

# Product datasheet

Specifications



## miniature circuit breaker - C60H - 2 poles - 30 A - C curve

A9N61534

### 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        | 30 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<br>10 kA Icu at 440 V DC conforming to IEC 60947-2<br>6 kA Icu at 500 V DC conforming to EN 60947-2<br>6 kA Icu at 500 V DC conforming to IEC 60947-2<br>20 kA Icu at 220 V DC conforming to GB 14048.2<br>20 kA Icu at 220 V DC conforming to IEC 60947-2<br>20 kA Icu at 250 V DC conforming to GB 14048.2<br>20 kA Icu at 250 V DC conforming to IEC 60947-2 |
| Utilisation category      | Category A conforming to EN 60947-2<br>Category A conforming to IEC 60947-2  |
| Suitability for isolation | Yes conforming to IEC 60947-2<br>Yes conforming to EN 60947-2  |

### Complementary

|  |  |
|--|--|
| 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<br>15 kA 75 % conforming to IEC 60947-2 - 220 V DC<br>15 kA 75 % conforming to EN 60947-2 - 250 V DC<br>15 kA 75 % conforming to IEC 60947-2 - 250 V DC<br>4.5 kA 75 % conforming to EN 60947-2 - 500 V DC<br>4.5 kA 75 % conforming to IEC 60947-2 - 500 V DC<br>7.5 kA 75 % conforming to EN 60947-2 - 440 V DC<br>7.5 kA 75 % conforming to IEC 60947-2 - 440 V DC |
| [Ui] rated insulation voltage          | 500 V DC conforming to IEC 60947-2<br>500 V DC conforming to EN 60947-2  |
| [Uimp] rated impulse withstand voltage | 6 kV conforming to EN 60947-2<br>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                                     | 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<br>IEC 60947-2                                 |
| Pollution degree                      | 3 conforming to EN 60947-2<br>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

|                              |          |
|------------------------------|----------|
| Unit Type of Package 1       | PCE      |
| Number of Units in Package 1 | 1        |
| Package 1 Height             | 7.5 cm   |
| Package 1 Width              | 3.6 cm   |
| Package 1 Length             | 8.5 cm   |
| Package 1 Weight             | 242 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             | 22 cm    |
| Package 2 Weight             | 1.515 kg |
| Unit Type of Package 3       | S03      |
| Number of Units in Package 3 | 72       |
| Package 3 Height             | 30 cm    |

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|                 |       |
|-----------------|-------|
| Package 3 Width | 30 cm |
|-----------------|-------|

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|                  |       |
|------------------|-------|
| Package 3 Length | 40 cm |
|------------------|-------|

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|                  |           |
|------------------|-----------|
| Package 3 Weight | 18.906 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-CO<sub>2</sub> 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

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✓ Toxic Heavy Metal Free

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✓ Mercury Free

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✓ Rohs Exemption Information Yes

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## Certifications & Standards

**Reach Regulation** [REACH Declaration](#)

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**Eu Rohs Directive** Compliant  
[EU RoHS Declaration](#)

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**China Rohs Regulation** [China RoHS declaration](#)  
Pro-active China RoHS declaration (out of China RoHS legal scope)

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**Environmental Disclosure** [Product Environmental Profile](#)

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**Circularity Profile** No need of specific recycling operations

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