

# Product datasheet

Specifications



## miniature circuit breaker - C60H - 1 pole - 2 A - C curve

A9N61502

### 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        | 2 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<br>10 kA Icu at 220 V DC conforming to IEC 60947-2<br>6 kA Icu at 250 V DC conforming to EN 60947-2<br>6 kA Icu at 250 V DC conforming to IEC 60947-2<br>20 kA Icu at 110 V DC conforming to EN 60947-2<br>20 kA Icu at 110 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         | 250 V DC  |
| [Ics] rated service breaking capacity  | 15 kA 75 % conforming to EN 60947-2 - 110 V DC<br>15 kA 75 % conforming to IEC 60947-2 - 110 V DC<br>4.5 kA 75 % conforming to EN 60947-2 - 250 V DC<br>4.5 kA 75 % conforming to IEC 60947-2 - 250 V DC<br>7.5 kA 75 % conforming to EN 60947-2 - 220 V DC<br>7.5 kA 75 % conforming to IEC 60947-2 - 220 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  |

|   |                                      |
|---|--------------------------------------|
| <b>Local signalling</b>                                 | ON/OFF indication                    |
| <b>Mounting mode</b>                                    | Fixed                                |
| <b>Mounting support</b>                                 | 35 mm symmetrical DIN rail           |
| <b>Comb busbar and distribution block compatibility</b> | Top or bottom: standard              |
| <b>9 mm pitches</b>                                     | 2                                    |
| <b>Net weight</b>                                       | 0.128 kg                             |
| <b>Colour</b>   | White                                |
| <b>Mechanical durability</b>                            | 20000 cycles                         |
| <b>Electrical durability</b>                            | 3000 cycles L/R = 2 ms               |
| <b>Provision for padlocking</b>                         | Padlockable                          |
| <b>Locking options description</b>                      | In position O                        |
| <b>Tightening torque</b>                                | Power circuit: 2.5 N.m top or bottom |
| <b>Earth-leakage protection</b>                         | Without                              |

## Environment

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

## Packing Units

|                                     |                  |
|-------------------------------------|------------------|
| <b>Unit Type of Package 1</b>       | Db               |
| <b>Number of Units in Package 1</b> | 1                |
| <b>Package 1 Height</b>             | 7.2 cm           |
| <b>Package 1 Width</b>              | 1.8 cm           |
| <b>Package 1 Length</b>             | 8.4 cm           |
| <b>Package 1 Weight</b>             | 114.0 g          |
| <b>Unit Type of Package 2</b>       | Gyári csomagolás |
| <b>Number of Units in Package 2</b> | 12               |
| <b>Package 2 Height</b>             | 10.0 cm          |
| <b>Package 2 Width</b>              | 8.0 cm           |
| <b>Package 2 Length</b>             | 23.0 cm          |
| <b>Package 2 Weight</b>             | 1.418 kg         |
| <b>Unit Type of Package 3</b>       | Doboz            |
| <b>Number of Units in Package 3</b> | 144              |
| <b>Package 3 Height</b>             | 30.0 cm          |
| <b>Package 3 Width</b>              | 30.0 cm          |
| <b>Package 3 Length</b>             | 40.0 cm          |

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Package 3 Weight 17.476 kg

## Offer Sustainability

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Sustainable offer status Green Premium product

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REACH Regulation [REACH Declaration](#)

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REACH free of SVHC Yes

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EU RoHS Directive Compliant  
[EU RoHS Declaration](#)

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Toxic heavy metal free Yes

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Mercury free Yes

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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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RoHS exemption information [Yes](#)

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Environmental Disclosure [Product Environmental Profile](#)

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## Contractual warranty

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Warranty 18 months

Recommended replacement(s)