# **Product datasheet**

Specification





! Discontinued

# Multi9, C60 UL489, MCB, 1 pole, 3 A, C Curve, 120 V, 10 kA, tunnel term

60104

! Discontinued on: 20 Mar 2019

! End-of-service on: 30 Jun 2021

#### Main

mann	
Range	Multi9
Product name	Multi9 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	3 A at 25 °C
network type	AC DC
Trip unit technology	Thermal-magnetic
Curve code	С
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	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	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)2.525 mm² (AWG 14AWG 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	
Overvoltage category	IV	
Tropicalisation	ation 2 conforming to IEC 60068-1	
Relative humidity	95 % at 55 °C	
Operating altitude	2000 m	
Ambient air temperature for operation	erature for -3070 °C	
Ambient air temperature for storage	-4080 °C	

# **Packing Units**

Unit Type of Package 1	PCE
Number of Units in Package 1	1
Package 1 Height	2.286 cm
Package 1 Width	7.366 cm
Package 1 Length	14.224 cm
Package 1 Weight	131.542 g

## **Contractual warranty**

Warranty 18 months



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RoHS/REACh

#### Well-being performance

<b>②</b>	Mercury Free	
<b>Ø</b>	Rohs Exemption Information	Yes
<b>②</b>	Halogen Free Product	

#### **Certifications & Standards**

Eu Rohs Directive	Compliant
	EU RoHS Declaration
China Rohs Regulation	China RoHS declaration
	Product out of China RoHS scope. Substance declaration for your information
Weee	The product must be disposed on European Union markets following specific waste collection and never end up in rubbish bins