



## Main

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

## Complementary

|  |   |
|--|---|
| Network frequency                      | 50/60 Hz  |
| [Ue] rated operational voltage         | 400 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  | 6000 A 100 % x Icn at 400 V AC 50/60 Hz conforming to EN/IEC 60898-1<br>7.5 kA 75 % x Icu 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                             | 335 g   |
| Colour                                 | White   |
| Mechanical durability                  | 20000 cycles  |
| Electrical durability                  | 20000 cycles  |
| Locking options description            | Padlocking device   |
| Connections - terminals                | Screwless type terminals top comb busbar<br>Tunnel type terminals bottom 1...10 mm <sup>2</sup> flexible<br>Tunnel type terminals bottom 1...16 mm <sup>2</sup> rigid |

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|                          |                             |
|--------------------------|-----------------------------|
| Wire stripping length    | 14 mm for bottom connection |
| Tightening torque        | 2 N.m bottom                |
| Earth-leakage protection | Separate block              |

## Environment

|                                       |  |
|---------------------------------------|--|
| Standards                             | EN/IEC 60898-1<br>EN/IEC 60947-2   |
| Product certifications                | CE   |
| 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

|                  |          |
|------------------|----------|
| Package 1 Weight | 0.326 kg |
| Package 1 Height | 0.740 dm |
| Package 1 width  | 0.540 dm |
| Package 1 Length | 0.940 dm |

## 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 |