



### Main

Range	Multi 9
Product name	Multi 9 C60
Product or Component Type	Miniature circuit-breaker
Device short name	C60BP
Device Application	Distribution
Poles description	2P
Number of protected poles	2
Line Rated Current	45 A 77 °F (25 °C) EN/IEC 60947-2
Network type	AC
Trip unit technology	Thermal-magnetic
Curve code	C
Breaking capacity	6 KA Icu 440 V AC EN/IEC 60947-2 10 KA Icu 415 V AC EN/IEC 60947-2 20 KA Icu 240 V AC EN/IEC 60947-2 6 KA Icu 440 V AC GB 14048.2 10 KA Icu 415 V AC GB 14048.2 20 KA Icu 240 V AC GB 14048.2 10 KA AIR 240 V AC UL 489 10 kA AIR 240 V AC CSA C22.2 No 5
Suitability for isolation	Yes EN/IEC 60947-2
Standards	EN/IEC 60947-2 GB 14048.2 UL 489 CSA C22.2 No 5
Product certifications	IEC CCC CSA UL

### Complementary

[Ue] rated operational voltage	240 V AC 50/60 Hz 415 V AC 50/60 Hz 440 V AC 50/60 Hz
Magnetic tripping limit	8.5 x In +/- 20 % AC
[Ics] rated service breaking capacity	4.5 KA 75 % EN/IEC 60947-2 - 440 V AC 7.5 KA 75 % EN/IEC 60947-2 - 415 V AC 15 KA 75 % EN/IEC 60947-2 - 240 V AC 4.5 KA 75 % GB 14048.2 - 440 V AC 7.5 KA 75 % GB 14048.2 - 415 V AC 15 KA 75 % GB 14048.2 - 240 V AC
[Ui] rated insulation voltage	500 V AC EN/IEC 60947-2
[Uimp] rated impulse withstand voltage	6 kVEN/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	4
Height	4.06 in (103 mm)
Width	1.42 in (36 mm)
Depth	2.83 in (72 mm)
Color	Gray

Mechanical durability	20000 cycles
Electrical durability	10000 cycles
Provision for padlocking	Padlockable
Connections - terminals	Tunnel type terminal top or bottom) 0.00...0.05 in <sup>2</sup> (1...35 mm <sup>2</sup> ) AWG 18...AWG 2) - rigid Tunnel type terminal top or bottom) 0.00...0.04 in <sup>2</sup> (1...25 mm <sup>2</sup> ) AWG 18...AWG 3) - flexible with ferrule Tunnel type terminal top or bottom) 0.00...0.04 in <sup>2</sup> (1...25 mm <sup>2</sup> ) AWG 18...AWG 3) - flexible
Wire stripping length	0.55 in (14 mm) top or bottom
Tightening torque	30.98 lbf.in (3.5 N.m) top or bottom
Earth-leakage protection	Without

## Environment

IP degree of protection	IP20(IEC 60529 IP40 modular enclosure)IEC 60529
Pollution degree	3 EN/IEC 60947-2
Tropicalisation	2 IEC 60068-1
Relative humidity	95 % 131 °F (55 °C)
Operating altitude	0...6561.68 ft (0...2000 m)
Ambient air temperature for operation	-22...158 °F (-30...70 °C)
Ambient Air Temperature for Storage	-40...176 °F (-40...80 °C)

## Ordering and shipping details

Category	00949-M9 GEN 2 CB UL489
Discount Schedule	DE2
GTIN	3606481169716
Nbr. of units in pkg.	1
Package weight(Lbs)	9.24 oz (262.0 g)
Returnability	No
Country of origin	FR

## Packing Units

Unit Type of Package 1	PCE
Package 1 Height	1.42 in (3.6 cm)
Package 1 width	2.95 in (7.5 cm)
Package 1 Length	4.06 in (10.3 cm)
Unit Type of Package 2	S03
Number of Units in Package 2	54
Package 2 Weight	33.53 lb(US) (15.211 kg)
Package 2 Height	11.81 in (30 cm)
Package 2 width	11.81 in (30 cm)
Package 2 Length	15.75 in (40 cm)
Unit Type of Package 3	BB1
Number of Units in Package 3	6
Package 3 Weight	3.61 lb(US) (1.636 kg)
Package 3 Height	4.33 in (11 cm)
Package 3 width	3.15 in (8 cm)
Package 3 Length	8.66 in (22 cm)

## Offer Sustainability

Sustainable offer status	Green Premium product
REACH Regulation	<a href="#">REACH Declaration</a>
EU RoHS Directive	Compliant <a href="#">EU RoHS Declaration</a>
Mercury free	Yes
RoHS exemption information	<a href="#">Yes</a>
China RoHS Regulation	<a href="#">China RoHS Declaration</a>
Environmental Disclosure	<a href="#">Product Environmental Profile</a>
WEEE	The product must be disposed on European Union markets following specific waste collection and never end up in rubbish bins.
Halogen content performance	Halogen free product