

# M9F23320

Multi 9 - C60SP - MCB - 3P - 20 A - D Curve -  
480Y/277 V - 10 kA - UL 1077

Product availability : Stock - Normally stocked in distribution facility



## 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	3P
Number of protected poles	3
[In] rated current	20 A at 77 °F (25 °C) conforming to EN/IEC 60947-2
Network type	AC
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 480Y/277 V AC 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 IEC UR

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

## 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
[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 AC conforming 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	6
Height	3.19 in (81 mm)
Width	2.13 in (54 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 in <sup>2</sup> (1...16 mm <sup>2</sup> ) max (AWG 18...AWG 8) Tunnel type terminal, top or bottom rigid wire(s) 0...0.04 in <sup>2</sup> (1...25 mm <sup>2</sup> ) max (AWG 18...AWG 8) Tunnel type terminal, top or bottom flexible wire(s) 0...0.02 in <sup>2</sup> (1...16 mm <sup>2</sup> ) 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	00785901723707
Nbr. of units in pkg.	1
Package weight(Lbs)	0.7600000000000001
Returnability	Y
Country of origin	FR

## Offer Sustainability

---

Sustainable offer status	Not Green Premium product
REACH	Reference not containing SVHC above the threshold Reference not containing SVHC above the threshold

---

## X-ON Electronics

Largest Supplier of Electrical and Electronic Components

*Click to view similar products for [Schneider manufacturer](#):*

Other Similar products are found below :

[HMIGTO2310](#) [GS1AE21](#) [METSEPM8240](#) [LC1DT25B7](#) [LU9M1](#) [7D](#) [7S](#) [7XA1](#) [8501RS44V24](#) [8501RSD14P14V51](#) [8501XM4](#)  
[8501XO20V03Y414](#) [9001KXRK](#) [9001SKR9P35RH25](#) [9001SKT35L31](#) [9003K2C003GA](#) [9007AA1](#) [9007BA1](#) [9007C54D](#) [9007C62A2](#)  
[9007C68T5](#) [9007CA11](#) [9007FA3](#) [9007HA4](#) [9007HA6](#) [9007KA1](#) [9007KB11](#) [9007MS01S0206](#) [9007MS10S0100](#) [9012GAR4](#) [9012GAW2](#)  
[9012GBW1](#) [9012GDW5E3](#) [9012GFW1](#) [9012GNG1](#) [9012GNG3](#) [9012GNG6](#) [9013FHG39J69](#) [9013GHG2J30](#) [9050JCK2F30V14](#) [GZ1E02](#)  
[A9F07125](#) [ATS01N222RT](#) [ATV12H018F1](#) [RSL1PRJU](#) [9001KA35](#) [9001KA3G](#) [9001KR1GH5](#) [9001KXSDC](#) [9007C52A2](#)