



### 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        | 1 A   |
| Network type              | AC  |
| Trip unit technology      | Thermal-magnetic  |
| Curve code                | C   |
| Breaking capacity         | 50 kA Icu conforming to EN/IEC 60947-2 - 220...240 V AC 50/60 Hz<br>50 kA Icu conforming to EN/IEC 60947-2 - 12...60 V AC 50/60 Hz<br>50 kA Icu conforming to EN/IEC 60947-2 - 100...133 V AC 50/60 Hz<br>15 kA Icu conforming to EN/IEC 60947-2 - 12...48 V DC<br>6 kA Icu conforming to EN/IEC 60947-2 - 72 V DC<br>6000 A Icn conforming to EN/IEC 60898-1 - 240 V AC 50/60 Hz |
| 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 % x Icu conforming to EN/IEC 60947-2 - 12...60 V AC 50/60 Hz<br>50 kA 100 % x Icu conforming to EN/IEC 60947-2 - 100...133 V AC 50/60 Hz<br>50 kA 100 % x Icu conforming to EN/IEC 60947-2 - 220...240 V AC 50/60 Hz<br>15 kA 100 % x Icu conforming to EN/IEC 60947-2 - 12...48 V DC<br>6 kA 100 % x Icu conforming to EN/IEC 60947-2 - 72 V DC<br>6000 A 100 % x Icu conforming to EN/IEC 60898-1 - 240 V AC 50/60 Hz |
| 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   |
| Product 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 rigid wire(s) 1...25 mm <sup>2</sup> max<br>Single terminal, top or bottom flexible wire(s) 1...16 mm <sup>2</sup> max |
| Wire stripping length      | 14 mm top or bottom   |
| 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 % ( 55 °C )                   |
| Ambient air temperature for operation | -35...70 °C                      |
| Ambient air temperature for storage   | -40...85 °C                      |

## Offer Sustainability

|                                  |   |
|----------------------------------|---|
| Sustainable offer status         | Green Premium product   |
| RoHS (date code: YYWW)           | Compliant - since 1310 - Schneider Electric declaration of conformity<br><a href="#">Schneider Electric declaration of conformity</a> |
| REACH                            | Reference not containing SVHC above the threshold<br><a href="#">Reference not containing SVHC above the threshold</a>                |
| Product environmental profile    | Available   |
| Product end of life instructions | Need no specific recycling operations   |