

Product datasheet

Specifications



C60 - circuit breaker - C60N - 2P - 40A - B curve

24081

Main

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|---------------------------|--|
| Range of product | C60 |
| Range | Multi 9 |
| Product name | C60 |
| Product or component type | Miniature circuit-breaker |
| Device short name | C60N |
| Device application | Distribution |
| Poles description | 2P |
| Number of protected poles | 1 |
| [In] rated current | 40 A at 30 °C |
| Network type | AC |
| Trip unit technology | Thermal-magnetic |
| Curve code | B |
| Breaking capacity | 10 kA Icu at 400...415 V AC 50/60 Hz conforming to EN/IEC 60947-2 6 kA Icu at 440 V AC 50/60 Hz conforming to EN/IEC 60947-2 6000 A Icn at 230/440 V AC 50/60 Hz conforming to EN 60898 20 kA Icu at 125 V DC 2P conforming to EN/IEC 60947-2 20 kA Icu at 230...240 V AC 50/60 Hz conforming to EN/IEC 60947-2 30 kA Icu at 125 V DC 3P conforming to EN/IEC 60947-2 40 kA Icu at <= 250 V DC 4P conforming to EN/IEC 60947-2 |
| Suitability for isolation | Yes conforming to IEC 60947-2 |

Complementary

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| Network frequency | 50/60 Hz |
| [Ue] rated operational voltage | 230...240 V AC 50/60 Hz 400...415 V AC 50/60 Hz 440 V AC 50/60 Hz 230/400 V AC 50/60 Hz |
| Magnetic tripping limit | 5...10 x In |
| [Ics] rated service breaking capacity | 15 kA conforming to EN/IEC 60947-2 - 130 V AC 50/60 Hz 7.5 kA conforming to EN/IEC 60947-2 - 230...240 V AC 50/60 Hz 6000 A conforming to EN 60898 - 230/400 V AC 50/60 Hz 2.25 kA conforming to EN/IEC 60947-2 - 400...415 V AC 50/60 Hz |
| Limitation class | 3 conforming to EN/IEC 60947-2 |
| Contact position indicator | Yes |

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|---------------------------------|---|
| Control type | Toggle |
| Local signalling | ON/OFF indication |
| Mounting mode | Clip-on |
| Mounting support | 35 mm symmetrical DIN rail |
| 9 mm pitches | 2 |
| Height | 81 mm |
| Width | 36 mm |
| Depth | 73 mm |
| Net weight | 0.24 kg |
| Mechanical durability | 20000 cycles |
| Connections - terminals | Tunnel type terminals 16 mm ² flexible Tunnel type terminals 25 mm ² rigid |
| Earth-leakage protection | Separate block |

Environment

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|--|-----------------------------|
| Standards | EN/IEC 60947-2 IEC 60898 |
| Tropicalisation | 2 conforming to IEC 60068-1 |
| Relative humidity | 95 % at 55 °C |
| Operating altitude | 2000 m |
| Ambient air temperature for operation | -25...60 °C |
| Ambient air temperature for storage | -40...70 °C |

Offer Sustainability

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|-----------------------------------|---|
| Sustainable offer status | Green Premium product |
| EU RoHS Directive | Pro-active compliance (Product out of EU RoHS legal scope) 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 |
| WEEE | The product must be disposed on European Union markets following specific waste collection and never end up in rubbish bins |