



Main

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|---------------------------|---|
| Range | Acti 9 |
| Product or component type | Residual current breaker with overcurrent protection (RCBO) |
| Product name | IDPN Vigi |
| Device short name | IDPN N Vigi |
| Device application | Distribution |
| Poles description | 1P + N |

Complementary

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|---------------------------------------|--|
| Neutral position | Left |
| Number of protected poles | 1 |
| Device location in system | Outgoer |
| [In] rated current | 16 A |
| Network type | AC |
| Network frequency | 50 Hz |
| [Ue] rated operational voltage | 230 V AC 50 Hz |
| Trip unit technology | Thermal-magnetic |
| Curve code | C |
| Magnetic tripping limit | 5...10 x In |
| Residual current tripping technology | Voltage independent |
| Earth-leakage sensitivity | 30 mA |
| Earth-leakage protection time delay | Instantaneous |
| Earth-leakage protection class | Class A |
| Breaking capacity | Icn 6000 A at 230 V AC 50 Hz conforming to EN/IEC 61009-1 Icn 6000 A at 230 V AC 50 Hz conforming to EN/IEC 61009-2-1 |
| [Ics] rated service breaking capacity | 6000 A at 230 V AC 50 Hz conforming to EN/IEC 61009-1 6000 A at 230 V AC 50 Hz conforming to EN/IEC 61009-2-1 |
| Limitation class | 3 conforming to EN/IEC 61009-1 3 conforming to EN/IEC 61009-2-1 |

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

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|--|---|
| [Ui] rated insulation voltage | 400 V AC 50 Hz |
| [Uimp] rated impulse withstand voltage | 4 kV |
| Suitability for isolation | Yes conforming to IEC 60947-1 |
| Contact position indicator | Yes |
| Control type | Toggle |
| Local signalling | ON, OFF, fault trip |
| Mounting support | DIN rail |
| Comb busbar distribution block compatibility | YES top or bottom : |
| Connection pitch | 9 mm between phase and neutral |
| 9 mm pitches | 4 |
| Height | 85 mm |
| Width | 36 mm |
| Depth | 73 mm |
| Product weight | 125 g |
| Colour | White |
| Mechanical durability | 20000 cycles |
| Electrical durability | 20000 cycles |
| Locking options description | Sealable padlock in on or off position |
| Connections - terminals | Single terminal 1...16 mm ² rigid Single terminal 1...10 mm ² flexible with cable end Single terminal 1...10 mm ² flexible without cable end |
| Wire stripping length | 15 mm |
| Tightening torque | 3.5 N.m |
| Earth-leakage protection | Integrated |

Environment

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|---------------------------------------|--|
| Standards | EN/IEC 61009-1 EN/IEC 61009-2-1 |
| Product certifications | VDE RCM KEMA |
| IP degree of protection | IP20 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 61009-1 8/20 µs impulse withstand, 250 A conforming to EN/IEC 61009-2-1 |
| Tropicalisation | 2 conforming to IEC 60068-1 |
| Relative humidity | 95 % (55 °C) |
| Ambient air temperature for operation | -25...60 °C |
| Ambient air temperature for storage | -40...85 °C |

Offer Sustainability

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|----------------------------------|---|
| Sustainable offer status | Green Premium product |
| RoHS (date code: YYWW) | Compliant - since 1214 - Schneider Electric declaration of conformity Schneider Electric declaration of conformity |
| REACH | Reference not containing SVHC above the threshold Reference not containing SVHC above the threshold |
| Product environmental profile | Available Product environmental |
| Product end of life instructions | Need no specific recycling operations |

Contractual warranty

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