

Product data sheet

Specifications



Repacked, miniature circuit breaker (MCB), Multi9 C60BP, 2P, 20A, C curve, 10kA (IEC/EN 60947-2)

M9F42220W



This repacked option saves 2.222 over the standard condition

Main

Range	Multi9
Product name	Multi9 C60
Product or component type	Miniature circuit-breaker
Device short name	C60BP
Device application	Distribution
Poles description	2P
Number of protected poles	2
[In] rated current	20 A at 25 °C conforming to EN/IEC 60947-2
Network type	DC AC
Trip unit technology	Thermal-magnetic
Curve code	C
Breaking capacity	6 kA Icu at 440 V AC conforming to EN/IEC 60947-2 10 kA Icu at 415 V AC conforming to EN/IEC 60947-2 20 kA Icu at 240 V AC conforming to EN/IEC 60947-2 6 kA Icu at 440 V AC conforming to GB/T 14048.2 10 kA Icu at 415 V AC conforming to GB/T 14048.2 20 kA Icu at 240 V AC conforming to GB/T 14048.2 14 kA AIR at 240 V AC conforming to UL 489 10 kA AIR at 125 V DC conforming to UL 489 10 kA AIR at 480Y/277 V AC conforming to UL 489 14 kA AIR at 240 V AC conforming to CSA C22.2 No 5 10 kA AIR at 480Y/277 V AC conforming to CSA C22.2 No 5 10 kA AIR at 125 V DC conforming to CSA C22.2 No 5
Standards	EN/IEC 60947-2 GB/T 14048.2 UL 489 CSA C22.2 No 5
Product certifications	IEC CCC CSA UL

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	8.5 x In +/- 20 % AC 12 x In +/- 20 % DC

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

[Ics] rated service breaking capacity	4.5 kA 75 % conforming to EN/IEC 60947-2 - 440 V AC 7.5 kA 75 % conforming to EN/IEC 60947-2 - 415 V AC 15 kA 75 % conforming to EN/IEC 60947-2 - 240 V AC 4.5 kA 75 % conforming to GB/T 14048.2 - 440 V AC 7.5 kA 75 % conforming to GB/T 14048.2 - 415 V AC 15 kA 75 % conforming to GB/T 14048.2 - 240 V AC
[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
Suitability for isolation	Yes 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	103 mm
Width	36 mm
Depth	72 mm
Colour	Grey
Mechanical durability	20000 cycles
Electrical durability	10000 cycles
Provision for padlocking	Padlockable
Connections - terminals	Tunnel type terminal (top or bottom)1...25 mm² (AWG 18...AWG 8) - rigid Tunnel type terminal (top or bottom)1...16 mm² (AWG 18...AWG 8) - flexible with ferrule Tunnel type terminal (top or bottom)1...16 mm² (AWG 18...AWG 8) - flexible
Wire stripping length	14 mm for top or bottom connection
Tightening torque	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 conforming to EN/IEC 60947-2
Tropicalisation	2 conforming to IEC 60068-1
Relative humidity	95 % at 55 °C
Operating altitude	0...2000 m
Ambient air temperature for operation	-30...70 °C
Ambient air temperature for storage	-40...80 °C

Packing Units

Unit Type of Package 1	PCE
Number of Units in Package 1	1
Package 1 Height	7.500 cm
Package 1 Width	3.600 cm

Package 1 Length	10.300 cm
Package 1 Weight	246.000 g
Unit Type of Package 2	BB1
Number of Units in Package 2	6
Package 2 Height	8.300 cm
Package 2 Width	10.800 cm
Package 2 Length	22.000 cm
Package 2 Weight	1.535 kg
Unit Type of Package 3	S03
Number of Units in Package 3	54
Package 3 Height	30 cm
Package 3 Width	30 cm
Package 3 Length	40 cm
Package 3 Weight	14.100 kg

Contractual warranty

Warranty (in months)	18
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Environmental Data

Schneider Electric aims to achieve Net Zero status by 2050 through supply chain partnerships, lower impact materials, and circularity via our ongoing “Use Better, Use Longer, Use Again” campaign to extend product lifetimes and recyclability.

[Environmental Data explained >](#)

[How we assess product sustainability >](#)



Environmental footprint

Lower carbon footprint

2 kg CO2 eq.

Use Better



Materials and Substances

Packaging made with recycled cardboard

No

Packaging without single use plastic

No

SCIP Number

C839c050-8547-41ce-b0db-e9813554fc09

EU RoHS Directive

[Compliant By Exemption](#)

REACH Regulation

[Reference contains Substances of Very High Concern above the threshold](#)

Use Longer



Lifetime extension

Repair

No

Use Again



Repack and remanufacture

WEEE Label



The product must be disposed on European Union markets following specific waste collection and never end up in rubbish bins