



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 | 2P |
| Number of protected poles | 1 |
| [In] rated current | 20 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 20 kA Icu conforming to GB 14048.2 - 250 V DC 20 kA Icu conforming to IEC 60947-2 - 220 V DC 20 kA Icu conforming to GB 14048.2 - 220 V DC 6 kA Icu conforming to IEC 60947-2 - 500 V DC 6 kA Icu conforming to EN 60947-2 - 500 V DC 10 kA Icu conforming to IEC 60947-2 - 440 V DC 10 kA Icu conforming to EN 60947-2 - 440 V DC |
| Utilisation category | Category A conforming to IEC 60947-2 Category A conforming to EN 60947-2 |
| Suitability for isolation | Yes conforming to EN 60947-2 Yes conforming to IEC 60947-2 |

Complementary

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| 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 7.5 kA 75 % x Icu conforming to EN 60947-2 - 440 V DC 4.5 kA 75 % x Icu conforming to IEC 60947-2 - 500 V DC 4.5 kA 75 % x Icu conforming to EN 60947-2 - 500 V DC 15 kA 75 % x Icu conforming to IEC 60947-2 - 250 V DC 15 kA 75 % x Icu conforming to EN 60947-2 - 250 V DC 15 kA 75 % x Icu conforming to IEC 60947-2 - 220 V DC 15 kA 75 % x Icu conforming to EN 60947-2 - 220 V DC |
| [Ui] rated insulation voltage | 500 V DC conforming to EN 60947-2 500 V DC conforming to IEC 60947-2 |
| [Uimp] rated impulse withstand voltage | 6 kV conforming to EN 60947-2 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 |

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| Mechanical durability | 20000 cycles |
| Electrical durability | 6000 cycles - 500 V DC 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) 25 mm ² max Tunnel type terminals, top or bottom for 1 flexible wire(s) 16 mm ² max |
| Tightening torque | 2.5 N.m top or bottom power circuit |
| Earth-leakage protection | Without |
| Product compatibility | C60 accessories C60 auxiliary |

Environment

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|---------------------------------------|---|
| Standards | EN 60947-2 IEC 60947-2 |
| Pollution degree | 3 conforming to IEC 60947-2 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

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|--------------------------|---|
| Sustainable offer status | Not Green Premium product |
| RoHS | Compliant - since 1310 - Schneider Electric declaration of conformity |