



### Main

|                           |                                                              |
|---------------------------|--------------------------------------------------------------|
| Range of product          | Clario                                                       |
| Range                     | Clario                                                       |
| Product name              | IDPN                                                         |
| Product or component type | Miniature circuit-breaker                                    |
| Device short name         | IDPN N                                                       |
| Device application        | Distribution                                                 |
| Poles description         | 3P                                                           |
| Number of protected poles | 3                                                            |
| [In] rated current        | 13 A                                                         |
| Network type              | AC                                                           |
| Trip unit technology      | Thermal-magnetic                                             |
| Curve code                | D                                                            |
| Breaking capacity         | 6000 A Icn at 400 V AC 50/60 Hz conforming to EN/IEC 60898-1 |
| Suitability for isolation | Yes                                                          |

### Complementary

|                                        |                                                                                                                                                                                                                                |
|----------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Network frequency                      | 50/60 Hz                                                                                                                                                                                                                       |
| [Ue] rated operational voltage         | 400 V AC 50/60 Hz between phases                                                                                                                                                                                               |
| Magnetic tripping limit                | 10...14 x In                                                                                                                                                                                                                   |
| [Ics] rated service breaking capacity  | 6000 A 100 % x Icn at 230 V AC 50/60 Hz conforming to EN/IEC 60898-1                                                                                                                                                           |
| Limitation class                       | 3 conforming to EN/IEC 60898-1                                                                                                                                                                                                 |
| [Ui] rated insulation voltage          | 440 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                                                                                                                                                                                                                       |
| 9 mm pitches                           | 6                                                                                                                                                                                                                              |
| Height                                 | 81 mm                                                                                                                                                                                                                          |
| Width                                  | 54 mm                                                                                                                                                                                                                          |
| Depth                                  | 78 mm                                                                                                                                                                                                                          |
| Net weight                             | 310 g                                                                                                                                                                                                                          |
| Colour                                 | White                                                                                                                                                                                                                          |
| Mechanical durability                  | 20000 cycles                                                                                                                                                                                                                   |
| Electrical durability                  | 20000 cycles                                                                                                                                                                                                                   |
| Locking options description            | Padlocking device                                                                                                                                                                                                              |
| Connections - terminals                | Tunnel type terminals downstream 0.33...10 mm² flexible<br>Tunnel type terminals downstream 0.75...16 mm² rigid<br>Tunnel type terminals upstream 0.33...10 mm² flexible<br>Tunnel type terminals upstream 0.75...16 mm² rigid |
| Wire stripping length                  | 13 mm                                                                                                                                                                                                                          |
| Tightening torque                      | 2 N.m                                                                                                                                                                                                                          |
| Earth-leakage protection               | Separate block                                                                                                                                                                                                                 |

## Environment

|                                       |                              |
|---------------------------------------|------------------------------|
| Standards                             | EN/IEC 60898-1               |
| 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 % at 55 °C                |
| Operating altitude                    | 2000 m                       |
| Ambient air temperature for operation | -25...70 °C                  |
| Ambient air temperature for storage   | -40...70 °C                  |

## Packing Units

|                              |        |
|------------------------------|--------|
| Unit Type of Package 1       | PCE    |
| Number of Units in Package 1 | 1      |
| Package 1 Weight             | 310 g  |
| Package 1 Height             | 5.4 cm |
| Package 1 width              | 7.5 cm |
| Package 1 Length             | 9 cm   |

## Offer Sustainability

|                             |                                                                                                                                   |
|-----------------------------|-----------------------------------------------------------------------------------------------------------------------------------|
| Sustainable offer status    | Green Premium product                                                                                                             |
| REACH Regulation            |  <a href="#">REACH Declaration</a>               |
| EU RoHS Directive           | Compliant  <a href="#">EU RoHS Declaration</a>   |
| Mercury free                | Yes                                                                                                                               |
| RoHS exemption information  |  <a href="#">Yes</a>                           |
| China RoHS Regulation       |  <a href="#">China RoHS Declaration</a>        |
| Environmental Disclosure    |  <a href="#">Product Environmental Profile</a> |
| 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 product                                                                                                              |

## Contractual warranty

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