



### Main

|                           |  |
|---------------------------|--|
| Range                     | Acti 9   |
| Product name              | Acti 9 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        | 15 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 |

15 kA 75 % conforming to EN 60947-2 - 250 V DC  
 15 kA 75 % conforming to IEC 60947-2 - 250 V DC  
 4.5 kA 75 % conforming to EN 60947-2 - 500 V DC  
 4.5 kA 75 % conforming to IEC 60947-2 - 500 V DC  
 7.5 kA 75 % conforming to EN 60947-2 - 440 V DC  
 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 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             | 226 g     |
| Package 1 Height             | 7.5 cm    |
| Package 1 width              | 3.6 cm    |
| Package 1 Length             | 8.5 cm    |
| Unit Type of Package 2       | BB1       |
| Number of Units in Package 2 | 6         |
| Package 2 Weight             | 1.415 kg  |
| Package 2 Height             | 9 cm      |
| Package 2 width              | 8 cm      |
| Package 2 Length             | 22 cm     |
| Unit Type of Package 3       | S03       |
| Number of Units in Package 3 | 72        |
| Package 3 Weight             | 17.694 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 |
|----------|-----------|