

## Product data sheet

### Characteristics

# A9N61508

miniature circuit breaker - C60H - 1 pole - 10 A  
- C curve



### Main

|                           |                                                                                                                                                                                                                                                                                                           |
|---------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Range                     | Acti 9                                                                                                                                                                                                                                                                                                    |
| 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<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                                                                                                                                                                                                                                                                                                          |
| 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 250 V DC<br>6000 cycles 250 V DC                                                                                                                                                                                                                                                                    |
| 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 Weight             | 112.0 g   |
| Package 1 Height             | 7.0 cm    |
| Package 1 width              | 1.8 cm    |
| Package 1 Length             | 7.5 cm    |
| Unit Type of Package 2       | P12       |
| Number of Units in Package 2 | 1152      |
| Package 2 Weight             | 148.28 kg |
| Package 2 Height             | 80.0 cm   |
| Package 2 width              | 80.0 cm   |
| Package 2 Length             | 120.0 cm  |
| Unit Type of Package 3       | BB1       |
| Number of Units in Package 3 | 12        |
| Package 3 Weight             | 1.379 kg  |
| Package 3 Height             | 2.65 cm   |
| Package 3 width              | 30.0 cm   |
| Package 3 Length             | 20.0 cm   |

## Offer Sustainability

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

## Contractual warranty

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