



### Main

|                           |                                                                                                                                                                                                                                                                                                                                                                                         |
|---------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Range                     | Acti 9                                                                                                                                                                                                                                                                                                                                                                                  |
| Product name              | Disbo iC60                                                                                                                                                                                                                                                                                                                                                                              |
| Product or component type | Miniature circuit-breaker                                                                                                                                                                                                                                                                                                                                                               |
| Device short name         | IC60N                                                                                                                                                                                                                                                                                                                                                                                   |
| Poles description         | 1P                                                                                                                                                                                                                                                                                                                                                                                      |
| Number of protected poles | 1                                                                                                                                                                                                                                                                                                                                                                                       |
| [In] rated current        | 2 A                                                                                                                                                                                                                                                                                                                                                                                     |
| Network type              | AC                                                                                                                                                                                                                                                                                                                                                                                      |
| Trip unit technology      | Thermal-magnetic                                                                                                                                                                                                                                                                                                                                                                        |
| Curve code                | C                                                                                                                                                                                                                                                                                                                                                                                       |
| Breaking capacity         | 50 kA Icu at 12...60 V AC 50/60 Hz conforming to EN/IEC 60947-2<br>50 kA Icu at 100...133 V AC 50/60 Hz conforming to EN/IEC 60947-2<br>50 kA Icu at 220...240 V AC 50/60 Hz conforming to EN/IEC 60947-2<br>15 kA Icu at 12...48 V DC conforming to EN/IEC 60947-2<br>6 kA Icu at 72 V DC conforming to EN/IEC 60947-2<br>6000 A Icn at 240 V AC 50/60 Hz conforming to EN/IEC 60898-1 |
| Utilisation category      | Category A conforming to EN/IEC 60947-2                                                                                                                                                                                                                                                                                                                                                 |

### Complementary

|                                       |                                                                                                                                                                                                                                                                                                                                                                                               |
|---------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Network frequency                     | 50/60 Hz                                                                                                                                                                                                                                                                                                                                                                                      |
| [Ue] rated operational voltage        | 240 V AC 50/60 Hz                                                                                                                                                                                                                                                                                                                                                                             |
| Magnetic tripping limit               | 8 x In +/- 20 %                                                                                                                                                                                                                                                                                                                                                                               |
| [Ics] rated service breaking capacity | 50 kA 100 % conforming to EN/IEC 60947-2 - 12...60 V AC 50/60 Hz<br>50 kA 100 % conforming to EN/IEC 60947-2 - 100...133 V AC 50/60 Hz<br>50 kA 100 % conforming to EN/IEC 60947-2 - 220...240 V AC 50/60 Hz<br>6000 A 100 % conforming to EN/IEC 60898-1 - 240 V AC 50/60 Hz<br>15 kA 100 % conforming to EN/IEC 60947-2 - 12...48 V DC<br>6 kA 100 % conforming to EN/IEC 60947-2 - 72 V DC |
| Limitation class                      | 3 conforming to EN/IEC 60947-2                                                                                                                                                                                                                                                                                                                                                                |
| [Ui] rated insulation voltage         | 500 V AC 50/60 Hz                                                                                                                                                                                                                                                                                                                                                                             |

|                                        |                                                                                                                                 |
|----------------------------------------|---------------------------------------------------------------------------------------------------------------------------------|
| [Uimp] rated impulse withstand voltage | 6 kV conforming to EN/IEC 60947-2                                                                                               |
| Contact position indicator             | Yes                                                                                                                             |
| Control type                           | Toggle                                                                                                                          |
| Local signalling                       | Trip indicator                                                                                                                  |
| Mounting mode                          | Clip-on                                                                                                                         |
| Mounting support                       | Rail                                                                                                                            |
| 9 mm pitches                           | 2                                                                                                                               |
| Height                                 | 85 mm                                                                                                                           |
| Width                                  | 18 mm                                                                                                                           |
| Depth                                  | 78.5 mm                                                                                                                         |
| Net weight                             | 0.125 kg                                                                                                                        |
| Colour                                 | White                                                                                                                           |
| Mechanical durability                  | 20000 cycles                                                                                                                    |
| Electrical durability                  | 10000 cycles                                                                                                                    |
| Provision for padlocking               | Padlockable                                                                                                                     |
| Connections - terminals                | Single terminal (top or bottom) 1...25 mm <sup>2</sup> rigid<br>Single terminal (top or bottom) 1...16 mm <sup>2</sup> flexible |
| Wire stripping length                  | 14 mm for top or bottom connection                                                                                              |
| Tightening torque                      | 2 N.m top or bottom                                                                                                             |
| Earth-leakage protection               | Separate block                                                                                                                  |

## Environment

|                                       |                                  |
|---------------------------------------|----------------------------------|
| Standards                             | EN/IEC 60947-2<br>EN/IEC 60898-1 |
| IP degree of protection               | IP20 conforming to IEC 60529     |
| Pollution degree                      | 3 conforming to EN/IEC 60947-2   |
| Tropicalisation                       | 2 conforming to IEC 60068-1      |
| Relative humidity                     | 95 % at 55 °C                    |
| Ambient air temperature for operation | -35...70 °C                      |
| Ambient air temperature for storage   | -40...85 °C                      |

## Packing Units

|                              |           |
|------------------------------|-----------|
| Unit Type of Package 1       | PCE       |
| Number of Units in Package 1 | 1         |
| Package 1 Weight             | 111 g     |
| Package 1 Height             | 7.5 cm    |
| Package 1 width              | 1.8 cm    |
| Package 1 Length             | 9 cm      |
| Package 2 Weight             | 15.903 kg |

## Offer Sustainability

|                             |                                                                                                                             |
|-----------------------------|-----------------------------------------------------------------------------------------------------------------------------|
| Sustainable offer status    | Green Premium product                                                                                                       |
| RECh Regulation             | <a href="#">RECh Declaration</a>                                                                                            |
| EU RoHS Directive           | Compliant<br><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><br>Product out of China RoHS scope. Substance declaration for your information       |
| 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                                                                                                        |