

# Product data sheet

## Characteristics

# M9C01203

Miniature circuit breaker (MCB), Multi9 C60CTRL, 2P, 3A, C curve, 100kA (IEC/EN 60947-2)



### Main

Range	Multi9
Product name	Multi9 C60
Product or component type	Miniature circuit-breaker
Device short name	C60CTRL
Device application	Distribution
Poles description	2P
Number of protected poles	2
[In] rated current	3 A
Network type	AC DC
Trip unit technology	Thermal-magnetic
Curve code	C
Breaking capacity	100 KA Icu at 240 V AC 50/60 Hz conforming to EN/IEC 60947-2 30 KA Icu at 125 V DC conforming to EN/IEC 60947-2 100 KA Icu at 415 V AC 50/60 Hz 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	CE

### Complementary

Network frequency	50/60 Hz
[Ue] rated operational voltage	240 V AC 50/60 Hz between phases 415 V AC 50/60 Hz between phases 125 V DC
Magnetic tripping limit	8.5 x In +/- 20 % AC 12 x In +/- 20 % DC
[Ics] rated service breaking capacity	50 KA 50 % conforming to EN/IEC 60947-2 - 240 V AC 50/60 Hz 30 KA 100 % conforming to EN/IEC 60947-2 - 125 V DC 50 kA 50 % conforming to EN/IEC 60947-2 - 415 V AC 50/60 Hz
[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	4
Height	81 mm
Width	36 mm
Depth	72 mm
Net weight	0.24 kg
Colour	Grey
Mechanical durability	20000 cycles
Electrical durability	10000 cycles

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Provision for padlocking	Padlockable
Connections - terminals	Tunnel type terminal (top or bottom) 1...25 mm <sup>2</sup> - rigid Tunnel type terminal (top or bottom) 1...25 mm <sup>2</sup> - flexible Tunnel type terminal (top or bottom) 1...25 mm <sup>2</sup> - flexible with ferrule
Wire stripping length	14 mm for top or bottom connection
Tightening torque	2 N.m top or bottom
Earth-leakage protection	Separate block

## 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
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	7.5 cm
Package 1 Width	3.6 cm
Package 1 Length	8.5 cm
Package 1 Weight	230.164 g
Unit Type of Package 2	BB1
Number of Units in Package 2	6
Package 2 Height	7.8 cm
Package 2 Width	8.7 cm
Package 2 Length	22.5 cm
Package 2 Weight	1.428 kg
Unit Type of Package 3	S03
Number of Units in Package 3	72
Package 3 Height	30.0 cm
Package 3 Width	30.0 cm
Package 3 Length	40.0 cm
Package 3 Weight	17.574 kg