Product data sheet
Characteristics

M9F23213
Multi 9 - C60SP - MCB - 2P - 13 A - D Curve - 480Y/277 V - 10 kA - UL 1077

Product availability : Stock - Normally stocked in distribution facility

Price* : 218.00 USD



Main

Range	Multi 9
Product name	Multi 9 C60
Product or component type	Miniature circuit-breaker
Device short name	C60SP
Device application	Distribution
Poles description	2P
Number of protected poles	2
[In] rated current	13 A at 77 °F (25 °C) conforming to EN/IEC 60947-2
Network type	AC DC
Trip unit technology	Thermal-magnetic
Curve code	D
Breaking capacity	AIR 14 kA at 240 V AC conforming to UL 1077 AIR 14 kA at 240 V AC conforming to CSA C22.2 No 235 AIR 10 kA at 480Y/277 V AC conforming to UL 1077 AIR 10 kA at 125 V DC conforming to UL 1077 AIR 10 kA at 480Y/277 V AC conforming to CSA C22.2 No 235 AIR 10 kA at 125 V DC conforming to CSA C22.2 No 235 Icu 6 kA at 440 V AC conforming to EN/IEC 60947-2 Icu 10 kA at 415 V AC conforming to EN/IEC 60947-2 Icu 20 kA at 240 V AC conforming to EN/IEC 60947-2 Icu 6 kA at 440 V AC conforming to GB 14048.2 Icu 10 kA at 415 V AC conforming to GB 14048.2 Icu 20 kA at 240 V AC conforming to GB 14048.2
Suitability for isolation	Yes conforming to EN/IEC 60947-2
Standards	UL 1077 GB 14048.2 EN/IEC 60947-2 CSA C22.2 No 235
Product certifications	CSA CCC

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

	IEC UR

Complementary

System 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 17 x In +/- 20% DC
[Ics] rated service breaking capacity	4.5 kA 75 % x Icu at 440 V AC conforming to EN/IEC 60947-2 7.5 kA 75 % x Icu at 415 V AC conforming to EN/IEC 60947-2 15 kA 75 % x Icu at 240 V AC conforming to EN/IEC 60947-2 4.5 kA 75 % x Icu at 440 V AC conforming to GB 14048.2 7.5 kA 75 % x Icu at 415 V AC conforming to GB 14048.2 15 kA 75 % x Icu at 240 V AC conforming to GB 14048.2
[Ui] rated insulation voltage	500 V ACconforming to EN/IEC 60947-2
[Uimp] rated impulse withstand voltage	6 kV conforming to 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	4
Height	3.19 in (81 mm)
Width	1.42 in (36 mm)
Depth	2.83 in (72 mm)
Colour	Grey
Mechanical durability	20000 cycles
Electrical durability	10000 cycles
Provision for padlocking	Padlockable
Connections - terminals	Tunnel type terminal, top or bottom flexible with ferrule wire(s) 0...0.02 in² (1...16 mm²) max (AWG 18...AWG 8) Tunnel type terminal, top or bottom rigid wire(s) 0...0.04 in² (1...25 mm²) max (AWG 18...AWG 8) Tunnel type terminal, top or bottom flexible wire(s) 0...0.02 in² (1...16 mm²) max (AWG 18...AWG 8)
Wire stripping length	0.55 in (14 mm) (top or bottom)
Tightening torque	22.12 lbf.in (2.5 N.m) (top or bottom)
Earth-leakage protection	Without

Environment

IP degree of protection	IP40 modular enclosure conforming to IEC 60529 IP20 conforming to IEC 60529
Pollution degree	3 conforming to EN/IEC 60947-2
Tropicalisation	2 conforming to 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	00948 - M9 GEN 2 CB UL1077 / IEC
Discount Schedule	DE2
GTIN	00785901733683
Nbr. of units in pkg.	1
Package weight(Lbs)	0.5
Returnability	Y
Country of origin	FR

Offer Sustainability

Sustainable offer status	Green Premium product
RoHS (date code: YYWW)	Compliant - since 1719 - Schneider Electric declaration of conformity Schneider Electric declaration of conformity
REACh	Reference not containing SVHC above the threshold Reference not containing SVHC above the threshold
Product environmental profile	Available
Product end of life instructions	Need no specific recycling operations