

Product datasheet

Specifications



C60 - circuit breaker - C60N - 4P - 20A - B curve

SE-24104

! Discontinued on: Sep 7, 2020

! End-of-service on: Apr 29, 2019

! Discontinued

Main

| | |
|---------------------------|--|
| Range Of Product | C60 |
| Range | Multi9 |
| Product Name | C60 |
| Product Or Component Type | Miniature circuit-breaker |
| Device Short Name | C60N |
| Device Application | Distribution |
| Poles Description | 4P |
| Number Of Protected Poles | 4 |
| [In] Rated Current | 20 A at 30 °C |
| Network Type | DC 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 230/400 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 | 440 V AC 50/60 Hz 230...240 V AC 50/60 Hz 400...415 V AC 50/60 Hz <= 250 V DC 230/400 V AC 50/60 Hz |
| Magnetic Tripping Limit | 3...5 x In |
| [Ics] Rated Service Breaking Capacity | 7.5 kA conforming to EN/IEC 60947-2 - 230...240 V AC 50/60 Hz 2.25 kA conforming to EN/IEC 60947-2 - 440 V AC 50/60 Hz 3.75 kA conforming to EN/IEC 60947-2 - 400...415 V AC 50/60 Hz 6000 A conforming to EN 60898 - 230/400 V AC 50/60 Hz |
| Limitation Class | 3 conforming to EN/IEC 60947-2 |
| Contact Position Indicator | Yes |
| Control Type | Toggle |

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| Local Signalling | ON/OFF indication |
| Mounting Mode | Clip-on |
| Mounting Support | 35 mm symmetrical DIN rail |
| Comb Busbar And Distribution Block Compatibility | NO |
| 9 Mm Pitches | 8 |
| Height | 81 mm |
| Width | 72 mm |
| Depth | 73 mm |
| Net Weight | 0.48 kg |
| Mechanical Durability | 20000 cycles |
| Connections - Terminals | Tunnel type terminals16 mm ² flexible Tunnel type terminals25 mm ² rigid |
| Tightening Torque | Power circuit: 2 N.m upside 2 N.m downside |
| Earth-Leakage Protection | Separate block |
| Product Compatibility | C60 auxiliary C60 accessories |

Environment

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|---------------------------------------|-----------------------------|
| Standards | EN/IEC 60947-2 EN 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 |

Packing Units

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|------------------------------|----------|
| Unit Type Of Package 1 | PCE |
| Number Of Units In Package 1 | 1 |
| Package 1 Height | 8.5 cm |
| Package 1 Width | 7.2 cm |
| Package 1 Length | 7.3 cm |
| Package 1 Weight | 0.427 kg |

Contractual warranty

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|----------|-----------|
| Warranty | 18 months |
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