

Product datasheet

Specifications



miniature circuit breaker - C60H - 2 poles - 50 A - C curve

A9N61538

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 | 2P |
| Number Of Protected Poles | 2 |
| [In] Rated Current | 50 A at 25 °C |
| Network Type | DC |
| Trip Unit Technology | Thermal-magnetic |
| Curve Code | C |
| Breaking Capacity | 10 kA Icu at 440 V DC conforming to EN 60947-2 10 kA Icu at 440 V DC conforming to IEC 60947-2 6 kA Icu at 500 V DC conforming to EN 60947-2 6 kA Icu at 500 V DC conforming to IEC 60947-2 20 kA Icu at 220 V DC conforming to GB 14048.2 20 kA Icu at 220 V DC conforming to IEC 60947-2 20 kA Icu at 250 V DC conforming to GB 14048.2 20 kA Icu at 250 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 | 500 V DC |
| [Ics] Rated Service Breaking Capacity | 15 kA 75 % conforming to EN 60947-2 - 220 V DC 15 kA 75 % conforming to IEC 60947-2 - 220 V DC 15 kA 75 % conforming to EN 60947-2 - 250 V DC 15 kA 75 % conforming to IEC 60947-2 - 250 V DC 4.5 kA 75 % conforming to EN 60947-2 - 500 V DC 4.5 kA 75 % conforming to IEC 60947-2 - 500 V DC 7.5 kA 75 % conforming to EN 60947-2 - 440 V DC 7.5 kA 75 % conforming to IEC 60947-2 - 440 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 |

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|---|--------------------------------------|
| 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 | 4 |
| Net Weight | 0.256 kg |
| Colour | White |
| Mechanical Durability | 20000 cycles |
| Electrical Durability | 3000 cycles L/R = 2 ms |
| 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

| | |
|--|---|
| 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 | 7.3 cm |
| Package 1 Width | 3.6 cm |
| Package 1 Length | 8.5 cm |
| Package 1 Weight | 246 g |
| Unit Type Of Package 2 | BB1 |
| Number Of Units In Package 2 | 6 |
| Package 2 Height | 9 cm |
| Package 2 Width | 8 cm |
| Package 2 Length | 23 cm |
| Package 2 Weight | 1.53 kg |
| Unit Type Of Package 3 | S03 |
| Number Of Units In Package 3 | 72 |
| Package 3 Height | 30 cm |

| | |
|-----------------|-------|
| Package 3 Width | 30 cm |
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|------------------|-------|
| Package 3 Length | 40 cm |
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| Package 3 Weight | 18.9 kg |
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Contractual warranty

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

Sustainability

Green Premium™ label is Schneider Electric's commitment to delivering products with best-in-class environmental performance. Green Premium promises compliance with the latest regulations, transparency on environmental impacts, as well as circular and low-CO₂ products.

Guide to assessing product sustainability is a white paper that clarifies global eco-label standards and how to interpret environmental declarations.

[Learn more about Green Premium >](#)

[Guide to assess a product's sustainability >](#)



Transparency RoHS/REACH

Well-being performance

✓ Reach Free Of Svhc

✓ Toxic Heavy Metal Free

✓ Mercury Free

✓ Rohs Exemption Information [Yes](#)

Certifications & Standards

Reach Regulation

[REACH Declaration](#)

Eu Rohs Directive

Compliant

[EU RoHS Declaration](#)

China Rohs Regulation

[China RoHS declaration](#)

Pro-active China RoHS declaration (out of China RoHS legal scope)

Environmental Disclosure

[Product Environmental Profile](#)

Circularity Profile

No need of specific recycling operations