

# Product data sheet

Specifications



## Miniature circuit breaker (MCB), Multi9 C60BP, 3P, 4A, C curve, 10kA (UL489), 10kA (IEC/EN 60947-2)

M9F42304

**Product availability: Stock - Normally stocked in distribution facility**

### Main

Range	Multi9
Product name	Multi9 C60
Product or Component Type	Miniature circuit-breaker
Device short name	C60BP
Device Application	Distribution
Poles description	3P
Number of protected poles	3
Line Rated Current	4 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 14 kA AIR 240 V AC UL 489 10 kA AIR 480Y/277 V AC UL 489 14 kA AIR 240 V AC CSA C22.2 No 5 10 kA AIR 480Y/277 V AC CSA C22.2 No 5
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

Price is "List Price" and may be subject to a trade discount – check with your local distributor or retailer for actual price.

<b>[Ui] rated insulation voltage</b>	500 V AC EN/IEC 60947-2
<b>[Uimp] rated impulse withstand voltage</b>	6 kV/IEC 60947-2
<b>Suitability for isolation</b>	Yes EN/IEC 60947-2
<b>Contact position indicator</b>	Yes
<b>Control Type</b>	Toggle
<b>Local signalling</b>	ON/OFF indication
<b>Mounting Mode</b>	Clip-on
<b>Mounting Support</b>	DIN rail
<b>9 mm pitches</b>	6
<b>Height</b>	4.06 in (103 mm)
<b>Width</b>	2.1 in (54 mm)
<b>Depth</b>	2.8 in (72 mm)
<b>color</b>	Gray
<b>Mechanical durability</b>	20000 cycles
<b>Electrical durability</b>	10000 cycles
<b>Provision for padlocking</b>	Padlockable
<b>Connections - terminals</b>	Tunnel type terminal top or bottom) 0.002...0.04 in <sup>2</sup> (1...25 mm <sup>2</sup> ) AWG 18...AWG 8) - rigid Tunnel type terminal top or bottom) 0.002...0.02 in <sup>2</sup> (1...16 mm <sup>2</sup> ) AWG 18...AWG 8) - flexible with ferrule Tunnel type terminal top or bottom) 0.002...0.02 in <sup>2</sup> (1...16 mm <sup>2</sup> ) AWG 18...AWG 8) - flexible
<b>Wire stripping length</b>	0.6 in (14 mm) for top or bottom connection
<b>Tightening torque</b>	22.1 lbf.in (2.5 N.m) top or bottom
<b>Earth-leakage protection</b>	Without

## Environment

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

## Ordering and shipping details

<b>Category</b>	US10DE200949
<b>Discount Schedule</b>	0DE2
<b>GTIN</b>	3606481169990
<b>Returnability</b>	Yes
<b>Country of origin</b>	FR

## Packing Units

<b>Unit Type of Package 1</b>	PCE
<b>Nbr. of units in pkg.</b>	1
<b>Package 1 Height</b>	2.953 in (7.500 cm)
<b>Package 1 Width</b>	2.126 in (5.400 cm)
<b>Package 1 Length</b>	4.055 in (10.300 cm)
<b>Package weight(Lbs)</b>	13.016 oz (369.000 g)
<b>Unit Type of Package 2</b>	BB1
<b>Number of Units in Package 2</b>	4
<b>Package 2 Height</b>	3.268 in (8.300 cm)
<b>Package 2 Width</b>	4.252 in (10.800 cm)
<b>Package 2 Length</b>	8.661 in (22.000 cm)
<b>Package 2 Weight</b>	3.386 lb(US) (1.536 kg)
<b>Unit Type of Package 3</b>	S03
<b>Number of Units in Package 3</b>	36
<b>Package 3 Height</b>	11.811 in (30.000 cm)
<b>Package 3 Width</b>	11.811 in (30.000 cm)
<b>Package 3 Length</b>	15.748 in (40.000 cm)
<b>Package 3 Weight</b>	31.550 lb(US) (14.311 kg)



## Environmental Data

Schneider Electric aims to achieve Net Zero status by 2050 through supply chain partnerships, lower impact materials, and circularity via our ongoing “Use Better, Use Longer, Use Again” campaign to extend product lifetimes and recyclability.

[Environmental Data explained >](#)

[How we assess product sustainability >](#)

### Environmental footprint

Carbon footprint (kg CO2 eq, Total Life cycle) 36

Environmental Disclosure [Product Environmental Profile](#)

## Use Better

### Materials and Substances

Packaging made with recycled cardboard Yes

Packaging without single use plastic Yes

[EU RoHS Directive](#) Compliant

SCIP Number 40a4e715-7fff-45ff-88bf-38212f6a80a5

REACH Regulation [REACH Declaration](#)

California proposition 65 **WARNING:** This product can expose you to chemicals including: DIDP, which is known to the State of California to cause birth defects or other reproductive harm. For more information go to [www.P65Warnings.ca.gov](http://www.P65Warnings.ca.gov)

## Use Again

### Repack and remanufacture

Circularity Profile No need of specific recycling operations

Take-back No

WEEE Label  The product must be disposed on European Union markets following specific waste collection and never end up in rubbish bins.