



### Main

|                           |                                                                                                           |
|---------------------------|-----------------------------------------------------------------------------------------------------------|
| 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        | 10 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<br>Icu conforming to IEC 60947-2 - 230 V AC 50/60 Hz |
| Suitability for isolation | Yes                                                                                                       |
| Standards                 | EN/IEC 60947-2<br>EN/IEC 60898-1                                                                          |

### Complementary

|                                              |                                                                                                                                                                    |
|----------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 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<br>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                                                                                                                                                  |

|                          |                                                                                                                                                                                                                                                                                                                                    |
|--------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Connections - terminals  | Tunnel type terminals, upstream rigid wire(s) 0.75...16 mm <sup>2</sup> max<br>Tunnel type terminals, upstream flexible wire(s) 0.33...10 mm <sup>2</sup> max<br>Tunnel type terminals, downstream rigid wire(s) 0.75...16 mm <sup>2</sup> max<br>Tunnel type terminals, downstream flexible wire(s) 0.33...10 mm <sup>2</sup> max |
| Wire stripping length    | 13 mm                                                                                                                                                                                                                                                                                                                              |
| Tightening torque        | 2 N.m                                                                                                                                                                                                                                                                                                                              |
| Earth-leakage protection | Separate block                                                                                                                                                                                                                                                                                                                     |
| Type of packing          | Blister                                                                                                                                                                                                                                                                                                                            |

## Environment

|                                       |                              |
|---------------------------------------|------------------------------|
| 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                  |

## Offer Sustainability

|                          |                           |
|--------------------------|---------------------------|
| Sustainable offer status | Not Green Premium product |
|--------------------------|---------------------------|