



### Main

|                           |  |
|---------------------------|--|
| Range                     | Acti 9   |
| Product name              | Disbo iC60   |
| Product or component type | Miniature circuit-breaker  |
| Device short name         | IC60N  |
| Poles description         | 2P   |
| Number of protected poles | 2  |
| [In] rated current        | 2 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 - 380...415 V AC 50/60 Hz<br>50 kA Icu conforming to EN/IEC 60947-2 - 12...133 V AC 50/60 Hz<br>25 kA Icu conforming to EN/IEC 60947-2 - 440 V AC 50/60 Hz<br>6 kA Icu conforming to EN/IEC 60947-2 - 100...133 V DC<br>6000 A Icn conforming to EN/IEC 60898-1 - 415 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         | 440 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 - 220...240 V AC 50/60 Hz<br>50 kA 100 % x Icu conforming to EN/IEC 60947-2 - 12...133 V AC 50/60 Hz<br>50 kA 100 % x Icu conforming to EN/IEC 60947-2 - 380...415 V AC 50/60 Hz<br>25 kA 100 % x Icu conforming to EN/IEC 60947-2 - 440 V AC 50/60 Hz<br>6 kA 100 % x Icu conforming to EN/IEC 60947-2 - 100...133 V DC<br>6000 A 100 % x Icu conforming to EN/IEC 60898-1 - 415 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                           | 4  |
| Height                                 | 85 mm  |
| Width                                  | 36 mm  |
| Depth                                  | 78.5 mm  |
| Product weight                         | 0.25 kg  |
| Colour                                 | White  |
| Mechanical durability                  | 20000 cycles   |
| Electrical durability                  | 10000 cycles   |
| Provision for padlocking               | Padlockable  |

The information provided in this documentation contains general descriptions and/or technical characteristics 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.

|                          |   |
|--------------------------|---|
| 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 0627 - Schneider Electric declaration of conformity |
| REACH                            | Reference not containing SVHC above the threshold                     |
| Product environmental profile    | Available   |
| Product end of life instructions | Need no specific recycling operations                                 |