



### Main

Range	Multi 9
Product name	Multi 9 C60
Product or component type	Miniature circuit-breaker
Device short name	C60BPR
Device application	Distribution
Poles description	1P
Number of protected poles	1
Line Rated Current	45 A 77 °F (25 °C) EN/IEC 60947-2
Network type	DC AC
Trip unit technology	Thermal-magnetic
Curve code	Z
Breaking capacity	3 KA Icu 415 V AC EN/IEC 60947-2 10 KA Icu 240 V AC EN/IEC 60947-2 20 KA Icu 60 V DC EN/IEC 60947-2 3 KA Icu 415 V AC GB 14048.2 10 KA Icu 240 V AC GB 14048.2 20 KA Icu 60 V DC GB 14048.2 10 KA AIR 60 V DC UL 489 10 KA AIR 240 V AC UL 489 10 KA AIR 120 V AC UL 489 10 KA AIR 60 V DC CSA C22.2 No 5 10 KA AIR 240 V AC CSA C22.2 No 5 10 kA AIR 120 V AC CSA C22.2 No 5
Suitability for isolation	Yes conforming to 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 60 V DC
Magnetic tripping limit	3 x In +/- 20 % AC 4.2 x In +/- 20 % DC
[Ics] rated service breaking capacity	2.25 KA 75 % EN/IEC 60947-2 - 415 V AC 7.5 KA 75 % EN/IEC 60947-2 - 240 V AC 2.25 KA 75 % GB 14048.2 - 415 V AC 7.5 KA 75 % GB 14048.2 - 240 V AC 15 KA 75 % GB 14048.2 - 60 V DC 15 kA 75 % EN/IEC 60947-2 - 60 V DC
[Ui] rated insulation voltage	500 V AC EN/IEC 60947-2
[Uimp] rated impulse withstand voltage	6 kV 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	5.00 in (127 mm)
Width	0.71 in (18 mm)
Depth	2.83 in (72 mm)
Color	Grey
Mechanical durability	20000 cycles
Electrical durability	10000 cycles
Provision for padlocking	Padlockable
Connections - terminals	Ring terminal top or bottom)
Tightening torque	2 N.m top or bottom
Earth-leakage protection	Without

## Environment

IP degree of protection	IP20 conforming to IEC 60529 IP40 (modular enclosure) conforming to IEC 60529
Pollution degree	3 EN/IEC 60947-2
Tropicalisation	2 conforming to IEC 60068-1
Relative humidity	95 % at 55 °C
Operating altitude	0...6561.68 ft (0...2000 m)
Ambient air temperature for operation	-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	00785901136750
Nbr. of units in pkg.	1
Package weight(Lbs)	0.35 lb(US) (0.16 kg)
Returnability	No
Country of origin	FR

## Packing Units

Unit Type of Package 1	PCE
Package 1 Height	0.71 in (1.8 cm)
Package 1 width	2.95 in (7.5 cm)
Package 1 Length	5.00 in (12.7 cm)
Unit Type of Package 2	BB1
Number of Units in Package 2	12
Package 2 Weight	4.35 lb(US) (1.971 kg)
Package 2 Height	8.66 in (22 cm)
Package 2 width	3.15 in (8 cm)
Package 2 Length	5.12 in (13 cm)
Unit Type of Package 3	S03
Number of Units in Package 3	96
Package 3 Weight	35.84 lb(US) (16.255 kg)
Package 3 Height	11.81 in (30 cm)
Package 3 width	11.81 in (30 cm)
Package 3 Length	15.75 in (40 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