Product data sheet

Specifications





Miniature circuit breaker (MCB), Multi9 C60H, 2P, 3A, B curve, 15kA (IEC/EN 60947-2)

M9F13203

Discontinued on: Jan 31, 2024

Main

Mann		
Range	Multi9	
Product Name	Multi9 C60	
Product Or Component Type	Miniature circuit-breaker	
Device Short Name	С60Н	
Device Application	Distribution	
Poles Description	2P	
Number Of Protected Poles	2	
Line Rated Current	3 A 122 °F (50 °C) EN/IEC 60947-2	
Network Type	AC DC	
Trip Unit Technology	Thermal-magnetic	
Curve Code	В	
Breaking Capacity	25 kA lcu <= 125 V DC EN/IEC 60947-2 30 kA lcu 240 V AC 50/60 Hz between phases EN/IEC 60947-2 15 kA lcu 415 V AC 50/60 Hz between phases EN/IEC 60947-2 10 kA lcu 440 V AC 50/60 Hz between phases EN/IEC 60947-2	
Utilisation Category	Category A EN/IEC 60947-2	
Suitability For Isolation	Yes EN/IEC 60947-2	
Standards	EN/IEC 60947-2	
Product Certifications	EAC CCC	

Complementary

Network Frequency	50/60 Hz	
[Ue] Rated Operational Voltage	240 V AC 50/60 Hz between phases	
	415 V AC 50/60 Hz between phases	
	440 V AC 50/60 Hz between phases	
	<= 125 V DC	
Magnetic Tripping Limit	4 x ln +/- 20 % AC	
	5.7 x ln +/- 20 % DC	
[Ics] Rated Service Breaking	15 kA 50 % EN/IEC 60947-2 - 240 V AC 50/60 Hz	
Capacity	7.5 kA 50 % EN/IEC 60947-2 - 415 V AC 50/60 Hz	
	5 kA 50 % EN/IEC 60947-2 - 440 V AC 50/60 Hz	
	25 kA 100 % EN/IEC 60947-2 - <= 125 V DC	
[Ui] Rated Insulation Voltage	500 V AC 50/60 Hz EN/IEC 60947-2	
[Uimp] Rated Impulse Withstand Voltage	6 kVEN/IEC 60947-2	

Price is "List Price" and may be subject to a trade discount - check with your local distributor or retailer for actual price.

Contact Position Indicator	Yes	
Control Type	Toggle	
Local Signalling	ON/OFF indication	
Mounting Mode	Clip-on	
Mounting Support	DIN rail	
9 Mm Pitches	4	
Height	3.19 in (81 mm)	
Width	1.42 in (36 mm)	
Depth	2.83 in (72 mm)	
Net Weight	0.53 lb(US) (0.24 kg)	
Color	Gray	
Mechanical Durability	20000 cycles	
Electrical Durability	10000 cycles	
Provision For Padlocking	Padlockable	
Connections - Terminals	Tunnel type terminal top or bottom) 0.000.04 in² (125 mm²) - rigid Tunnel type terminal top or bottom) 0.000.04 in² (125 mm²) - flexible Tunnel type terminal top or bottom) 0.000.04 in² (125 mm²) - flexible with ferrule	
Wire Stripping Length	0.55 in (14 mm) for top or bottom connection	
Tightening Torque	17.70 lbf.in (2 N.m) top or bottom	
Earth-Leakage Protection	Separate block	

Environment

Heat Dissipation	4.4 W 415 V - 3 A
Ip Degree Of Protection	IP20 conforming to IEC 60529 IP40 (modular enclosure) conforming to IEC 60529
Pollution Degree	3 EN/IEC 60947-2
Overvoltage Category	IV
Tropicalisation	2 IEC 60068-1
Relative Humidity	95 % 131 °F (55 °C)
Ambient Air Temperature For Operation	-22158 °F (-3070 °C)
Ambient Air Temperature For Storage	-40176 °F (-4080 °C)

Ordering and shipping details

Gtin

3606480929496

Packing Units

Unit Type Of Package 1	PCE
Number Of Units In Package 1	1
Package 1 Height	2.95 in (7.5 cm)
Package 1 Width	1.42 in (3.6 cm)
Package 1 Length	3.35 in (8.5 cm)
Package 1 Weight	7.62 oz (216.0 g)
Unit Type Of Package 2	BB1

Number Of Units In Package 2	6	
Package 2 Height	3.07 in (7.8 cm)	
Package 2 Width	3.43 in (8.7 cm)	
Package 2 Length	8.86 in (22.5 cm)	
Package 2 Weight	3.00 lb(US) (1.36 kg)	
Unit Type Of Package 3	S03	
Number Of Units In Package 3	72	
Package 3 Height	11.81 in (30.0 cm)	
Package 3 Width	11.81 in (30.0 cm)	
Package 3 Length	15.75 in (40.0 cm)	
Package 3 Weight	37.55 lb(US) (17.033 kg)	

Sustainability Screen

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Guide to assess a product's sustainability >



Transparency RoHS/REACh

Well-being performance

Mercury Free

Rohs Exemption Information Yes

Halogen Free Plastic Parts & Cables Product

Certifications & Standards

Reach Regulation	REACh Declaration
Eu Rohs Directive	Compliant with Exemptions
China Rohs Regulation	China RoHS declaration Product out of China RoHS scope. Substance declaration for your information.
Environmental Disclosure	Product Environmental Profile
Weee	The product must be disposed on European Union markets following specific waste collection and never end up in rubbish bins.
Circularity Profile	No need of specific recycling operations