

Product data sheet

Characteristics

MGN61506

Multi9 - C60H-DC - MCB - 1P - 6 A - C Curve - 250 V - 5 kA

Product availability: Stock - Normally stocked in distribution facility

Price*: 182.00 USD



Commercial status

This Product is Obsolete : FEB 17, 2021

 This Product is Obsolete

Main

Range	Multi 9
Product name	Multi 9 C60H-DC
Product or component type	Miniature circuit-breaker
Device short name	C60H-DC
Device application	Distribution
Poles description	1P
Number of protected poles	1
Line Rated Current	6 A 77 °F (25 °C)
Network type	DC
Trip unit technology	Thermal-magnetic
Curve code	C
Breaking capacity	10 KA Icu 220 V DC GB 14048.2 6 KA Icu 250 V DC GB 14048.2 20 KA Icu 110 V DC GB 14048.2 20 KA Icu 110 V DC EN/IEC 60947-2 10 KA Icu 220 V DC EN/IEC 60947-2 6 KA Icu 250 V DC EN/IEC 60947-2 5 KA AIR 12...250 V DC UL 1077
Utilisation category	Category A conforming to EN/IEC 60947-2
Suitability for isolation	Yes EN/IEC 60947-2

Complementary

[Ue] rated operational voltage	12...250 V DC
Magnetic tripping limit	8.5 x In +/- 20 % AC
[Ics] rated service breaking capacity	15 KA 75 % GB 14048.2 - 110 V DC 15 KA 75 % EN/IEC 60947-2 - 110 V DC 7.5 KA 75 % EN/IEC 60947-2 - 250 V DC 4.5 KA 75 % EN/IEC 60947-2 - 220 V DC 7.5 KA 75 % GB 14048.2 - 250 V DC 4.5 KA 75 % GB 14048.2 - 220 V DC
Limitation class	3 conforming to EN/IEC 60947-2
[Ui] rated insulation voltage	500 V DC 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
Comb busbar and distribution block compatibility	Top or bottom standard
9 mm pitches	2
Height	3.19 In (81 mm)
Width	0.71 In (18 mm)
Depth	2.87 In (73 mm)
Net weight	0.28 Lb(US) (0.128 kg)
Color	Grey
Mechanical durability	20000 Cycles
Electrical durability	3000 Cycles L/R = 2 ms 6000 Cycles
Provision for padlocking	Padlockable
Locking options description	In position O
Connections - terminals	Tunnel type terminal top or bottom) 0.00...0.04 in ² (1...25 m- m ²) AWG 18...AWG 4) - rigid stranded Tunnel type terminal top or bottom) 0.00...0.02 in ² (1...16 m- m ²) AWG 18...AWG 6) - flexible Tunnel type terminal top or bottom) 0.00...0.02 in ² (1...16 m- m ²) AWG 18...AWG 6) - flexible with ferrule Tunnel type terminal top or bottom) - 2 0.00...0.02 in ² (1...10 m- m ²) AWG 18...AWG 8) - rigid stranded Tunnel type terminal top or bottom) - 2 0.00...0.02 in ² (1...10 m- m ²) AWG 18...AWG 8) - flexible Tunnel type terminal top or bottom) - 2 0.00...0.02 in ² (1...10 m- m ²) AWG 18...AWG 8) - flexible with ferrule Tunnel type terminal top or bottom) - 3 0.00 in ² (1 mm ²) AWG 18) - flexible stranded
Wire stripping length	0.55 In (14 mm) top or bottom
Tightening torque	22.13 Lbf.In (2.5 N.m) top or bottom
Earth-leakage protection	Without

Environment

Standards	UL 1077 GB 14048.2 EN/IEC 60947-2
Product certifications	UR CCC IEC
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 IEC 60068-2 2 GB 14048.2
Relative humidity	95 % 131 °F (55 °C)
Operating altitude	6561.68 ft (2000 m)
Ambient air temperature for operation	-13...158 °F (-25...70 °C)
Ambient air temperature for storage	-40...185 °F (-40...85 °C)

Ordering and shipping details

Category	00915 - C60N MINIATURE CIRCUIT BREAKER-UL489
Discount Schedule	DE2
GTIN	00785901851929
Nbr. of units in pkg.	1
Package weight(Lbs)	4.02 Oz (114 g)
Returnability	No
Country of origin	CN

Packing Units

Unit Type of Package 1	PCE
Package 1 Height	2.60 In (6.6 cm)
Package 1 width	0.71 In (1.8 cm)
Package 1 Length	3.35 In (8.5 cm)

Contractual warranty

Warranty	18 months
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Product Life Status : **End of commercialisation**

MGN61506 may be replaced by any of the following products:



M9U21106

Multi9 - C60H-DC - MCB - 1P - 6 A - C Curve - 250 V DC - 10 kA

Qty 1

Substitution date: |