

Product datasheet

Specifications



Multi9 - C60 UL489 - MCB - 2P - 20 A - C Curve - 240 V - 10 kA - tunnel term

60147

⚠ Discontinued on: 31 May 2021

⚠ Discontinued

Main

Range	Multi9
Product Name	Multi9 C60
Product Or Component Type	Miniature circuit-breaker
Device Short Name	C60 UL489
Device Application	Distribution
Poles Description	2P
Number Of Protected Poles	2
Neutral Position	Left
[In] Rated Current	20 A at 25 °C
Network Type	AC DC
Trip Unit Technology	Thermal-magnetic
Curve Code	C
Breaking Capacity	6 kA Icu at 440 V AC conforming to EN/IEC 60947-2 10 kA Icu at 415 V AC conforming to EN/IEC 60947-2 20 kA Icu at 240 V AC conforming to EN/IEC 60947-2 6 kA Icu at 440 V AC conforming to GB 14048.2 10 kA Icu at 415 V AC conforming to GB 14048.2 20 kA Icu at 240 V AC conforming to GB 14048.2 10 kA Icu at 125 V DC conforming to EN/IEC 60947-2 10 kA Icu at 125 V DC conforming to GB 14048.2 10 kA AIR at 240 V AC conforming to UL 489 10 kA AIR at 125 V DC conforming to UL 489 10 kA AIR at 240 V AC conforming to CSA C22.2 No 5.2 10 kA AIR at 125 V DC conforming to CSA C22.2 No 5.2
Suitability For Isolation	Yes conforming to EN/IEC 60947-2

Complementary

Network Frequency	50/60 Hz
[Ue] Rated Operational Voltage	415 V AC 240 V AC 440 V AC 125 V DC
Magnetic Tripping Limit	8.5 x In +/- 20 % AC 12 x In +/- 20 % DC
Limitation Class	3 conforming to EN/IEC 60947-2
[Ui] Rated Insulation Voltage	500 V AC conforming to EN/IEC 60947-2
[Uimp] Rated Impulse Withstand Voltage	6 kV conforming to EN/IEC 60947-2

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

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	107 mm
Width	36 mm
Depth	73 mm
Net Weight	0.22 kg
Colour	Grey
Mechanical Durability	20000 cycles
Electrical Durability	10000 cycles
Provision For Padlocking	Padlockable
Connections - Terminals	Tunnel type terminal (top or bottom)2.5...25 mm² (AWG 14...AWG 4) - rigid
Wire Stripping Length	14 mm for top or bottom connection
Tightening Torque	2.5 N.m top or bottom

Environment

Standards	GB 14048.2 EN/IEC 60947-2 UL 489 CSA C22.2 No 5
Product Certifications	CSA CCC IEC UL
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
Operating Altitude	2000 m
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	13 cm
Package 1 Width	4 cm
Package 1 Length	7.5 cm
Package 1 Weight	278 g

Contractual warranty

Warranty	18 months
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