



Main

Range	Multi 9
Product name	Multi 9 C60
Product or component type	Miniature circuit-breaker
Device short name	C60 UL489
Device application	Distribution
Poles description	1P
Number of protected poles	1
[In] rated current	6 A at 25 °C
Network type	AC DC
Trip unit technology	Thermal-magnetic
Curve code	D
Breaking capacity	5 kA AIR at 240 V AC conforming to UL 489 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 10 kA Icu at 60 V DC conforming to EN/IEC 60947-2 10 kA Icu at 60 V DC conforming to GB 14048.2 10 kA AIR at 120 V AC conforming to UL 489 10 kA AIR at 60 V DC conforming to UL 489 10 kA AIR at 120 V AC conforming to CSA C22.2 No 5.2 5 kA AIR at 240 V AC conforming to CSA C22.2 No 5.2 10 kA AIR at 60 V DC conforming to CSA C22.2 No 5.2
Suitability for isolation	Yes conforming to EN/IEC 60947-2

Complementary

Network frequency	50/60 Hz
[Ue] rated operational voltage	240 V AC 60 V DC 120 V AC
Magnetic tripping limit	12 x In +/- 20 % AC 17 x In +/- 20 % DC

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

Limitation class	3 conforming to EN/IEC 60947-2
[Ui] rated insulation voltage	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	107 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...25 mm ² (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 489 CSA C22.2 No 5
Product certifications	CSA CCC IEC UL
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
Overtoltage 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	Pro-active compliance (Product out of EU RoHS legal scope) EU RoHS Declaration
Mercury free	Yes
RoHS exemption information	Yes
China RoHS Regulation	Download RoHS China Declaration Product out of China RoHS scope. Substance declaration for your information
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
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