

Product data sheet

Specifications



residual current breaker with overcurrent protection (RCBO), Acti9 DPN N Vigi, 1P+N, 16A, 30mA, AC type, 6000A

A9N19665

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 | 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 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 |

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|---------------------------------|-------------------------------------------------------------------------------------------------------------------------|
| 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 | 20000 cycles conforming to IEC 61009 |
| Connections - terminals | Tunnel type terminals1 cable(s) 10 mm ² flexible Tunnel type terminals1 cable(s) 16 mm ² rigid |
| Earth-leakage protection | Integrated |

Environment

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|----------------------------------------------|------------------------------------|
| Standards | EN/IEC 61009-2-1 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 | 4 cm |
| Package 1 Width | 8.3 cm |
| Package 1 Length | 10 cm |
| Package 1 Weight | 201 g |
| Unit Type of Package 2 | S03 |
| 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 | 11.295 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 | 102.360 kg |

Offer Sustainability

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|------------------------------------|-----------------------------------------------------------------------------------------------------------------------------|
| Sustainable offer status | Green Premium product |
| REACH Regulation | REACH Declaration |
| EU RoHS Directive | Compliant EU RoHS Declaration |
| Mercury free | Yes |
| RoHS exemption information | Yes |
| China RoHS Regulation | China RoHS declaration Product out of China RoHS scope. Substance declaration for your information |
| Environmental Disclosure | Product Environmental Profile |
| 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

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|-----------------|-----------|
| Warranty | 18 months |
|-----------------|-----------|

Recommended replacement(s)