Product data sheet

Specifications

Discontinued

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

MGN61506

Discontinued on: Feb 17, 2021

Product availability: Non-Stock - Not normally stocked in distribution facility

Main

Range	Multi9
Product Name	Multi9 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 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 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

Price is “List Price” and may be subject to a trade discount – check with your local distributor or retailer for actual price.

Disclaimer: This documentation is not intended as a substitute for and is not to be used for determining suitability or reliability of these products for specific user applications

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	Gray
Mechanical Durability	20000 cycles
Electrical Durability	3000 cycles L/R = 2 ms
Provision For Padlocking	Padlockable
Locking Options Description	In position O
Connections - Terminals	Tunnel type terminal top or bottom) 0.00…0.04 in² (1…25 mm²) AWG 18...AWG 4) - rigid stranded Tunnel type terminal top or bottom) 0.00…0.02 in² (1…16 mm²) AWG 18...AWG 6) - flexible Tunnel type terminal top or bottom) 0.00…0.02 in² (1…16 mm²) AWG 18...AWG 6) - flexible with ferrule Tunnel type terminal top or bottom) - 2 0.00…0.02 in² (1…10 mm²) AWG 18...AWG 8) - rigid stranded Tunnel type terminal top or bottom) - 2 0.00…0.02 in² (1…10 mm²) AWG 18...AWG 8) - flexible Tunnel type terminal top or bottom) - 2 0.00…0.02 in² (1…10 mm²) AWG 18...AWG 8) - flexible with ferrule Tunnel type terminal top or bottom) - 3 0.00 in² (1 mm²) AWG 18) - flexible stranded
Wire Stripping Length	0.55 in (14 mm) for top or bottom connection
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 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	US10DE200915
Discount Schedule	0DE2
Gtin	3606480056796
Returnability	No
Country Of Origin	CN

Packing Units

Unit Type Of Package 1	PCE
Number Of Units In Package 1	1
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)
Package 1 Weight	4.02 oz (114 g)

Contractual warranty

Warranty	18 months