

Product datasheet

Specifications



C60 - circuit breaker - C60N - 1P - 4A - C curve

24308

! Discontinued on: 23 January 2021

! 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 | 1P |
| Number of protected poles | 1 |
| [In] rated current | 4 A at 30 °C |
| Network type | AC DC |
| Trip unit technology | Thermal-magnetic |
| Curve code | C |
| Breaking capacity | 20 kA Icu at 130 V AC 50/60 Hz conforming to EN/IEC 60947-2 10 kA Icu at 230...240 V AC 50/60 Hz conforming to EN/IEC 60947-2 3 kA Icu at 400...415 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 15 kA Icu at 60 V DC 1P conforming to EN/IEC 60947-2 |
| Suitability for isolation | Yes conforming to IEC 60947-2 |

Complementary

| | |
|---------------------------------------|--|
| Network frequency | 50/60 Hz |
| [Ue] rated operational voltage | 230...240 V AC 50/60 Hz 400...415 V AC 50/60 Hz 130 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 |
| Control type | Toggle |

| | |
|--|---|
| 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 | 2 |
| Height | 81 mm |
| Width | 18 mm |
| Depth | 73 mm |
| Net weight | 0.12 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 |
| Product compatibility | C60 accessories C60 auxiliary |

Environment

| | |
|---------------------------------------|-----------------------------|
| Standards | EN 60898 EN/IEC 60947-2 |
| 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

| | |
|------------------------------|----------|
| Unit Type of Package 1 | PCE |
| Number of Units in Package 1 | 1 |
| Package 1 Height | 7.5 cm |
| Package 1 Width | 1.8 cm |
| Package 1 Length | 8.5 cm |
| Package 1 Weight | 0.106 kg |

Contractual warranty

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|----------|-----------|
| Warranty | 18 months |
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Recommended replacement(s)

24308 is replaced by:

1x



Miniature circuit breaker (MCB), Acti9 iC60N, 1P, 4A, C curve, 6000A (IEC/EN 60898-1), 50kA (IEC/EN 60947-2)
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