

A9D32625

earth leakage circuit breaker iDPN N Vigi - 1P + N - 25A - 30mA class A



Main

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|-------------------------------------|--|
| Device application | Distribution |
| Range | Acti 9 |
| Product or component type | Residual current breaker with overcurrent protection (RCBO) |
| Product name | IDPN Vigi |
| Device short name | IDPN N Vigi |
| Poles description | 1P + N |
| Neutral position | Left |
| Number of protected poles | 1 |
| [In] rated current | 25 A |
| Network type | AC |
| Curve code | C |
| 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 |
| Suitability for isolation | Yes conforming to IEC 60947-1 |

Complementary

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| Device location in system | Outgoer |
| Network frequency | 50 Hz |
| [Ue] rated operational voltage | 230 V AC 50 Hz |
| Trip unit technology | Thermal-magnetic |
| 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 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 |
| [Ui] rated insulation voltage | 400 V AC 50 Hz |
| [Uimp] rated impulse withstand voltage | 4 kV |
| 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 pitches | 4 |
| Height | 85 mm |
| Width | 36 mm |
| Depth | 73 mm |
| Product weight | 125 g |
| Colour | White |

The information provided in this documentation contains general descriptions and/or technical characteristics of the products contained herein. 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. It is the duty of any such user or integrator to perform the appropriate and complete risk analysis, evaluation and testing of the products with respect to the relevant specific application or use thereof. Neither Schneider Electric Industries SAS nor any of its affiliates or subsidiaries shall be responsible or liable for misuse of the information contained herein.

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| Mechanical durability | 20000 cycles |
| Electrical durability | 10000 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 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 |
| REACH | Reference not containing SVHC above the threshold |
| Product environmental profile | Available |
| Product end of life instructions | Need no specific recycling operations |