



Main

Product or component type	Miniature circuit-breaker
Range	Multi 9
Product name	Multi 9 C60
Device short name	C60 UL1077
Device application	Distribution
Number of protected poles	3
[In] rated current	50 A at 77 °F (25 °C)
Network type	AC
Trip unit technology	Thermal-magnetic
Suitability for isolation	Yes conforming to EN/IEC 60947-2

Complementary

System Voltage	240 V AC 440 V AC 415 V AC
Mounting mode	Clip-on
Poles description	3P
Breaking capacity	AIR 10 kA at 240 V AC conforming to UL 1077 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 10 kA at 240 V AC conforming to CSA C22.2 AIR 5 kA at 480Y/277 V AC conforming to CSA C22.2
Network frequency	50/60 Hz
Curve code	D
Magnetic tripping limit	12 x In +/- 20% AC
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	6
Height	3.19 in (81 mm)
Width	2.13 in (54 mm)
Depth	2.87 in (73 mm)
Product weight	0.73 lb(US) (0.33 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) 0...0.05 in ² (2.5...35 mm ²) max (AWG 14...AWG 2)
Wire stripping length	0.55 in (14 mm) top or bottom
Tightening torque	30.97 lbf.in (3.5 N.m) top or bottom

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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	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 % 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)

Offer Sustainability

Green Premium product	Green Premium product
Compliant - since 0627 - Schneider Electric declaration of conformity	Compliant - since 0627 - Schneider Electric declaration of conformity
Reference not containing SVHC above the threshold	Reference not containing SVHC above the threshold
Available	Available
Need no specific recycling operations	Need no specific recycling operations

Contractual warranty

Warranty period	18 months
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