

# Product datasheet

Specifications



## miniature circuit breaker - C60H - 2 poles - 4 A - C curve

Local distributor code: 402642215    A9N61524

### 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         | 2P                                                                                                                                                                                                                                                                                                                                                                                                             |
| Number of protected poles | 2                                                                                                                                                                                                                                                                                                                                                                                                              |
| [In] rated current        | 4 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 500 V DC<br>6000 cycles 500 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             | 228 g    |
| Package 1 Height             | 7.4 cm   |
| Package 1 width              | 3.6 cm   |
| Package 1 Length             | 8.4 cm   |
| Unit Type of Package 2       | BB1      |
| Number of Units in Package 2 | 6        |
| Package 2 Weight             | 1.418 kg |
| Package 2 Height             | 2.87 cm  |
| Package 2 width              | 30 cm    |
| Package 2 Length             | 20 cm    |
| Unit Type of Package 3       | S03      |
| Number of Units in Package 3 | 72       |

|                  |           |
|------------------|-----------|
| Package 3 Weight | 17.479 kg |
| Package 3 Height | 30 cm     |
| Package 3 width  | 30 cm     |
| Package 3 Length | 40 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<br><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><br>Pro-active China RoHS declaration (out of China RoHS legal scope) |
| Environmental Disclosure   | <a href="#">Product Environmental Profile</a>                                                               |

Contractual warranty

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