

# Product data sheet

Specifications



## Repacked, Miniature circuit breaker (MCB), Acti9 C60H-DC, 1P, 10A, C curve, 6kA (IEC/EN 60947-2)

A9N61508W



**This repacked option saves 1.127 over the standard condition**

### 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        | 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                                                                                                                                                                                                                                             |
| Standards                 | EN 60947-2<br>IEC 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                                                                                                                                                                                                                                                                                                             |

Disclaimer: This documentation is not intended as a substitute for and is not to be used for determining suitability or reliability of these products for specific user applications

|                                                  |                                      |
|--------------------------------------------------|--------------------------------------|
| 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                                    |
| Product weight                                   | 0.128 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

|                                       |                                                           |
|---------------------------------------|-----------------------------------------------------------|
| 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 cm     |
| Package 1 Width              | 1.8 cm   |
| Package 1 Length             | 7.5 cm   |
| Package 1 Weight             | 112 g    |
| Unit Type of Package 2       | BB1      |
| Number of Units in Package 2 | 12       |
| Package 2 Height             | 2.65 cm  |
| Package 2 Width              | 30 cm    |
| Package 2 Length             | 20 cm    |
| Package 2 Weight             | 1.379 kg |
| Unit Type of Package 3       | S03      |
| Number of Units in Package 3 | 144      |
| Package 3 Height             | 30 cm    |
| Package 3 Width              | 30 cm    |

|                  |           |
|------------------|-----------|
| Package 3 Length | 40 cm     |
| Package 3 Weight | 17.035 kg |

## Contractual warranty

|                      |    |
|----------------------|----|
| Warranty (in months) | 18 |
|----------------------|----|



## Environmental Data

Schneider Electric aims to achieve Net Zero status by 2050 through supply chain partnerships, lower impact materials, and circularity via our ongoing “Use Better, Use Longer, Use Again” campaign to extend product lifetimes and recyclability.

[Environmental Data explained >](#)

[How we assess product sustainability >](#)



### Environmental footprint

Lower carbon footprint

1 kg CO2 eq.

## Use Better



### Materials and Substances

Packaging made with recycled cardboard

No

Packaging without single use plastic

No

SCIP Number

C839c050-8547-41ce-b0db-e9813554fc09

EU RoHS Directive

[Compliant By Exemption](#)

REACH Regulation

[Reference contains Substances of Very High Concern above the threshold](#)

## Use Longer



### Lifetime extension

Repair

No

## Use Again



### Repack and remanufacture

WEEE Label



The product must be disposed on European Union markets following specific waste collection and never end up in rubbish bins