

M9F12110

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

Main

Range	Multi9
Product name	Multi9 C60
Product or Component Type	Miniature circuit-breaker
Device short name	C60N
Device Application	Distribution
Poles description	1P
Number of protected poles	1
Line Rated Current	10 A 122 °F (50 °C) EN/IEC 60947-2
Network type	DC AC
Trip unit technology	Thermal-magnetic
Curve code	D
Breaking capacity	15 KA Icu <= 72 V DC EN/IEC 60947-2 10 KA Icu 240 V AC 50/60 Hz between phase and neutral EN/IEC 60947-2 3 kA Icu 415 V AC 50/60 Hz between phase and neutral EN/IEC 60947-2
Utilisation category	Category A EN/IEC 60947-2
Suitability for isolation	Yes EN/IEC 60947-2
Standards	EN/IEC 60947-2
Product certifications	EAC[RETURN]KC[RETURN]CCC

Complementary

Network Frequency	50/60 Hz
[Ue] rated operational voltage	240 V AC 50/60 Hz between phase and neutral 415 V AC 50/60 Hz between phase and neutral <= 72 V DC
Magnetic tripping limit	12 x In +/- 20 % AC 17 x In +/- 20 % DC
[Ics] rated service breaking capacity	7.5 KA 75 % EN/IEC 60947-2 - 240 V AC 50/60 Hz 2.25 KA 75 % EN/IEC 60947-2 - 415 V AC 50/60 Hz 15 KA 100 % EN/IEC 60947-2 - <= 72 V DC
Limitation class	3
[Ui] rated insulation voltage	500 V AC 50/60 Hz EN/IEC 60947-2
[Uimp] rated impulse withstand voltage	6 kVEN/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	3.2 in (81 mm)
Width	0.7 in (18 mm)
Depth	2.8 in (72 mm)
Net Weight	0.26 lb(US) (0.12 kg)
Color	Gray
Mechanical durability	20000 cycles
Electrical durability	10000 cycles
Provision for padlocking	Padlockable

Connections - terminals	Tunnel type terminal top or bottom) 0.002...0.04 in ² (1...25 mm ²) - rigid Tunnel type terminal top or bottom) 0.002...0.04 in ² (1...25 mm ²) - flexible Tunnel type terminal top or bottom) 0.002...0.04 in ² (1...25 mm ²) - flexible with ferrule
Wire stripping length	0.6 in (14 mm) for top or bottom connection
Tightening torque	17.7 lbf.in (2 N.m) top or bottom
Earth-leakage protection	Separate block

Environment

Heat dissipation	1.8 W 240 V - 10 A
IP degree of protection	IP20 conforming to IEC 60529 IP40 (modular enclosure) conforming to IEC 60529
Pollution degree	3 EN/IEC 60947-2
Overvoltage category	IV
Tropicalisation	2 IEC 60068-1
Relative humidity	95 % 131 °F (55 °C)
Ambient air temperature for operation	-22...158 °F (-30...70 °C)
Ambient Air Temperature for Storage	-40...176 °F (-40...80 °C)

Ordering and shipping details

Category	US10DE200908
Discount Schedule	0DE2
GTIN	3606480576638
Returnability	No
Country of origin	BG

Packing Units

Unit Type of Package 1	PCE
Number of Units in Package 1	1
Package 1 Height	2.953 in (7.500 cm)
Package 1 Width	0.709 in (1.800 cm)
Package 1 Length	3.346 in (8.500 cm)
Package 1 Weight	3.598 oz (102.000 g)
Unit Type of Package 2	BB1
Number of Units in Package 2	12
Package 2 Height	3.228 in (8.200 cm)
Package 2 Width	3.425 in (8.700 cm)
Package 2 Length	8.661 in (22.000 cm)
Package 2 Weight	2.793 lb(US) (1.267 kg)
Unit Type of Package 3	S03
Number of Units in Package 3	144
Package 3 Height	11.811 in (30.000 cm)
Package 3 Width	11.811 in (30.000 cm)
Package 3 Length	15.748 in (40.000 cm)
Package 3 Weight	34.785 lb(US) (15.778 kg)

Offer Sustainability

REACH Regulation	 REACH Declaration
EU RoHS Directive	Compliant  EU RoHS Declaration
Toxic heavy metal free	Yes
Mercury free	Yes
RoHS exemption information	 Yes
China RoHS Regulation	 China RoHS Declaration
WEEE	The product must be disposed on European Union markets following specific waste collection and never end up in rubbish bins.