



### Main

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| Circuit breaker application | Distribution                                                                                                                                                                                                                                                                                        |
| Range of product            | C60                                                                                                                                                                                                                                                                                                 |
| Product or component type   | Circuit breaker                                                                                                                                                                                                                                                                                     |
| Device short name           | C60H-DC                                                                                                                                                                                                                                                                                             |
| Poles description           | 1P                                                                                                                                                                                                                                                                                                  |
| Number of protected poles   | 1                                                                                                                                                                                                                                                                                                   |
| [In] rated current          | 3 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 - 110 V DC<br>20 kA Icu conforming to EN 60947-2 - 110 V DC<br>6 kA Icu conforming to IEC 60947-2 - 250 V DC<br>6 kA Icu conforming to EN 60947-2 - 250 V DC<br>10 kA Icu conforming to IEC 60947-2 - 220 V DC<br>10 kA Icu conforming to EN 60947-2 - 220 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               | 250 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 - 220 V DC<br>7.5 kA 75 % x Icu conforming to EN 60947-2 - 220 V DC<br>4.5 kA 75 % x Icu conforming to IEC 60947-2 - 250 V DC<br>4.5 kA 75 % x Icu conforming to EN 60947-2 - 250 V DC<br>15 kA 75 % x Icu conforming to IEC 60947-2 - 110 V DC<br>15 kA 75 % x Icu conforming to EN 60947-2 - 110 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                                 | 2                                                                                                                                                                                                                                                                                                                                                   |
| Height                                       | 81 mm                                                                                                                                                                                                                                                                                                                                               |
| Width                                        | 18 mm                                                                                                                                                                                                                                                                                                                                               |
| Depth                                        | 73 mm                                                                                                                                                                                                                                                                                                                                               |
| Product weight                               | 0.128 kg                                                                                                                                                                                                                                                                                                                                            |
| Colour                                       | White                                                                                                                                                                                                                                                                                                                                               |
| Mechanical durability                        | 20000 cycles                                                                                                                                                                                                                                                                                                                                        |
| Electrical durability                        | 6000 cycles - 250 V DC<br>3000 cycles - 250 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) 25 mm <sup>2</sup> max<br>Tunnel type terminals, top or bottom for 1 flexible wire(s) 16 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> |