Product data sheet

Specifications

Miniature circuit breaker (MCB), Multi9 C60N, 4P, 50A, C curve, 10kA (IEC/EN 60947-2)

M9F11450

Product availability: Non-Stock - Not normally stocked in distribution facility

Price*: 416.00 USD

Main

Range	Multi9
Product Name	Multi9 C60
Product Or Component Type	Miniature circuit-breaker
Device Short Name	C60N
Device Application	Distribution
Poles Description	4P
Number Of Protected Poles	4
Line Rated Current	50 A 122 °F (50 °C) EN/IEC 60947-2
Network Type	DC AC
Trip Unit Technology	Thermal-magnetic
Curve Code	C
Breaking Capacity	40 kA Icu <= 250 V DC EN/IEC 60947-2 10 kA Icu 415 V AC 50/60 Hz between phases EN/IEC 60947-2 20 kA Icu 240 V AC 50/60 Hz between phases EN/IEC 60947-2 6 kA Icu 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 <= 250 V DC
Magnetic Tripping Limit	8.5 x In +/- 20 % AC 12 x In +/- 20 % DC
[Ics] Rated Service Breaking Capacity	7.5 kA 75 % EN/IEC 60947-2 - 415 V AC 50/60 Hz 16 kA 75 % EN/IEC 60947-2 - 240 V AC 50/60 Hz 4.5 kA 75 % EN/IEC 60947-2 - 440 V AC 50/60 Hz 40 kA 100 % EN/IEC 60947-2 - <= 250 V DC
Limitation Class	3
[Ui] Rated Insulation Voltage	500 V AC 50/60 Hz EN/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.

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

[Uimp] Rated Impulse Withstand Voltage	6 kVEN/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	8
Height	3.19 in (81 mm)
Width	2.83 in (72 mm)
Depth	2.83 in (72 mm)
Net Weight	1.06 lb(US) (0.48 kg)
Color	Gray
Mechanical Durability	20000 cycles
Electrical Durability	10000 cycles
Provision For Padlocking	Padlockable
Connections - Terminals	Tunnel type terminal top or bottom) 0.00…0.05 in² (1.5…35 mm²) - rigid Tunnel type terminal top or bottom) 0.00…0.05 in² (1.5…35 mm²) - flexible Tunnel type terminal top or bottom) 0.00…0.05 in² (1.5…35 mm²) - flexible with ferrule
Wire Stripping Length	0.55 in (14 mm) for top or bottom connection
Tightening Torque	30.98 lbf.in (3.5 N.m) top or bottom
Earth-Leakage Protection	Separate block

Environment

Heat Dissipation	19.2 W 415 V - 50 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	-22…158 °F (-30…70 °C)
Ambient Air Temperature For Storage	-40…176 °F (-40…80 °C)

Ordering and shipping details

Category	US10DE200908
Discount Schedule	0DE2
Gtin	3606480576560
Returnability	No
Country Of Origin	FR

Packing Units

Unit Type Of Package 1	PCE

Number Of Units In Package 1	1
Package 1 Height	2.83 in (7.2 cm)
Package 1 Width	2.95 in (7.5 cm)
Package 1 Length	3.35 in (8.5 cm)
Package 1 Weight	16.93 oz (480.0 g)
Unit Type Of Package 2	BB1
Number Of Units In Package 2	3
Package 2 Height	3.07 in (7.8 cm)
Package 2 Width	3.39 in (8.6 cm)
Package 2 Length	8.86 in (22.5 cm)
Package 2 Weight	3.27 lb(US) (1.485 kg)
Unit Type Of Package 3	S03
Number Of Units In Package 3	36
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	40.48 lb(US) (18.362 kg)

Sustainability

Green Premium™ label is Schneider Electric's commitment to delivering products with best-in-class environmental performance. Green Premium promises compliance with the latest regulations, transparency on environmental impacts, as well as circular and low-CO_2 products.

Guide to assessing product sustainability is a white paper that clarifies global eco-label standards and how to interpret environmental declarations.

Learn more about Green Premium >

Guide to assess a product's sustainability >

Transparency RoHS/REACh

Well-being performance

- Mercury Free
- Rohs Exemption Information — Yes
- Halogen Free 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