# **Product datasheet**

Specification





Multi9 - C60 UL489 - MCB - 3P - 4 A - D Curve - 240 V - 10 kA tunnel term

60188

! Discontinued on: 20 Mar 2019

! End-of-service on: 31 May 2021

#### (!) Discontinued

#### Main

Range	Multi9	
Product name	Multi9 C60	
Product or component type	Miniature circuit-breaker	
Device short name	C60 UL489	
Device application	Distribution	
poles description	3P	
Number of protected poles	3	
[In] rated current	4 A at 25 °C	
network type	AC	
Trip unit technology	Thermal-magnetic	
Curve code	D	
Breaking capacity	6 kA Icu at 440 V AC conforming to EN/IEC 60947-2 10 kA Icu at 415 V AC conforming to EN/IEC 60947-2 20 kA Icu at 240 V AC conforming to EN/IEC 60947-2 6 kA Icu at 440 V AC conforming to GB 14048.2 10 kA Icu at 415 V AC conforming to GB 14048.2 20 kA Icu at 240 V AC conforming to GB 14048.2 10 kA AIR at 240 V AC conforming to UL 489 10 kA AIR at 240 V AC 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	415 V AC 240 V AC 440 V AC	
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 mode	Clip-on	

Mounting support	DIN rail	
9 mm pitches	6	
Height	107 mm	
Width	54 mm	
Depth	73 mm	
Net weight	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)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	2 conforming to IEC 60068-1
Relative humidity	95 % at 55 °C
Operating altitude	2000 m
Ambient air temperature for operation	-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	13 cm
Package 1 Width	7.501 cm
Package 1 Length	5.799 cm
Package 1 Weight	376.482 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