



Main

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|---------------------------|-----------------------------------------------------------------------------------------------------------|
| Device application | Distribution |
| Range of product | Clario |
| Range | Clario |
| Product name | IDPN |
| Product or component type | Miniature circuit-breaker |
| Device short name | IDPN N |
| Poles description | 1P + N |
| Number of protected poles | 1 |
| Neutral position | Left |
| [In] rated current | 16 A |
| Network type | AC |
| Trip unit technology | Thermal-magnetic |
| Curve code | C |
| Breaking capacity | Icn conforming to EN/IEC 60898-1 - 230 V AC 50/60 Hz Icu conforming to IEC 60947-2 - 230 V AC 50/60 Hz |
| Suitability for isolation | Yes |
| Standards | EN/IEC 60947-2 EN/IEC 60898-1 |

Complementary

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|----------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Network frequency | 50/60 Hz |
| [Ue] rated operational voltage | 230 V AC 50/60 Hz between phase and neutral |
| Magnetic tripping limit | 5...10 x In |
| [Ics] rated service breaking capacity | 7.5 kA at 75 % of breaking cap. conforming to IEC 60947-2 - 230 V AC 50/60 Hz 6000 A at 100 % of breaking cap. conforming to EN/IEC 60898-1 - 230 V AC 50/60 Hz |
| Limitation class | 3 conforming to EN/IEC 60898-1 |
| [Ui] rated insulation voltage | 400 V AC 50/60 Hz conforming to IEC 60947-2 |
| [Uimp] rated impulse withstand voltage | 4 kV conforming to IEC 60947-2 |
| Contact position indicator | Yes |
| Control type | Toggle |
| Local signalling | ON/OFF indication |
| Mounting mode | Clip-on |
| Mounting support | DIN rail |
| Comb busbar distribution block compatibility | Clario |
| 9 mm pitches | 2 |
| Height | 81 mm |
| Width | 18 mm |
| Depth | 78 mm |
| Product weight | 115 g |
| Quantity per set | Set of 12 |
| Colour | White |
| Mechanical durability | 20000 cycles |
| Electrical durability | 20000 cycles |
| Locking options description | Padlocking device |

The information provided in this documentation contains general descriptions and/or technical characteristics of the performance 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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| Connections - terminals | Tunnel type terminals, upstream rigid wire(s) 0.75...16 mm ² max Tunnel type terminals, upstream flexible wire(s) 0.33...10 mm ² max Tunnel type terminals, downstream rigid wire(s) 0.75...16 mm ² max Tunnel type terminals, downstream flexible wire(s) 0.33...10 mm ² max |
| Wire stripping length | 13 mm |
| Tightening torque | 2 N.m |
| Earth-leakage protection | Separate block |
| Type of packing | Blister |

Environment

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|---------------------------------------|------------------------------|
| IP degree of protection | IP20 conforming to IEC 60529 |
| Pollution degree | 3 conforming to IEC 60947-1 |
| Tropicalisation | 2 conforming to IEC 60068-1 |
| Relative humidity | 95 % 55 °C |
| Operating altitude | 2000 m |
| Ambient air temperature for operation | -25...70 °C |
| Ambient air temperature for storage | -40...70 °C |