

# Product data sheet

Specifications



Miniature circuit breaker (MCB),  
Multi9 C60SP, 3P, 6A, D curve,  
10kA (UL1077), 10kA (IEC/EN  
60947-2)

M9F23306

Product availability: Stock - Normally stocked in distribution facility

Price\*: 315.00 USD

## Main

Range	Multi9
Product name	Multi9 C60
Product or Component Type	Miniature circuit-breaker
Device short name	C60SP
Device Application	Distribution
poles description	3P
Number of protected poles	3
Line Rated Current	6 A 77 °F (25 °C) EN/IEC 60947-2
network type	AC
Trip unit technology	Thermal-magnetic
Curve code	D
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 480Y/277 V AC 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
Magnetic tripping limit	12 x In +/- 20 % AC

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

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

[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	6
Height	3.2 in (81 mm)
Width	2.1 in (54 mm)
Depth	2.8 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) 0.002...0.04 in² (1...25 mm²) AWG 18...AWG 8) - rigid Tunnel type terminal top or bottom) 0.002...0.02 in² (1...16 mm²) AWG 18...AWG 8) - flexible with ferrule Tunnel type terminal top or bottom) 0.002...0.02 in² (1...16 mm²) AWG 18...AWG 8) - flexible
Wire stripping length	0.6 in (14 mm) for top or bottom connection
Tightening torque	22.1 lbf.in (2.5 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 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	US10DE200948
Discount Schedule	0DE2
GTIN	3606481169181
Returnability	Yes

Country of origin	FR
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## Packing Units

Unit Type of Package 1	PCE
Number of Units in Package 1	1
Package 1 Height	3.0 in (7.5 cm)
Package 1 Width	2.1 in (5.4 cm)
Package 1 Length	3.3 in (8.5 cm)
Package 1 Weight	11.9 oz (338.0 g)
Unit Type of Package 2	BB1
Number of Units in Package 2	4
Package 2 Height	3.1 in (8.0 cm)
Package 2 Width	3.5 in (9.0 cm)
Package 2 Length	8.9 in (22.5 cm)
Package 2 Weight	3.075 lb(US) (1.395 kg)
Unit Type of Package 3	S03
Number of Units in Package 3	48
Package 3 Height	11.8 in (30.0 cm)
Package 3 Width	11.8 in (30.0 cm)
Package 3 Length	15.7 in (40.0 cm)
Package 3 Weight	38.006 lb(US) (17.239 kg)

Sustainability



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




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[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	<a href="#">REACH Declaration</a>
Eu Rohs Directive	Compliant with Exemptions
China Rohs Regulation	<a href="#">China RoHS declaration</a> Product out of China RoHS scope. Substance declaration for your information.
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.
Circularity Profile	No need of specific recycling operations