

Main

| | |
|-----------------------------|-------------------------------|
| Circuit breaker application | Distribution |
| Range of product | C60 |
| Device short name | C60L |
| Poles description | 1P |
| Number of protected poles | 1 |
| Network type | AC DC |
| Trip unit technology | Thermal-magnetic |
| Curve code | C |
| Suitability for isolation | Yes conforming to IEC 60947-2 |

Complementary

| | |
|--|--|
| [In] rated current | 4 A (40 °C) |
| Network frequency | 50/60 Hz |
| [Ue] rated operational voltage | 12...440 V AC 50/60 Hz |
| Magnetic tripping limit | 7...10 x In |
| Breaking capacity | Icu 50 kA at 130 V AC 50/60 Hz conforming to IEC 60947-2 Icu 25 kA at 230...240 V AC 50/60 Hz conforming to IEC 60947-2 Icu 6 kA at 400...415 V AC 50/60 Hz conforming to IEC 60947-2 Icu 25 kA at 60 V DC 1P conforming to IEC 60947-2 |
| [Ics] rated service breaking capacity | Ics 3 kA 400...415 V AC 50/60 Hz conforming to IEC 60947-2 Ics 12.5 kA 230...240 V AC 50/60 Hz conforming to IEC 60947-2 Ics 25 kA 130 V AC 50/60 Hz conforming to IEC 60947-2 |
| Limitation class | 3 conforming to IEC 60947-2 |
| [Ui] rated insulation voltage | 500 V AC 50/60 Hz conforming to IEC 60947-2 |
| [Uimp] rated impulse withstand voltage | 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 | NO |
| 9 mm pitches | 2 |
| Height | 81 mm |
| Width | 18 mm |
| Depth | 73 mm |
| Product weight | 0.12 kg |
| Mechanical durability | 20000 cycles |
| Connections - terminals | Tunnel type terminals 16 mm ² flexible Tunnel type terminals 25 mm ² rigid |
| Tightening torque | Power circuit: 2 N.m upside 2 N.m downside |
| Product compatibility | C60 accessories C60 auxiliary |

The information provided in this documentation contains general descriptions and/or technical characteristics of the products contained herein. 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. It is the duty of any such user or integrator to perform the appropriate and complete risk analysis, evaluation and testing of the products with respect to the relevant specific application or use thereof. Neither Schneider Electric Industries SAS nor any of its affiliates or subsidiaries shall be responsible or liable for misuse of the information contained herein.

Environment

| | |
|---------------------------------------|-----------------------------|
| Standards | EN 60898 IEC 60947-2 |
| Tropicalisation | 2 conforming to IEC 60068-1 |
| Relative humidity | 95 % (55 °C) |
| Operating altitude | 2000 m |
| Ambient air temperature for operation | -25...60 °C |
| Ambient air temperature for storage | -40...70 °C |
| RoHS EUR conformity date | 0643 |
| RoHS EUR status | Compliant |