Product data sheet

Specifications

Miniature circuit breaker (MCB), Multi9 C60BP, 1P, 4A, C curve, 14kA (UL489), 10kA (IEC/EN 60947-2)

M9F42104

Product availability: Stock - Normally stocked in distribution facility

Price*: 125.00 USD

Main

Range	Multi9
Product name	Multi9 C60
Product or Component Type	Miniature circuit-breaker
Device short name	C60BP
Device Application	Distribution
poles description	1P
Number of protected poles	1
Line Rated Current	4 A 77 °F (25 °C) EN/IEC 60947-2
network type	DC AC
Trip unit technology	Thermal-magnetic
Curve code	C
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 277 V AC UL 489 14 kA AIR 240 V AC UL 489 14 kA AIR 120 V AC UL 489 10 kA AIR 60 V DC UL 489 10 kA AIR 277 V AC CSA C22.2 No 5 14 kA AIR 240 V AC CSA C22.2 No 5 14 kA AIR 120 V AC CSA C22.2 No 5 10 kA AIR 60 V DC 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 60 V DC

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

Magnetic tripping limit	8.5 x In +/- 20 % AC 12 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 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	2
Height	4.06 in (103 mm)
Width	0.7 in (18 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	US10DE200949
Discount Schedule	0DE2
GTIN	3606481169648

Returnability	Yes
Country of origin	CN

Packing Units

Unit Type of Package 1	PCE
Number of Units in Package 1	1
Package 1 Height	0.7 in (1.8 cm)
Package 1 Width	2.8 in (7.2 cm)
Package 1 Length	4.06 in (10.3 cm)
Package 1 Weight	4.3 oz (122 g)
Unit Type of Package 2	BB1
Number of Units in Package 2	12
Package 2 Height	3.1 in (8 cm)
Package 2 Width	8.7 in (22 cm)
Package 2 Length	4.3 in (10.8 cm)
Package 2 Weight	3.347 lb(US) (1.518 kg)
Unit Type of Package 3	S03
Number of Units in Package 3	108
Package 3 Height	11.8 in (30 cm)
Package 3 Width	11.8 in (30 cm)
Package 3 Length	15.7 in (40 cm)
Package 3 Weight	31.246 lb(US) (14.173 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.

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