



### Main

Range of product	C60
Range	Multi 9
Product name	C60
Product or component type	Miniature circuit-breaker
Device short name	C60L
Device application	Distribution
Poles description	2P
Number of protected poles	2
[In] rated current	50 A at 40 °C
Network type	DC AC
Trip unit technology	Thermal-magnetic
Curve code	C
Breaking capacity code	L
Breaking capacity	20 kA Icu conforming to EN/IEC 60947-2 - 440 V AC 50/60 Hz 50 kA Icu conforming to EN/IEC 60947-2 - 230...240 V AC 50/60 Hz 25 kA Icu conforming to EN/IEC 60947-2 - 400...415 V AC 50/60 Hz 30 kA Icu conforming to EN/IEC 60947-2 - 125 V DC 2P 50 kA Icu conforming to EN/IEC 60947-2 - 125 V DC 3P 60 kA Icu conforming to EN/IEC 60947-2 - <= 250 V DC 4P
Suitability for isolation	Yes conforming to IEC 60947-2

### Complementary

Network frequency	50/60 Hz
[Ue] rated operational voltage	<= 250 V DC 230...240 V AC 50/60 Hz 400...415 V AC 50/60 Hz 440 V AC 50/60 Hz
Magnetic tripping limit	7...10 x In
[Ics] rated service breaking capacity	10 kA conforming to EN/IEC 60947-2 - 440 V AC 50/60 Hz 25 kA conforming to EN/IEC 60947-2 - 230...240 V AC 50/60 Hz 12.5 kA conforming to EN/IEC 60947-2 - 400...415 V AC 50/60 Hz
Limitation class	3 conforming to EN/IEC 60947-2
Contact position indicator	Yes

Disclaimer: 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

Control type	Toggle
Local signalling	ON/OFF indication
Mounting mode	Clip-on
Mounting support	35 mm symmetrical DIN rail
Comb busbar and distribution block compatibility	NO
9 mm pitches	4
Height	81 mm
Width	36 mm
Depth	73 mm
Product weight	0.24 kg
Mechanical durability	20000 cycles
Connections - terminals	Tunnel type terminals flexible wire(s) 25 mm <sup>2</sup> max Tunnel type terminals rigid wire(s) 35 mm <sup>2</sup> max
Tightening torque	3.5 N.m downside 3.5 N.m upside power circuit
Earth-leakage protection	Separate block
Product compatibility	C60 auxiliary C60 accessories
Compatibility code	C60

## Environment

Standards	EN/IEC 60947-2 EN 60898
IP degree of protection	IP20 conforming to IEC 60529
Overvoltage category	IV
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

## Contractual warranty

Warranty period	18 months
-----------------	-----------