

Product datasheet

Specifications



miniature circuit breaker - C60H - 3 poles - 16 A - C curve

C60H3P16AC

! Discontinued on: 01 November 2020

! Discontinued

Main

| | |
|---------------------------|-------------------------------|
| Device application | Distribution |
| Range of product | C60 |
| Range | Multi9 |
| Product name | C60 |
| Product or component type | Miniature circuit-breaker |
| Device short name | C60H |
| Poles description | 3P |
| Number of protected poles | 3 |
| [In] rated current | 16 A at 30 °C |
| Network type | AC |
| Trip unit technology | Thermal-magnetic |
| Curve code | C |
| Suitability for isolation | Yes conforming to IEC 60947-2 |

Complementary

| | |
|--|--|
| Network frequency | 50/60 Hz |
| [Ue] rated operational voltage | 440 V AC 50/60 Hz |
| Magnetic tripping limit | 5...10 x In |
| Breaking capacity | 10 kA Icu at 440 V AC 50/60 Hz conforming to IEC 60947-2 15 kA Icu at 400...415 V AC 50/60 Hz conforming to IEC 60947-2 25 kA Icu at 125 V DC 2P conforming to IEC 60947-2 30 kA Icu at 230...240 V AC 50/60 Hz conforming to IEC 60947-2 40 kA Icu at 125 V DC 3P conforming to IEC 60947-2 |
| [Ics] rated service breaking capacity | 15 kA conforming to IEC 60947-2 - 12...440 V AC 50/60 Hz 7.5 kA conforming to IEC 60947-2 - 60 V AC 50/60 Hz 5 kA conforming to IEC 60947-2 AC 50/60 Hz |
| Limitation class | 3 conforming to IEC 60947-2 |
| [Ui] rated insulation voltage | 500 V AC 50/60 Hz conforming to IEC 60947-2 |
| [Uimp] rated impulse withstand voltage | 6 kV conforming to IEC 60947-2 |
| Contact position indicator | Yes |
| Control type | Toggle |

| | |
|--|---|
| Local signalling | ON/OFF indication |
| Mounting mode | Fixed |
| Mounting support | 35 mm symmetrical DIN rail |
| Comb busbar and distribution block compatibility | YES |
| 9 mm pitches | 6 |
| Height | 81 mm |
| Width | 54 mm |
| Depth | 73 mm |
| Net weight | 0.36 kg |
| Mechanical durability | 20000 cycles |
| Connections - terminals | Tunnel type terminals16 mm ² flexible Tunnel type terminals25 mm ² rigid |
| Wire stripping length | 14 mm |
| Tightening torque | 2 N.m |
| Earth-leakage protection | Separate block |

Environment

| | |
|---------------------------------------|-----------------------------|
| 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

| | |
|------------------|-----------|
| Package 1 Weight | 0.310 kg |
| Package 1 Height | 78.630 mm |
| Package 1 Width | 53.100 mm |
| Package 1 Length | 81.000 mm |

Contractual warranty

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

C60H3P16AC is replaced by:

1x



miniature circuit breaker - xC60 - 3 poles - 16 A - C curve
A9N3P16C