

# Product data sheet

## Characteristics

# M9F43125

Miniature circuit breaker (MCB), Multi9 C60BP, 1P, 25A, D curve, 14kA (UL489), 10kA (IEC/EN 60947-2)

Product availability: Stock - Normally stocked in distribution facility

Price\*: 114.00 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	25 A 77 °F (25 °C) EN/IEC 60947-2
Network type	DC AC
Trip unit technology	Thermal-magnetic
Curve code	D
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
Standards	EN/IEC 60947-2 GB 14048.2 UL 489 CSA C22.2 No 5
Product certifications	IEC[RETURN]CCC[RETURN]CSA[RETURN]JUL

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## Complementary

[Ue] rated operational voltage	240 V AC 50/60 Hz 415 V AC 50/60 Hz 60 V DC
Magnetic tripping limit	12 x In +/- 20 % AC 17 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
Suitability for isolation	Yes 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	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 in <sup>2</sup> (1...25 m- m <sup>2</sup> ) AWG 18...AWG 8) - rigid Tunnel type terminal top or bottom) 0.002...0.02 in <sup>2</sup> (1...16 m- m <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 m- m <sup>2</sup> ) 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	3606481170095
Returnability	Yes
Country of origin	FR

## Packing Units

Unit Type of Package 1	PCE
Number of Units in Package 1	1
Package 1 Height	0.71 In (1.8 cm)
Package 1 Width	2.95 In (7.5 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	3.27 In (8.3 cm)
Package 2 Width	4.25 In (10.8 cm)
Package 2 Length	8.66 In (22 cm)
Package 2 Weight	3.37 Lb(US) (1.53 kg)
Unit Type of Package 3	S03
Number of Units in Package 3	108
Package 3 Height	11.81 In (30 cm)
Package 3 Width	11.81 In (30 cm)
Package 3 Length	15.75 In (40 cm)
Package 3 Weight	31.431 Lb(US) (14.257 kg)

## Environmental data

Packaging without single use plastic	Yes
Packaging made with recycled cardboard	Yes
SCIP Number	40a4e715-7fff-45ff-88bf-38212f6a80a5
California proposition 65	WARNING: This product can expose you to chemicals including: DID-P, which is known to the State of California to cause birth defects or other reproductive harm. For more information go to <a href="http://www.P65Warnings.ca.gov">www.P65Warnings.ca.gov</a>
REACH Regulation	<a href="#">REACH Declaration</a>
EU RoHS Directive	Compliant <a href="#">EU RoHS Declaration</a>
Toxic heavy metal free	Yes
Mercury free	Yes
RoHS exemption information	<a href="#">Yes</a>
Environmental Disclosure	<a href="#">Product Environmental Profile</a>
Circularity Profile	No need of specific recycling operations
WEEE	The product must be disposed on European Union markets following specific waste collection and never end up in rubbish bins.
Take-back	No
Carbon footprint (kg CO2 eq, Total Life cycle)	20

Product Life Status : **Commercialised**