Product data sheet
Characteristics

MG24138
Multi 9 - C60 UL1077 - MCB - 2P - 50 A - B Curve - 480Y/277 V - 5 kA

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
Line Rated Current	50 A 77 °F (25 °C)
Network type	AC DC
Trip unit technology	Thermal-magnetic
Suitability for isolation	Yes 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 10 kA
Network frequency	50/60 Hz
Curve code	B
Magnetic tripping limit	4 x In +/- 20 % AC 5.6 x In +/- 20 % DC
Limitation class	3 EN/IEC 60947-2
[Ui] rated insulation voltage	500 V AC 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 support	DIN rail
9 mm pitches	4
Maximum Height	3.19 in (81 mm)
Maximum Width	1.42 in (36 mm)
Maximum Depth	2.87 in (73 mm)
Net Weight	0.49 lb(US) (0.22 kg)
Color	Gray

The information provided in this documentation contains general descriptions and/or technical characteristics of the performance of the products contained herein.
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.
It is the duty of any such user or integrator to perform the appropriate and complete risk analysis, evaluation and testing of the products with respect to the relevant specific application or use thereof.
Neither Schneider Electric Industries SAS nor any of its affiliates or subsidiaries shall be responsible or liable for misuse of the information contained herein.

Mechanical durability	20000 cycles
Electrical durability	10000 cycles
Provision for padlocking	Padlockable
Connections - terminals	Tunnel type terminal top or bottom) 0.00…0.05 in² (2.5…35 mm²) AWG 14...AWG 2) - rigid
Wire stripping length	0.55 in (14 mm) top or bottom
Tightening torque	30.98 lbf.in (3.5 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	IP20IEC 60529 IP40 modular enclosure)IEC 60529
Pollution degree	3 EN/IEC 60947-2
Overvoltage category	IV
Tropicalisation	2 IEC 60068-1
Relative humidity	95 % 131 °F (55 °C)
Operating altitude	6561.68 ft (2000 m)
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	00908 - C60N SUPPLEMENTARY PROTECTORS
Discount Schedule	DE2
GTIN	00785901880394
Nbr. of units in pkg.	1
Package weight(Lbs)	0.57 lb(US) (0.26 kg)
Returnability	No
Country of origin	FR

Packing Units

Package 1 Height	1.50 in (3.810 cm)
Package 1 width	3.00 in (7.620 cm)
Package 1 Length	3.50 in (8.890 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
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.

Contractual warranty

Warranty	18 months