

# Product datasheet

Specifications



## miniature circuit breaker - C60H - 2 poles - 63 A - C curve

A9N61539

### 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        | 63 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                                    |
| Product 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             | 7.3 cm   |
| Package 1 Width              | 3.2 cm   |
| Package 1 Length             | 8.5 cm   |
| Package 1 Weight             | 251 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             | 1.555 kg |
| Unit Type of Package 3       | S03      |
| Number of Units in Package 3 | 72       |
| Package 3 Height             | 30 cm    |

|                  |           |
|------------------|-----------|
| Package 3 Width  | 30 cm     |
| Package 3 Length | 40 cm     |
| Package 3 Weight | 19.147 kg |

## Offer Sustainability

|                            |   |
|----------------------------|---|
| Sustainable offer status   | Green Premium product   |
| REACH Regulation           | <a href="#">REACH Declaration</a>   |
| REACH free of SVHC         | Yes   |
| EU RoHS Directive          | Compliant<br><a href="#">EU RoHS Declaration</a>  |
| Toxic heavy metal free     | Yes   |
| Mercury free               | Yes   |
| China RoHS Regulation      | <a href="#">China RoHS declaration</a><br>Pro-active China RoHS declaration (out of China RoHS legal scope) |
| RoHS exemption information | <a href="#">Yes</a>   |
| Environmental Disclosure   | <a href="#">Product Environmental Profile</a>   |

## Contractual warranty

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

## Recommended replacement(s)