M9F11102

Miniature circuit breaker (MCB), Multi9 C60N, 1P, 2A, C curve, 10kA (IEC/EN 60947-2)





Main Range Multi9 Multi9 C60 Product name Product or component Miniature circuit-breaker type Device short name C60N Distribution Device application Poles description Number of protected poles [In] rated current 2 A at 50 °C conforming to EN/IEC 60947-2 Network type Thermal-magnetic Trip unit technology Curve code 15 KA Icu at <= 72 V DC conforming to EN/IEC Breaking capacity 10 KA Icu at 240 V AC 50/60 Hz between phase and neutral conforming to EN/IEC 60947-2 3 kA Icu at 415 V AC 50/60 Hz between phase and neutral 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

EAC[RETURN]KC[RETURN]CCC

Complementary

50/60 Hz
240 V AC 50/60 Hz between phase and neutral 415 V AC 50/60 Hz between phase and neutral <= 72 V DC
8.5 x In +/- 20 % AC 12 x In +/- 20 % DC
7.5 KA 75 % conforming to EN/IEC 60947-2 - 240 V AC 50/60 Hz 2.25 KA 75 % conforming to EN/IEC 60947-2 - 415 V AC 50/60 Hz 15 kA 100 % conforming to EN/IEC 60947-2 - <= 72 V DC
3
500 V AC 50/60 Hz conforming to EN/IEC 60947-2
6 kV conforming to EN/IEC 60947-2
Yes
Toggle
ON/OFF indication
Clip-on
DIN rail
2
81 mm
18 mm
72 mm
0.12 kg
Grey

Product certifications

Mechanical durability	20000 cycles
Electrical durability	10000 cycles
Provision for padlocking	Padlockable
Connections - terminals	Tunnel type terminal (top or bottom)125 mm² - rigid Tunnel type terminal (top or bottom)125 mm² - flexible Tunnel type terminal (top or bottom)125 mm² - 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

Heat dissipation	2.6 W at 240 V - 2 A	
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	
Overvoltage category	IV	
Tropicalisation	2 conforming to IEC 60068-1	
Relative humidity	95 % at 55 °C	
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	1.8 cm
Package 1 Width	7.2 cm
Package 1 Length	8.5 cm
Package 1 Weight	105.0 g
Unit Type of Package 2	BB1
Number of Units in Package 2	12
Package 2 Height	8.0 cm
Package 2 Width	9.0 cm
Package 2 Length	22.0 cm
Package 2 Weight	1.307 kg
Unit Type of Package 3	S03
Number of Units in Package 3	144
Package 3 Height	30.0 cm
Package 3 Width	30.0 cm
Package 3 Length	40.0 cm
Package 3 Weight	16.171 kg

Offer Sustainability

Sustainable offer status	Green Premium product
REACh Regulation	☑ REACh Declaration
EU RoHS Directive	Compliant with Exemptions
Mercury free	Yes
China RoHS Regulation	[™] China RoHS Declaration
RoHS exemption information	€Yes
Environmental Disclosure	Product Environmental Profile
Circularity Profile	No need of specific recycling operations
WEEE	The product must be disposed on European Union markets following specific waste collection and never end up in rubbish bins
Halogen content performance	Halogen free product