# **Product datasheet**

Specifications





# Multi 9 - C60BP - MCB - 2P - 4 A - C Curve - 480Y/277 V - 10 kA - UL 489

M9F42204

### Main

Walli		
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	4 A at 25 °C conforming to EN/IEC 60947-2	
network type	DC AC	
rip unit technology Thermal-magnetic		
Curve code	С	
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 240 V AC conforming to GB 14048.2 10 kA Icu at 415 V AC conforming to GB 14048.2 20 kA Icu at 240 V AC conforming to GB 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 UL 489 15 kA AIR at 240 V AC conforming to UL 489 16 kA AIR at 480Y/277 V AC conforming to UL 489 17 kA AIR at 240 V AC conforming to CSA C22.2 No 5 18 kA AIR at 480Y/277 V AC conforming to CSA C22.2 No 5	
Suitability for isolation	Yes conforming to EN/IEC 60947-2	
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 440 V AC 50/60 Hz
Magnetic tripping limit	8.5 x ln +/- 20 % AC 12 x ln +/- 20 % DC

[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 14048.2 - 440 V AC 7.5 kA 75 % conforming to GB 14048.2 - 415 V AC 15 kA 75 % conforming to GB 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
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)125 mm² (AWG 18AWG 8) - rigid Tunnel type terminal (top or bottom)116 mm² (AWG 18AWG 8) - flexible with ferrule Tunnel type terminal (top or bottom)116 mm² (AWG 18AWG 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	02000 m
Ambient air temperature for operation	-3070 °C
Ambient air temperature for storage	-4080 °C

# **Packing Units**

Unit Type of Package 1	PCE
Number of Units in Package 1	1
Package 1 Height	3.6 cm
Package 1 Width	7.5 cm
Package 1 Length	10.3 cm

Package 1 Weight	245 g
Unit Type of Package 2	BB1
Number of Units in Package 2	6
Package 2 Height	8.3 cm
Package 2 Width	10.8 cm
Package 2 Length	22 cm
Package 2 Weight	1.533 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	14.284 kg



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Transparency RoHS/REACh

### Well-being performance

Mercury Free	
Rohs Exemption Information	Yes
Halogen Free Product	

#### **Certifications & Standards**

Reach Regulation	REACh Declaration
Eu Rohs Directive	Compliant with Exemptions
China Rohs Regulation	China RoHS declaration  Product out of China RoHS scope. Substance declaration for your information
Environmental Disclosure	Product Environmental Profile
Weee	The product must be disposed on European Union markets following specific waste collection and never end up in rubbish bins
Circularity Profile	No need of specific recycling operations

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