

### 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	1 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 <sup>2</sup> flexible Tunnel type terminals 25 mm <sup>2</sup> 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 performance 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