



## 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        | 16 A  |
| Network type              | AC  |
| Trip unit technology      | Thermal-magnetic  |
| Curve code                | D   |
| 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            | AENOR<br>OVE  |

## Complementary

|  |   |
|--|---|
| Network frequency                      | 50/60 Hz  |
| [Ue] rated operational voltage         | 400 V AC 50/60 Hz   |
| Magnetic tripping limit                | 10...14 x In conforming to EN/IEC 60898-1<br>12 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>7.5 kA 75 % x Icn at 400 V AC 50/60 Hz conforming to EN/IEC 60947-2 |
| [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                  | 20000 cycles  |
| Locking options description            | Padlocking device   |
| 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             | 330 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             | 1.39 kg  |
| Package 2 Height             | 9 cm     |
| Package 2 width              | 8 cm     |
| Package 2 Length             | 23 cm    |
| Unit Type of Package 3       | S03      |
| Number of Units in Package 3 | 44       |
| Package 3 Weight             | 15.99 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       |