



Main

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|---------------------------|-----------------------------------------------------------------------------------------------------------------------------|
| 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 | B |
| Breaking capacity | 10 kA Icu at 400 V AC 50/60 Hz conforming to EN/IEC 60947-2 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 | IMQ OVE |

Complementary

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|----------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------|
| 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 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 7.5 kA 75 % 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 |

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

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|-----------------------------|---------------------------------------------------------------------------------------------------------------------------------------|
| Contact position indicator | Yes |
| Control type | Toggle |
| Local signalling | ON/OFF indication 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 bottom1...10 mm ² flexible Tunnel type terminals top or bottom1...16 mm ² 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

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|---------------------------------------|----------------------------------------------------------------------------------|
| Standards | EN/IEC 60898-1 EN/IEC 60947-2 |
| Product certifications | CE BV RINA DNV |
| IP degree of protection | IP20 conforming to IEC 60529 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 |

Offer Sustainability

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|----------------------------|-----------------------------------------------------------------------------------------------------------------------------|
| Sustainable offer status | Green Premium product |
| REACH Regulation | REACH Declaration |
| EU RoHS Directive | Compliant EU RoHS Declaration |
| Mercury free | Yes |
| RoHS exemption information | Yes |
| China RoHS Regulation | China RoHS declaration Product out of China RoHS scope. Substance declaration for your information |
| Environmental Disclosure | Product Environmental Profile |
| Circularity Profile | No need of specific recycling operations |
| WEEE | The product must be disposed on European Union markets following specific waste collection and never end up in rubbish bins |