



## Main

|                           |  |
|---------------------------|--|
| Range                     | Acti9  |
| Product name              | Acti9 iC40   |
| Product or component type | Miniature circuit-breaker  |
| Device short name         | IC40   |
| Device application        | Distribution   |
| Poles description         | 1P + N   |
| Number of protected poles | 1  |
| Neutral position          | Left   |
| [In] rated current        | 16 A   |
| Network type              | AC   |
| Trip unit technology      | Thermal-magnetic   |
| Curve code                | C  |
| Breaking capacity         | 6 kA Icu at 230 V AC 50/60 Hz conforming to EN/IEC 60947-2<br>4500 A Icn at 230 V AC 50/60 Hz conforming to EN/IEC 60898-1 |
| Suitability for isolation | Yes conforming to EN/IEC 60947-2   |
| Quality labels            | KEMA<br>IMQ  |

## Complementary

|                                       |   |
|---------------------------------------|---|
| Network frequency                     | 50/60 Hz  |
| [Ue] rated operational voltage        | 230 V AC 50/60 Hz   |
| Magnetic tripping limit               | 5...10 x In conforming to EN/IEC 60898-1<br>8 x In +/- 20 % conforming to EN/IEC 60947-2  |
| [Ics] rated service breaking capacity | 4500 A 100 % x Icn at 230 V AC 50/60 Hz conforming to EN/IEC 60898-1<br>4.5 kA 75 % x Icu at 230 V AC 50/60 Hz conforming to EN/IEC 60947-2 |
| Limitation class                      | 3 conforming to EN/IEC 60898-1  |
| [Ui] rated insulation voltage         | 400 V AC 50/60 Hz conforming to EN/IEC 60947-2  |

Disclaimer: 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

|  |   |
|--|---|
| [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                           | 2   |
| Height                                 | 85 mm   |
| Width                                  | 18 mm   |
| Depth                                  | 74 mm   |
| Net weight                             | 120 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             | 114.5 g  |
| Package 1 Height             | 1.8 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 | 12       |
| Package 2 Weight             | 1.45 kg  |
| Package 2 Height             | 8 cm     |
| Package 2 width              | 10 cm    |
| Package 2 Length             | 23 cm    |
| Unit Type of Package 3       | S03      |
| Number of Units in Package 3 | 132      |
| Package 3 Weight             | 16.65 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<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 |