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

Excluding VAT, FCA Jabal Ali & are subject to change – check with your local distributor.

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

| | |
|---|---|
| **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 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** | 7.300 cm |
| **Package 1 Width** | 3.200 cm |
| **Package 1 Length** | 8.500 cm |
| **Package 1 Weight** | 248.000 g |
| **Unit Type of Package 2** | BB1 |
| **Number of Units in Package 2** | 6 |
| **Package 2 Height** | 8.000 cm |
| **Package 2 Width** | 9.000 cm |
| **Package 2 Length** | 22.500 cm |
| **Package 2 Weight** | 1.542 kg |
| **Unit Type of Package 3** | S03 |
| **Number of Units in Package 3** | 72 |
| **Package 3 Height** | 30.000 cm |

| | |
|---|---|
| **Package 3 Width** | 30.000 cm |
| **Package 3 Length** | 40.000 cm |
| **Package 3 Weight** | 19.073 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

| | |
|---|---|
| Total lifecycle Carbon footprint | **68 kg CO2 eq.** |
| Carbon footprint of the manufacturing phase [A1 to A3] | **2 kg CO2 eq.** |
| Carbon footprint of the distribution phase [A4] | **0 kg CO2 eq.** |
| Carbon footprint of the installation phase [A5] | **0 kg CO2 eq.** |
| Carbon footprint of the use phase [B2, B3, B4, B6] | **66 kg CO2 eq.** |
| Carbon footprint of the end-of-life phase [C1 to C4] | **0.6 kg CO2 eq.** |
| Environmental Disclosure | **Product Environmental Profile** |

## Use Better

### Materials and Substances

| | |
|---|---|
| Packaging made with recycled cardboard | **Yes** |
| Packaging without single use plastic | **No** |
| SCIP Number | **A5974528-db7a-4dab-baff-e3d40953a6f2** |
| EU RoHS Directive | **Compliant** |
| REACh Regulation | **Reference contains Substances of Very High Concern above the threshold** |
| OECD PFAS Regulation | **Item contains PFAS Chemicals** |
| POP Directive | **No POPs** |
| Halogen-free status | **Product contains halogen above thresholds** |
| Silicone-free | **No** |

## Use Again

### Repack and remanufacture

| | |
|---|---|
| Recyclability potential, in % | **53** |
| End of life manual availability | **No need of specific recycling operations** |
| Take-back | **No** |
| WEEE Label | **The product must be disposed on European Union markets following specific waste collection and never end up in rubbish bins** |