



❗ Discontinued

Commercial status

Discontinued: 21 March 2019

24439 has not been replaced. Please contact your customer care centre for more information.

Main

Range	Multi 9
Product name	Multi 9 C60
Product or component type	Miniature circuit-breaker
Device short name	C60 UL1077
Device application	Distribution
Poles description	1P
Number of protected poles	1
[In] rated current	50 A at 25 °C
Network type	DC AC
Trip unit technology	Thermal-magnetic
Curve code	C
Breaking capacity	10 kA Icu at 240 V AC conforming to EN/IEC 60947-2 10 kA Icu at 240 V AC conforming to GB 14048.2 5 kA AIR at 277 V AC conforming to UL 1077 10 kA AIR at 240 V AC conforming to UL 1077 10 kA AIR at 65 V DC conforming to UL 1077 3 kA Icu at 415 V AC conforming to EN/IEC 60947-2 10 kA Icu at 60 V DC conforming to EN/IEC 60947-2 3 kA Icu at 415 V AC conforming to GB 14048.2 10 kA Icu at 60 V DC conforming to GB 14048.2 5 kA AIR at 277 V AC conforming to CSA C22.2 No 235 10 kA AIR at 240 V AC conforming to CSA C22.2 No 235 10 kA AIR at 65 V DC conforming to CSA C22.2 No 235
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 60 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
Contact position indicator	Yes
Control type	Toggle
Local signalling	ON/OFF indication
Mounting mode	Clip-on
Mounting support	DIN rail
9 mm pitches	2
Height	81 mm
Width	18 mm
Depth	73 mm
Net weight	0.11 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...35 mm² (AWG 14...AWG 2) - rigid
Wire stripping length	14 mm for top or bottom connection
Tightening torque	3.5 N.m top or bottom

Environment

Standards	UL 1077 GB 14048.2 EN/IEC 60947-2 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

Offer Sustainability

Sustainable offer status	Green Premium product
REACH Regulation	REACH Declaration
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
Circularity Profile	No need of specific recycling operations
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
----------	-----------