



## Main

|                             |  |
|-----------------------------|--|
| Circuit breaker application | Distribution   |
| Range of product            | C60  |
| Product or component type   | Circuit breaker  |
| Device short name           | C60H-DC  |
| Poles description           | 2P   |
| Number of protected poles   | 1  |
| [In] rated current          | 30 A at 25 °C  |
| Network type                | DC   |
| Trip unit technology        | Thermal-magnetic   |
| Curve code                  | C  |
| Breaking capacity           | 20 kA Icu conforming to IEC 60947-2 - 250 V DC<br>20 kA Icu conforming to GB 14048.2 - 250 V DC<br>20 kA Icu conforming to IEC 60947-2 - 220 V DC<br>20 kA Icu conforming to GB 14048.2 - 220 V DC<br>6 kA Icu conforming to IEC 60947-2 - 500 V DC<br>6 kA Icu conforming to EN 60947-2 - 500 V DC<br>10 kA Icu conforming to IEC 60947-2 - 440 V DC<br>10 kA Icu conforming to EN 60947-2 - 440 V DC |
| Utilisation category        | Category A conforming to IEC 60947-2<br>Category A conforming to EN 60947-2  |
| Suitability for isolation   | Yes conforming to EN 60947-2<br>Yes conforming to IEC 60947-2  |

## Complementary

|  |  |
|--|--|
| Network frequency                            | -  |
| [Ue] rated operational voltage               | 500 V DC   |
| Magnetic tripping limit                      | 7...10 x In  |
| [Ics] rated service breaking capacity        | 7.5 kA 75 % x Icu conforming to IEC 60947-2 - 440 V DC<br>7.5 kA 75 % x Icu conforming to EN 60947-2 - 440 V DC<br>4.5 kA 75 % x Icu conforming to IEC 60947-2 - 500 V DC<br>4.5 kA 75 % x Icu conforming to EN 60947-2 - 500 V DC<br>15 kA 75 % x Icu conforming to IEC 60947-2 - 250 V DC<br>15 kA 75 % x Icu conforming to EN 60947-2 - 250 V DC<br>15 kA 75 % x Icu conforming to IEC 60947-2 - 220 V DC<br>15 kA 75 % x Icu conforming to EN 60947-2 - 220 V DC |
| [Ui] rated insulation voltage                | 500 V DC conforming to EN 60947-2<br>500 V DC conforming to IEC 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 distribution block compatibility | Standard top or bottom   |
| 9 mm pitches                                 | 4  |
| Height                                       | 81 mm  |
| Width  | 36 mm  |
| Depth  | 73 mm  |
| Product weight                               | 0.256 kg   |
| Colour                                       | White  |

|                             |   |
|-----------------------------|---|
| Mechanical durability       | 20000 cycles  |
| Electrical durability       | 6000 cycles - 500 V DC<br>3000 cycles - 500 V DC  |
| Provision for padlocking    | Padlockable   |
| Locking options description | In position O   |
| Connections - terminals     | Tunnel type terminals, top or bottom for 1 rigid wire(s) 35 mm <sup>2</sup> max<br>Tunnel type terminals, top or bottom for 1 flexible wire(s) 25 mm <sup>2</sup> max |
| Tightening torque           | 2.5 N.m top or bottom power circuit   |
| Earth-leakage protection    | Without   |
| Product compatibility       | C60 accessories<br>C60 auxiliary  |

## Environment

|                                       |   |
|---------------------------------------|---|
| Standards                             | EN 60947-2<br>IEC 60947-2                                 |
| Pollution degree                      | 3 conforming to IEC 60947-2<br>3 conforming to EN 60947-2 |
| Tropicalisation                       | 2 conforming to IEC 60068-2                               |
| Relative humidity                     | 95 % 55 °C  |
| Operating altitude                    | 2000 m  |
| Ambient air temperature for operation | -25...70 °C   |
| Ambient air temperature for storage   | -40...85 °C   |

## Offer Sustainability

|                          |   |
|--------------------------|---|
| Sustainable offer status | Not Green Premium product   |
| RoHS                     | Compliant - since 1310 - <a href="#">Schneider Electric declaration of conformity</a> |