



## Main

|                           |   |
|---------------------------|---|
| Range                     | Acti9   |
| Product name              | Acti9 iC40  |
| Product or component type | Miniature circuit-breaker   |
| Device short name         | IC40N   |
| Device application        | Distribution  |
| Poles description         | 3P + N  |
| Number of protected poles | 3   |
| Neutral position          | Left  |
| [In] rated current        | 32 A  |
| Network type              | AC  |
| Trip unit technology      | Thermal-magnetic  |
| Curve code                | B   |
| Breaking capacity         | 10 kA Icu at 400 V AC 50/60 Hz conforming to EN/IEC 60947-2<br>6000 A Icn at 400 V AC 50/60 Hz conforming to EN/IEC 60898-1 |
| Suitability for isolation | Yes conforming to EN/IEC 60947-2  |
| Quality labels            | OVE<br>IMQ  |

## Complementary

|  |   |
|--|---|
| Network frequency                      | 50/60 Hz  |
| [Ue] rated operational voltage         | 400 V AC 50/60 Hz   |
| Magnetic tripping limit                | 3...5 x In conforming to EN/IEC 60898-1<br>4 x In +/- 20 % conforming to EN/IEC 60947-2   |
| [Ics] rated service breaking capacity  | 6000 A 100 % x Icn at 400 V AC 50/60 Hz conforming to EN/IEC 60898-1<br>5 kA 50 % x Icn at 400 V AC 50/60 Hz conforming to EN/IEC 60947-2 |
| Limitation class                       | 3 conforming to EN/IEC 60898-1  |
| [Ui] rated insulation voltage          | 440 V AC 50/60 Hz conforming to EN/IEC 60947-2  |
| [Uimp] rated impulse withstand voltage | 4 kV conforming to EN/IEC 60947-2   |
| Contact position indicator             | Yes   |
| Control type                           | Toggle  |
| Local signalling                       | ON/OFF indication<br>Trip indicator   |
| Mounting mode                          | Clip-on   |
| Mounting support                       | DIN rail  |
| 9 mm pitches                           | 6   |
| Height                                 | 85 mm   |
| Width                                  | 54 mm   |
| Depth                                  | 74 mm   |
| Net weight                             | 345 g   |
| Colour                                 | White   |
| Mechanical durability                  | 20000 cycles  |
| Electrical durability                  | 10000 cycles  |
| Locking options description            | Padlocking device   |

The information provided in this documentation contains general descriptions and/or technical characteristics of the performance 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  | Tunnel type terminals top or bottom 1...10 mm <sup>2</sup> flexible<br>Tunnel type terminals top or bottom 1...16 mm <sup>2</sup> rigid |
| 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 60898-1<br>EN/IEC 60947-2   |
| Product certifications                | CE<br>BV<br>RINA<br>DNV  |
| IP degree of protection               | IP20 conforming to IEC 60529<br>IP40 (modular enclosure) conforming to IEC 60529 |
| Pollution degree                      | 3 conforming to EN/IEC 60947-2   |
| Relative humidity                     | 95 % at 55 °C  |
| Operating altitude                    | 2000 m   |
| Ambient air temperature for operation | -25...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             | 360 g     |
| Package 1 Height             | 5.4 cm    |
| Package 1 width              | 7.4 cm    |
| Package 1 Length             | 9.4 cm    |
| Unit Type of Package 2       | BB1       |
| Number of Units in Package 2 | 4         |
| Package 2 Weight             | 1.51 kg   |
| Package 2 Height             | 8 cm      |
| Package 2 width              | 9 cm      |
| Package 2 Length             | 23 cm     |
| Unit Type of Package 3       | S03       |
| Number of Units in Package 3 | 44        |
| Package 3 Weight             | 17.243 kg |
| Package 3 Height             | 30 cm     |
| Package 3 width              | 30 cm     |
| Package 3 Length             | 40 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 |