



Main

Range	Multi 9
Product name	Multi 9 C60
Product or component type	Miniature circuit-breaker
Device short name	C60SP
Device application	Distribution
Poles description	1P
Number of protected poles	1
[In] rated current	6 A at 25 °C conforming to EN/IEC 60947-2
Network type	DC AC
Trip unit technology	Thermal-magnetic
Curve code	C
Breaking capacity	AIR 10 kA at 277 V AC conforming to UL 1077 AIR 14 kA at 240 V AC conforming to UL 1077 AIR 14 kA at 120 V AC conforming to UL 1077 AIR 10 kA at 65 V DC conforming to UL 1077 AIR 10 kA at 277 V AC conforming to CSA C22.2 No 235 AIR 14 kA at 240 V AC conforming to CSA C22.2 No 235 AIR 14 kA at 120 V AC conforming to CSA C22.2 No 235 AIR 10 kA at 65 V DC conforming to CSA C22.2 No 235 Icu 3 kA at 415 V AC conforming to EN/IEC 60947-2 Icu 10 kA at 240 V AC conforming to EN/IEC 60947-2 Icu 20 kA at 60 V DC conforming to EN/IEC 60947-2 Icu 3 kA at 415 V AC conforming to GB 14048.2 Icu 10 kA at 240 V AC conforming to GB 14048.2 Icu 20 kA at 60 V DC conforming to GB 14048.2
Suitability for isolation	Yes conforming to EN/IEC 60947-2
Standards	UL 1077 GB 14048.2 EN/IEC 60947-2 CSA C22.2 No 235
Product certifications	CSA CCC

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

Complementary

[Ue] rated operational voltage	240 V AC 50/60 Hz 415 V AC 50/60 Hz 60 V DC
Magnetic tripping limit	8.5 x I _n +/- 20% AC 12 x I _n +/- 20% DC
[Ics] rated service breaking capacity	2.25 kA 75 % x I _{cu} at 415 V AC conforming to EN/IEC 60947-2 7.5 kA 75 % x I _{cu} at 240 V AC conforming to EN/IEC 60947-2 20 kA 100 % x I _{cu} at 60 V DC conforming to EN/IEC 60947-2 2.25 kA 75 % x I _{cu} at 415 V AC conforming to GB 14048.2 7.5 kA 75 % x I _{cu} at 240 V AC conforming to GB 14048.2 20 kA 100 % x I _{cu} at 60 V DC conforming to GB 14048.2
[Ui] rated insulation voltage	500 V AC conforming to EN/IEC 60947-2
[Uimp] rated impulse withstand voltage	6 kV conforming to EN/IEC 60947-2
Contact position indicator	Yes
Control type	Toggle
Local signalling	ON/OFF indication
Mounting mode	Clip-on
Mounting support	DIN rail
9 mm pitches	2
Height	81 mm
Width	18 mm
Depth	72 mm
Colour	Grey
Mechanical durability	20000 cycles
Electrical durability	10000 cycles
Provision for padlocking	Padlockable
Connections - terminals	Tunnel type terminal, top or bottom flexible with ferrule wire(s) 1...16 mm ² max (AWG 18...AWG 8) Tunnel type terminal, top or bottom rigid wire(s) 1...25 mm ² max (AWG 18...AWG 8) Tunnel type terminal, top or bottom flexible wire(s) 1...16 mm ² max (AWG 18...AWG 8)
Wire stripping length	14 mm (top or bottom)
Tightening torque	2.5 N.m (top or bottom)
Earth-leakage protection	Without

Environment

IP degree of protection	IP40 for modular enclosure conforming to IEC 60529 IP20 conforming to IEC 60529
Pollution degree	3 conforming to EN/IEC 60947-2
Tropicalisation	2 conforming to IEC 60068-1
Relative humidity	95 % (55 °C)
Operating altitude	0...2000 m
Ambient air temperature for operation	-30...70 °C
Ambient air temperature for storage	-40...80 °C

Offer Sustainability

Sustainable offer status	Not Green Premium product
REACH	Reference not containing SVHC above the threshold Reference not containing SVHC above the threshold