

# Product data sheet

Specifications



## Miniature circuit breaker (MCB), Multi9 C60SP, 2P, 8A, C curve, 10kA (UL1077), 10kA (IEC/EN 60947-2)

M9F22208

Product availability: Stock - Normally stocked in distribution facility

Price\*: 218.00 USD

### Main

Range	Multi9
Product Name	Multi9 C60
Product Or Component Type	Miniature circuit-breaker
Device Short Name	C60SP
Device Application	Distribution
Poles Description	2P
Number Of Protected Poles	2
Line Rated Current	8 A 77 °F (25 °C) EN/IEC 60947-2
Network Type	AC DC
Trip Unit Technology	Thermal-magnetic
Curve Code	C
Breaking Capacity	14 kA AIR 240 V AC UL 1077 14 kA AIR 240 V AC CSA C22.2 No 235 10 kA AIR 480Y/277 V AC UL 1077 10 kA AIR 125 V DC UL 1077 10 kA AIR 480Y/277 V AC CSA C22.2 No 235 10 kA AIR 125 V DC CSA C22.2 No 235 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
Suitability For Isolation	Yes EN/IEC 60947-2
Standards	EN/IEC 60947-2 GB 14048.2 UL 1077 CSA C22.2 No 235
Product Certifications	IEC CCC UR CSA

### Complementary

[Ue] Rated Operational Voltage	240 V AC 50/60 Hz 415 V AC 50/60 Hz 440 V AC 50/60 Hz
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Price is "List Price" and may be subject to a trade discount – check with your local distributor or retailer for actual price.

<b>Magnetic Tripping Limit</b>	8.5 x In +/- 20 % AC 12 x In +/- 20 % DC
<b>[Ics] Rated Service Breaking Capacity</b>	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
<b>[Ui] Rated Insulation Voltage</b>	500 V AC EN/IEC 60947-2
<b>[Uimp] Rated Impulse Withstand Voltage</b>	6 kV 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>	4
<b>Height</b>	3.19 in (81 mm)
<b>Width</b>	1.42 in (36 mm)
<b>Depth</b>	2.83 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) 0.00...0.04 in <sup>2</sup> (1...25 mm <sup>2</sup> ) AWG 18...AWG 8) - rigid Tunnel type terminal top or bottom) 0.00...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) 0.00...0.02 in <sup>2</sup> (1...16 mm <sup>2</sup> ) AWG 18...AWG 8) - flexible
<b>Wire Stripping Length</b>	0.55 in (14 mm) for top or bottom connection
<b>Tightening Torque</b>	22.13 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>	US10DE200948
<b>Discount Schedule</b>	0DE2
<b>Gtin</b>	3606481168399

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<b>Returnability</b>	Yes
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<b>Country Of Origin</b>	US
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## Packing Units

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<b>Unit Type Of Package 1</b>	PCE
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<b>Number Of Units In Package 1</b>	1
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<b>Package 1 Height</b>	1.42 in (3.6 cm)
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<b>Package 1 Width</b>	2.95 in (7.5 cm)
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<b>Package 1 Length</b>	3.35 in (8.5 cm)
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<b>Package 1 Weight</b>	7.83 oz (222.0 g)
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<b>Unit Type Of Package 2</b>	BB1
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<b>Number Of Units In Package 2</b>	6
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<b>Package 2 Height</b>	3.15 in (8.0 cm)
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<b>Package 2 Width</b>	3.54 in (9.0 cm)
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<b>Package 2 Length</b>	8.86 in (22.5 cm)
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<b>Package 2 Weight</b>	3.05 lb(US) (1.383 kg)
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<b>Unit Type Of Package 3</b>	S03
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<b>Number Of Units In Package 3</b>	72
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<b>Package 3 Height</b>	11.81 in (30.0 cm)
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<b>Package 3 Width</b>	11.81 in (30.0 cm)
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<b>Package 3 Length</b>	15.75 in (40.0 cm)
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<b>Package 3 Weight</b>	37.66 lb(US) (17.083 kg)
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## Sustainability

**Green Premium™ label** is Schneider Electric's commitment to delivering products with best-in-class environmental performance. Green Premium promises compliance with the latest regulations, transparency on environmental impacts, as well as circular and low-CO<sub>2</sub> products.

**Guide to assessing product sustainability** is a white paper that clarifies global eco-label standards and how to interpret environmental declarations.

[Learn more about Green Premium >](#)

[Guide to assess a product's sustainability >](#)



Transparency RoHS/REACH

## Well-being performance

Mercury Free

Rohs Exemption Information Yes

Halogen Free Product

## Certifications & Standards

**Reach Regulation** [REACH Declaration](#)

**Eu Rohs Directive** Compliant with Exemptions

**China Rohs Regulation** [China RoHS declaration](#)  
Product out of China RoHS scope. Substance declaration for your information.

**Environmental Disclosure** [Product Environmental Profile](#)

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

**Circularity Profile** No need of specific recycling operations