Product data sheet

Specifications

Miniature circuit breaker (MCB), Multi9 C60BP, 1P, 25A, Z curve, 14kA (UL489), 10kA (IEC/EN 60947-2)

M9F44125

Main

Range	Multi9
Product name	Multi9 C60
Product or component type	Miniature circuit-breaker
Device short name	C60BP
Device application	Distribution
Poles description	1P
Number of protected poles	1
[In] rated current	25 A at 25 °C conforming to EN/IEC 60947-2
Network type	AC DC
Trip unit technology	Thermal-magnetic
Curve code	Z
Breaking capacity	3 kA Icu at 415 V AC conforming to EN/IEC 60947-2 10 kA Icu at 240 V AC conforming to EN/IEC 60947-2 20 kA Icu at 60 V DC conforming to EN/IEC 60947-2 3 kA Icu at 415 V AC conforming to GB 14048.2 10 kA Icu at 240 V AC conforming to GB 14048.2 20 kA Icu at 60 V DC conforming to GB 14048.2 10 kA AIR at 277 V AC conforming to UL 489 14 kA AIR at 240 V AC conforming to UL 489 14 kA AIR at 120 V AC conforming to UL 489 10 kA AIR at 60 V DC conforming to UL 489 10 kA AIR at 277 V AC conforming to CSA C22.2 No 5 14 kA AIR at 240 V AC conforming to CSA C22.2 No 5 14 kA AIR at 120 V AC conforming to CSA C22.2 No 5 10 kA AIR at 60 V DC conforming to CSA C22.2 No 5
Standards	EN/IEC 60947-2 GB 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 60 V DC
Magnetic tripping limit	3 x In +/- 20 % AC 4.2 x In +/- 20 % DC

[Ics] rated service breaking capacity	2.25 kA 75 % conforming to EN/IEC 60947-2 - 415 V AC 7.5 kA 75 % conforming to EN/IEC 60947-2 - 240 V AC 2.25 kA 75 % conforming to GB 14048.2 - 415 V AC 7.5 kA 75 % conforming to GB 14048.2 - 240 V AC 15 kA 75 % conforming to GB 14048.2 - 60 V DC 15 kA 75 % conforming to EN/IEC 60947-2 - 60 V DC
[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	2
Height	103 mm
Width	18 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	1.800 cm
Package 1 Width	7.200 cm

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Package 1 Length	10.300 cm
Package 1 Weight	122.000 g
Unit Type of Package 2	BB1
Number of Units in Package 2	12
Package 2 Height	8.200 cm
Package 2 Width	11.000 cm
Package 2 Length	22.000 cm
Package 2 Weight	1.528 kg
Unit Type of Package 3	S03
Number of Units in Package 3	108
Package 3 Height	30.000 cm
Package 3 Width	30.000 cm
Package 3 Length	40.000 cm
Package 3 Weight	14.239 kg

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

Total lifecycle Carbon footprint	**20**
Environmental Disclosure	**Product Environmental Profile**

Use Better

Materials and Substances

Packaging made with recycled cardboard	**Yes**
Packaging without single use plastic	**Yes**
EU RoHS Directive	**Compliant**
SCIP Number	**40a4e715-7fff-45ff-88bf-38212f6a80a5**
REACh Regulation	**REACh Declaration**
California proposition 65	**WARNING: This product can expose you to chemicals including: DIDP, which is known to the State of California to cause birth defects or other reproductive harm. For more information go to www.P65Warnings.ca.gov**

Use Again

Repack and remanufacture

End of life manual availability	**No need of specific recycling operations**
Take-back	**No**
WEEE Label	**The product must be disposed on European Union markets following specific waste collection and never end up in rubbish bins**

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