Product data sheet

Specifications



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

M9D11606

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

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	6 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
Utilisation category	Category A EN/IEC 60947-2
Suitability for isolation	Yes EN/IEC 60947-2
Standards	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
[Ui] rated insulation voltage	400 V AC 50 Hz EN/IEC 60947-2
[Uimp] rated impulse withstand voltage	4 kVEN/IEC 60947-2
Surge current	250 A
Contact position indicator	Yes

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

Control Type	Toggle
Local signalling	ON/OFF indication Fault 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) 0.001…0.02 in² (0.75…16 mm²) - rigid Tunnel type terminal top or bottom) 0.0005…0.02 in² (0.33…10 mm²) - flexible Tunnel type terminal top or bottom) 0.0005…0.02 in² (0.33…10 mm²) - 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

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	3606480883040
Returnability	No
Country of origin	ES

Packing Units

Unit Type of Package 1	PCE
Nbr. of units in pkg.	1

Package 1 Height	1.575 in (4.000 cm)
Package 1 Width	3.228 in (8.200 cm)
Package 1 Length	4.331 in (11.000 cm)
Package weight(Lbs)	7.090 oz (201.000 g)
Unit Type of Package 2	S03
Number of Units in Package 2	54
Package 2 Height	11.811 in (30.000 cm)
Package 2 Width	11.811 in (30.000 cm)
Package 2 Length	15.748 in (40.000 cm)
Package 2 Weight	24.826 lb(US) (11.261 kg)

Contractual warranty

Warranty (in months)	18

Environmental Data

Schneider Electric aims to achieve Net Zero status by 2050 through supply chain partnerships, lower impact materials, and circularity via our ongoing “Use Better, Use Longer, Use Again” campaign to extend product lifetimes and recyclability.

Environmental Data explained >

How we assess product sustainability >

Environmental footprint

Total lifecycle Carbon footprint	**4 kg CO2 eq.**
Carbon footprint of the manufacturing phase [A1 to A3]	**2 kg CO2 eq.**
Carbon footprint of the distribution phase [A4]	**0 kg CO2 eq.**
Carbon footprint of the installation phase [A5]	**0.1 kg CO2 eq.**
Carbon footprint of the use phase [B2, B3, B4, B6]	**2 kg CO2 eq.**
Carbon footprint of the end-of-life phase [C1 to C4]	**0.5 kg CO2 eq.**
Environmental Disclosure	**Product Environmental Profile**

Use Better

Materials and Substances

Packaging made with recycled cardboard	**No**
Packaging without single use plastic	**No**
SCIP Number	**E30d8de5-e712-4620-931e-4a4cf9525d5a**
EU RoHS Directive	**Compliant By Exemption**
REACh Regulation	**Reference contains Substances of Very High Concern above the threshold**
California proposition 65	**WARNING: This product can expose you to chemicals including: Lead and lead compounds, which is known to the State of California to cause cancer and/or birth defects or other reproductive harm. For more information go to www.P65Warnings.ca.gov.**
OECD PFAS Regulation	**Item contains PFAS Chemicals**
Ship Recycling Directive	**Reportable**
POP Directive	**No POPs**
Halogen content performance	**Halogen free plastic parts product**
PVC free	**Yes**
Silicon free	**No**

Use Again

Repack and remanufacture

Recyclability potential, in %	**47**
Circularity Profile	**End of Life Information**
Take-back	**No**

WEEE Label	The product must be disposed on European Union markets following specific waste collection and never end up in rubbish bins.