

# Product data sheet

## Characteristics

# 24441

## Multi 9 - C60 UL1077 - MCB - 2P - 40 A - C Curve - 480Y/277 V - 5 kA



### Main

Range of product	C60
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	2P
Number of protected poles	2
Neutral position	Left
[In] rated current	40 A at 25 °C
Network type	DC AC
Trip unit technology	Thermal-magnetic
Curve code	C
Breaking capacity code	N
Breaking capacity	AIR 10 kA at 240 V AC conforming to UL 1077 AIR 10 kA at 240 V AC conforming to CSA C22.2 No 235 AIR 10 kA at 125 V DC conforming to UL 1077 AIR 10 kA at 125 V DC conforming to CSA C22.2 No 235 Icu 6 kA at 440 V AC conforming to EN/IEC 60947-2 Icu 10 kA at 415 V AC conforming to EN/IEC 60947-2 Icu 20 kA at 240 V AC conforming to EN/IEC 60947-2 Icu 6 kA at 440 V AC conforming to GB 14048.2 Icu 10 kA at 415 V AC conforming to GB 14048.2 Icu 20 kA at 240 V AC conforming to GB 14048.2 AIR 5 kA at 480Y/277 V AC conforming to UL 1077 AIR 5 kA at 480Y/277 V AC conforming to CSA C22.2 No 235 Icu 10 kA at 125 V DC conforming to EN/IEC 60947-2 Icu 10 kA at 125 V DC conforming to GB 14048.2
Suitability for isolation	Yes conforming to EN/IEC 60947-2

### Complementary

Network frequency	50/60 Hz
[Ue] rated operational voltage	125 V DC 240 V AC 440 V AC

	415 V AC
Magnetic tripping limit	8.5 x In +/- 20% AC 12 x In +/- 20% DC
Limitation class	3 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
Connection pitch	18 mm Between phases
9 mm pitches	4
Height	81 mm
Width	36 mm
Depth	73 mm
Product 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 rigid wire(s) 2.5...35 mm <sup>2</sup> max (AWG 14...AWG 2)
Wire stripping length	14 mm top or bottom
Tightening torque	3.5 N.m top or bottom
Compatibility code	C60_UL1077

## Environment

Standards	UL 1077 GB 14048.2 EN/IEC 60947-2 CSA C22.2 No 235
Product certifications	CSA CCC IEC UR
IP degree of protection	IP40 for modular enclosure conforming to IEC 60529 IP20 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 % 55 °C
Operating altitude	2000 m
Ambient air temperature for operation	-30...70 °C
Ambient air temperature for storage	-40...80 °C

## Contractual warranty

Warranty period	18 months
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