Product data sheet
Characteristics

MG24517
Multi 9 - C60 UL1077 - MCB - 2P - 2 A - D Curve - 480Y/277 V - 5 kA



To be discontinued

Commercial status

To be discontinued on: 30 September 2020

Main

Range	Multi 9
Product or component type	Miniature circuit-breaker
Product name	Multi 9 C60
Device short name	C60 UL1077
Device application	Distribution
Number of protected poles	2
[In] rated current	2 A at 25 °C
Network type	DC AC
Trip unit technology	Thermal-magnetic
Suitability for isolation	Yes conforming to EN/IEC 60947-2

Complementary

System Voltage	240 V 415 V 440 V 125 V
Mounting mode	Clip-on
Poles description	2P
Interrupt Rating	20 kA 10 kA 6 kA 10 kA 20 kA 10 kA 6 kA 10 kA 10 kA 10 kA 5 kA 10 kA 5 kA

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

	10 kA
Network frequency	50/60 Hz
Curve code	D
Magnetic tripping limit	12 x In +/- 20 % AC 17 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
Contact position indicator	Yes
Control type	Toggle
Local signalling	ON/OFF indication
Mounting support	DIN rail
9 mm pitches	4
Height	81 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 1077 CSA C22.2 No 235
Product certifications	UR CSA 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 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 Weight	235.868 g
Package 1 Height	3.556 cm
Package 1 width	7.62 cm
Package 1 Length	8.128 cm

Offer Sustainability

Sustainable offer status	Green Premium product

EU RoHS Directive	Compliant EU RoHS Declaration
Mercury free	Yes
RoHS exemption information	Yes
China RoHS Regulation	China RoHS declaration Product out of China RoHS scope. Substance declaration for your information
Environmental Disclosure	Product Environmental Profile
WEEE	The product must be disposed on European Union markets following specific waste collection and never end up in rubbish bins

MG24517 is replaced by:



Miniature circuit breakers M9F23202

Multi 9 - C60SP - MCB - 2P - 2 A - D Curve - 480Y/277 V - 10 kA - UL 1077

Qty 1

Reason for Substitution: End of life | Substitution date: 01 January 2017