCBO - 3P+N - 20A - B Curve - 6000A - 30mA - type AC

A9D55720

⚠ Discontinued on: 30 Dec 2021

⚠ Discontinued

Main

| | |
|---------------------------|---|
| Range | Acti9 |
| Product name | Acti9 DPN Vigi |
| Product or component type | Residual current breaker with overcurrent protection (RCBO) |
| Device short name | DPN N Vigi |
| Device application | Distribution |
| Poles description | 3P + N |
| Number of protected poles | 3 |
| Neutral position | Left |
| [In] rated current | 20 A |
| Network type | AC |
| Network frequency | 50/60 Hz |
| Trip unit technology | Thermal-magnetic |
| Curve code | B |
| Earth-leakage sensitivity | 30 mA |
| Suitability for isolation | Yes conforming to EN/IEC 60947-2 |

Complementary

| | |
|--|--|
| Device location in system | Outgoer |
| [Ue] rated operational voltage | 380...415 V AC 50/60 Hz |
| Magnetic tripping limit | 3...5 x In |
| Residual current tripping technology | Voltage independent |
| Earth-leakage protection time delay | Instantaneous |
| Earth-leakage protection class | Type AC |
| Breaking capacity | 6000 A Icn at 380...415 V AC 50/60 Hz conforming to EN/IEC 61009-2-1 |
| [Ics] rated service breaking capacity | 6000 A 100 % x Icn at 380...415 V AC 50/60 Hz conforming to EN/IEC 61009-2-1 |
| Rated breaking and making capacity | I _{dm} 6000 A at 380...415 V AC 50/60 Hz conforming to EN/IEC 61009-2-1 |
| Limitation class | 3 conforming to EN/IEC 61009-2-1 |
| [Ui] rated insulation voltage | 440 V AC 50/60 Hz |
| [Uimp] rated impulse withstand voltage | 4 kV |
| Contact position indicator | Yes |

| | |
|---|---|
| Control type | Toggle |
| Local signalling | ON, OFF, fault trip |
| Mounting mode | Clip-on |
| Mounting support | DIN rail |
| Comb busbar and distribution block compatibility | Top or bottom: YES |
| Connection pitch | 18 mm between phases 9 mm between phase and neutral |
| 9 mm pitches | 10 |
| Height | 91 mm |
| Width | 90 mm |
| Depth | 78.5 mm |
| Net weight | 498 g |
| Colour | White |
| Mechanical durability | 20000 cycles |
| Electrical durability | 20000 cycles |
| Locking options description | Padlocking device Sealable |
| Connections - terminals | Tunnel type terminal top or bottom 0.75...16 mm ² rigid Tunnel type terminal top or bottom 0.33...10 mm ² flexible Tunnel type terminal top or bottom 0.33...10 mm ² flexible with ferrule |
| Wire stripping length | 15 mm for top or bottom connection |
| Tightening torque | 2 N.m top or bottom |
| Earth-leakage protection | Integrated |

Environment

| | |
|--|--|
| Standards | EN/IEC 61009-2-1 |
| IP degree of protection | IP20 conforming to IEC 60529 IP40 (modular enclosure) conforming to IEC 60529 |
| Pollution degree | 3 |
| Overvoltage category | III conforming to IEC 60364 |
| Electromagnetic compatibility | 8/20 µs impulse withstand, 250 A conforming to EN/IEC 61009-2-1 |
| Tropicalisation | 2 conforming to IEC 60068-1 |
| Relative humidity | 90 % at 55 °C |
| Ambient air temperature for operation | -5...60 °C |
| Ambient air temperature for storage | -30...70 °C |

Packing Units

| | |
|-------------------------------------|---------|
| Unit Type of Package 1 | PCE |
| Number of Units in Package 1 | 1 |
| Package 1 Height | 8.9 cm |
| Package 1 Width | 11.3 cm |
| Package 1 Length | 16.2 cm |
| Package 1 Weight | 583 g |

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 Better



Materials and Substances

Packaging made with recycled cardboard

Yes

SCIP Number

B078722f-7853-4e1e-a05b-29638f57b0ab

Halogen-free status

Halogen free plastic parts & cables product

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