

# M9F23425

Miniature circuit breaker (MCB), Multi9 C60SP, 4P, 25A, D curve, 10kA (UL1077), 10kA (IEC/EN 60947-2)

## Main

Range	Multi9
Product name	Multi9 C60
Product or Component Type	Miniature circuit-breaker
Device short name	C60SP
Device Application	Distribution
Poles description	4P
Number of protected poles	4
Line Rated Current	25 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
Standards	EN/IEC 60947-2 GB 14048.2 UL 1077 CSA C22.2 No 235
Product certifications	IEC[RETURN]CCC[RETURN]UR[RETURN]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
[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
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	8
Height	3.2 in (81 mm)
Width	2.8 in (72 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 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
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	ODE2
GTIN	3606481169259
Returnability	Yes
Country of origin	FR

## Packing Units

Unit Type of Package 1	PCE
Number of Units in Package 1	1
Package 1 Height	3.00 in (7.62 cm)
Package 1 Width	3.00 in (7.62 cm)
Package 1 Length	3.40 in (8.64 cm)
Package 1 Weight	1.01 lb(US) (0.46 kg)
Unit Type of Package 2	BB1
Number of Units in Package 2	3
Package 2 Height	3.54 in (9 cm)
Package 2 Width	3.15 in (8 cm)
Package 2 Length	9.06 in (23 cm)
Package 2 Weight	3.150 lb(US) (1.429 kg)
Unit Type of Package 3	S03
Number of Units in Package 3	36
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	38.879 lb(US) (17.635 kg)

## Offer Sustainability

Packaging without single use plastic	Yes
Packaging made with recycled cardboard	Yes
SCIP Number	40a4e715-7fff-45ff-88bf-38212f6a80a5
REACH Regulation	<a href="#">REACH Declaration</a>
REACH free of SVHC	Yes
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>
China RoHS Regulation	<a href="#">China RoHS Declaration</a>
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)	60