

Product data sheet

Specifications



Residual current breaker with overcur. prot. (RCBO), Multi9 N40 Vigi, 1P+N, 16A, C curve, 6000A/6kA, AC type, 30mA

M9D11616

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

Price*: 428.00 USD

Main

Range	Multi9
Product Name	Multi9 N40 Vigi
Product Or Component Type	Residual current breaker with overcurrent protection (RCBO)
Device Short Name	N40 Vigi
Device Application	Distribution
Poles Description	1P + N
Neutral Position	Left
Number Of Protected Poles	1
Line Rated Current	16 A 122 °F (50 °C) EN/IEC 60947-2
Network Type	AC
Trip Unit Technology	Thermal-magnetic
Curve Code	C
Earth-Leakage Sensitivity	30 mA
Earth-Leakage Protection Time Delay	Instantaneous
Earth-Leakage Protection Class	Type AC
Breaking Capacity	6 kA Icu 240 V AC 50 Hz EN/IEC 60947-2 6000 A Icn 240 V AC 50 Hz EN/IEC 61009-1
Utilisation Category	Category A EN/IEC 60947-2
Suitability For Isolation	Yes EN/IEC 60947-2

Complementary

Network Frequency	50 Hz
[Ue] Rated Operational Voltage	240 V AC 50 Hz
Magnetic Tripping Limit	8.5 x In +/- 20 % AC
Residual Current Tripping Technology	Voltage independent
[Ics] Rated Service Breaking Capacity	4.5 kA 75 % EN/IEC 60947-2 - 240 V AC 50 Hz
Rated Breaking And Making Capacity	I _{dm} 4500 A 240 V AC 50 Hz EN/IEC 61009-1
Limitation Class	3 EN/IEC 61009-1
[Ui] Rated Insulation Voltage	400 V AC 50 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.

[Uimp] Rated Impulse Withstand Voltage	4 kVEN/IEC 60947-2
Surge Current	250 A
Contact Position Indicator	Yes
Control Type	Toggle
Local Signalling	Fault indication ON/OFF indication
Mounting Mode	Clip-on
Mounting Support	DIN rail
Connection Pitch	0.4 in (9 mm) between phase and neutral
9 Mm Pitches	4
Height	3.2 in (81 mm)
Width	1.4 in (36 mm)
Depth	2.8 in (70 mm)
Net Weight	0.276 lb(US) (0.125 kg)
Color	Gray
Mechanical Durability	20000 cycles
Electrical Durability	20000 cycles
Provision For Padlocking	Padlockable
Connections - Terminals	Tunnel type terminal top or bottom) 0.00...0.02 in ² (0.75...16 mm ²) - rigid Tunnel type terminal top or bottom) 0.00...0.02 in ² (0.33...10 mm ²) - flexible Tunnel type terminal top or bottom) 0.00...0.02 in ² (0.33...10 mm ²) - flexible with ferrule
Wire Stripping Length	0.5 in (13 mm) for top or bottom connection
Tightening Torque	17.7 lbf.in (2 N.m) top or bottom
Earth-Leakage Protection	Integrated

Environment

Standards	EN/IEC 61009-1 EN/IEC 60947-2
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
Electromagnetic Compatibility	8/20 µs impulse withstand, 250 A
Tropicalisation	2 IEC 60068-1
Relative Humidity	95 % 131 °F (55 °C)
Ambient Air Temperature For Operation	23...140 °F (-5...60 °C)
Ambient Air Temperature For Storage	-22...158 °F (-30...70 °C)

Ordering and shipping details

Category	US10DE200908
Discount Schedule	0DE2
Gtin	3606480578908
Returnability	Yes

Country Of Origin	US
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Packing Units

Unit Type Of Package 1	PCE
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Number Of Units In Package 1	1
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Package 1 Height	3.27 in (8.300 cm)
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Package 1 Width	1.575 in (4.000 cm)
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Package 1 Length	3.937 in (10.000 cm)
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Package 1 Weight	7.266 oz (206.000 g)
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Unit Type Of Package 2	S03
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Number Of Units In Package 2	54
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Package 2 Height	11.811 in (30.000 cm)
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Package 2 Width	11.811 in (30.000 cm)
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Package 2 Length	15.748 in (40.000 cm)
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Package 2 Weight	24.89 lb(US) (11.290 kg)
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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-CO₂ 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 Plastic Parts 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 [End of Life Information](#)