

Product data sheet

Characteristics

A9N61508

Miniature circuit breaker (MCB), Acti9, C60H-DC, 1P, 10A, C curve, 6kA (IEC/EN 60947-2)



Main

| | |
|---------------------------|---|
| Range | Acti9 |
| Product name | Acti9 C60H-DC |
| Product or component type | Miniature circuit-breaker |
| Device short name | C60H-DC |
| Device application | Distribution |
| Poles description | 1P |
| Number of protected poles | 1 |
| [In] rated current | 10 A at 25 °C |
| Network type | DC |
| Trip unit technology | Thermal-magnetic |
| Curve code | C |
| Breaking capacity | 10 kA Icu at 220 V DC conforming to EN 60947-2 10 kA Icu at 220 V DC conforming to IEC 60947-2 6 kA Icu at 250 V DC conforming to EN 60947-2 6 kA Icu at 250 V DC conforming to IEC 60947-2 20 kA Icu at 110 V DC conforming to EN 60947-2 20 kA Icu at 110 V DC conforming to IEC 60947-2 |
| Utilisation category | Category A conforming to EN 60947-2 Category A conforming to IEC 60947-2 |
| Suitability for isolation | Yes conforming to IEC 60947-2 Yes conforming to EN 60947-2 |

Complementary

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|--|---|
| Network frequency | 50/60 Hz |
| [Ue] rated operational voltage | 250 V DC |
| [Ics] rated service breaking capacity | 15 kA 75 % conforming to EN 60947-2 - 110 V DC 15 kA 75 % conforming to IEC 60947-2 - 110 V DC 4.5 kA 75 % conforming to EN 60947-2 - 250 V DC 4.5 kA 75 % conforming to IEC 60947-2 - 250 V DC 7.5 kA 75 % conforming to EN 60947-2 - 220 V DC 7.5 kA 75 % conforming to IEC 60947-2 - 220 V DC |
| [Ui] rated insulation voltage | 500 V DC conforming to IEC 60947-2 500 V DC conforming to EN 60947-2 |
| [Uimp] rated impulse withstand voltage | 6 kV conforming to EN 60947-2 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 | Top or bottom: standard |
| 9 mm pitches | 2 |
| Net weight | 0.128 kg |
| Colour | White |
| Mechanical durability | 20000 cycles |
| Electrical durability | 3000 cycles L/R = 2 ms |

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|-----------------------------|--------------------------------------|
| Provision for padlocking | Padlockable |
| Locking options description | In position O |
| Tightening torque | Power circuit: 2.5 N.m top or bottom |
| Earth-leakage protection | Without |






Environment

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|---------------------------------------|---|
| Standards | EN 60947-2 IEC 60947-2 |
| Pollution degree | 3 conforming to EN 60947-2 3 conforming to IEC 60947-2 |
| Overvoltage category | IV |
| Tropicalisation | 2 conforming to IEC 60068-2 |
| Operating altitude | 2000 m |
| Ambient air temperature for operation | -25...70 °C |
| Ambient air temperature for storage | -40...85 °C |

Packing Units

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|------------------------------|-----------|
| Unit Type of Package 1 | PCE |
| Number of Units in Package 1 | 1 |
| Package 1 Height | 7 cm |
| Package 1 Width | 1.8 cm |
| Package 1 Length | 7.5 cm |
| Package 1 Weight | 112 g |
| Unit Type of Package 2 | BB1 |
| Number of Units in Package 2 | 12 |
| Package 2 Height | 2.65 cm |
| Package 2 Width | 30 cm |
| Package 2 Length | 20 cm |
| Package 2 Weight | 1.379 kg |
| Unit Type of Package 3 | S03 |
| Number of Units in Package 3 | 144 |
| Package 3 Height | 30 cm |
| Package 3 Width | 30 cm |
| Package 3 Length | 40 cm |
| Package 3 Weight | 17.035 kg |

Offer Sustainability

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|----------------------------|---|
| Sustainable offer status | Green Premium product |
| REACH Regulation |  REACH Declaration |
| REACH free of SVHC | Yes |
| EU RoHS Directive | Compliant  EU RoHS Declaration |
| Toxic heavy metal free | Yes |
| Mercury free | Yes |
| China RoHS Regulation |  China RoHS Declaration |
| RoHS exemption information |  Yes |
| Environmental Disclosure |  Product Environmental Profile |
| Circularity Profile | No need of specific recycling operations |

Contractual warranty

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| Warranty | 18 months |
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