

# M9F11320

Multi 9 - C60N - MCB - 3P - 20 A - C Curve - 415 V - 10 kA



## Main

Range	Multi 9
Product name	Multi 9 C60
Product or component type	Miniature circuit-breaker
Device short name	C60N
Device application	Distribution
Poles description	3P
Number of protected poles	3
[In] rated current	20 A at 50 °C conforming to EN/IEC 60947-2
Network type	AC DC
Trip unit technology	Thermal-magnetic
Curve code	C
Breaking capacity	Icu 30 kA at <= 125 V DC conforming to EN/IEC 60947-2 Icu 10 kA at 415 V AC 50/60 Hz between phases conforming to EN/IEC 60947-2 Icu 20 kA at 240 V AC 50/60 Hz between phases conforming to EN/IEC 60947-2 Icu 6 kA at 440 V AC 50/60 Hz between phases conforming to EN/IEC 60947-2
Utilisation category	Category A conforming to EN/IEC 60947-2
Suitability for isolation	Yes conforming to EN/IEC 60947-2
Standards	EN/IEC 60947-2
Product certifications	CCC EAC KC

## Complementary

Network frequency	50/60 Hz
[Ue] rated operational voltage	<= 125 V DC 240 V between phases AC 50/60 Hz 415 V between phases AC 50/60 Hz 440 V between phases AC 50/60 Hz
Magnetic tripping limit	8.5 x In +/- 20 % AC 12 x In +/- 20 % DC
[Ics] rated service breaking capacity	7.5 kA 75 % x Icu at 415 V AC 50/60 Hz conforming to EN/IEC 60947-2 16 kA 75 % x Icu at 240 V AC 50/60 Hz conforming to EN/IEC 60947-2 4.5 kA 75 % x Icu at 440 V AC 50/60 Hz conforming to EN/IEC 60947-2 30 kA 100 % x Icu at <= 125 V DC conforming to EN/IEC 60947-2
Limitation class	3
[Ui] rated insulation voltage	500 V AC 50/60 Hz 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	81 mm
Width	54 mm

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Depth	72 mm
Product weight	0.36 kg
Colour	Grey
Mechanical durability	20000 cycles
Electrical durability	10000 cycles
Provision for padlocking	Padlockable
Connections - terminals	Tunnel type terminal, top or bottom rigid wire(s) 1...25 mm <sup>2</sup> max Tunnel type terminal, top or bottom flexible wire(s) 1...25 mm <sup>2</sup> max Tunnel type terminal, top or bottom flexible with ferrule wire(s) 1...25 mm <sup>2</sup> max
Wire stripping length	14 mm (top or bottom)
Tightening torque	2 N.m (top or bottom)
Earth-leakage protection	Separate block

## Environment

heat dissipation	9 W 415 V 20 A
IP degree of protection	IP20 conforming to IEC 60529 IP40 for modular enclosure conforming to IEC 60529
pollution degree	3 conforming to EN/IEC 60947-2
overvoltage category	IV
tropicalisation	2 conforming to IEC 60068-1
relative humidity	95 % ( 55 °C )
ambient air temperature for operation	-30...70 °C
ambient air temperature for storage	-40...80 °C

## Offer Sustainability

Sustainable offer status	Green Premium product
RoHS (date code: YYWW)	Compliant - since 0627 - Schneider Electric declaration of conformity
REACH	Reference not containing SVHC above the threshold
Product environmental profile	Available
Product end of life instructions	Need no specific recycling operations