



## 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	10 A 122 °F (50 °C) EN/IEC 60947-2
Network type	AC
Trip unit technology	Thermal-magnetic
Curve code	C
Earth-leakage sensitivity	300 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	Idm 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
[Uimp] rated impulse withstand voltage	4 kVEN/IEC 60947-2
Surge current	250 A
Contact position indicator	Yes
Control type	Toggle
Local signalling	ON/OFF indication Fault indication
Mounting Mode	Clip-on
Mounting Support	DIN rail
Connection pitch	0.35 in (9 mm) between phase and neutral
9 mm pitches	4
Height	3.19 in (81 mm)
Width	1.42 in (36 mm)
Depth	2.76 in (70 mm)
Net Weight	0.28 lb(US) (0.125 kg)

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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 <sup>2</sup> (0.75...16 mm <sup>2</sup> ) - rigid Tunnel type terminal top or bottom) 0.00...0.02 in <sup>2</sup> (0.33...10 mm <sup>2</sup> ) - flexible Tunnel type terminal top or bottom) 0.00...0.02 in <sup>2</sup> (0.33...10 mm <sup>2</sup> ) - flexible with ferrule
Wire stripping length	0.51 in (13 mm) for top or bottom connection
Tightening torque	17.70 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	00908-C60N SUPPLEMENTARY PROTECTORS
Discount Schedule	DE2
GTIN	3606480578915
Returnability	No
Country of origin	ES

## Packing Units

Unit Type of Package 1	PCE
Number of Units in Package 1	1
Package 1 Height	1.57 in (4.000 cm)
Package 1 Width	3.27 in (8.300 cm)
Package 1 Length	3.94 in (10.000 cm)
Package 1 Weight	7.02 oz (199.000 g)
Unit Type of Package 2	BB1
Number of Units in Package 2	6
Package 2 Height	3.54 in (9.000 cm)
Package 2 Width	4.33 in (11.000 cm)
Package 2 Length	10.24 in (26.000 cm)
Package 2 Weight	2.78 lb(US) (1.263 kg)
Unit Type of Package 3	S03
Number of Units in Package 3	54
Package 3 Height	11.81 in (30.000 cm)
Package 3 Width	11.81 in (30.000 cm)
Package 3 Length	15.75 in (40.000 cm)
Package 3 Weight	26.13 lb(US) (11.854 kg)

## Offer Sustainability

Sustainable offer status	Green Premium product
REACH Regulation	<a href="#">REACH Declaration</a>
EU RoHS Directive	Compliant with Exemptions
Mercury free	Yes
China RoHS Regulation	<a href="#">China RoHS Declaration</a>
RoHS exemption information	<a href="#">Yes</a>
Environmental Disclosure	<a href="#">Product Environmental Profile</a>
Circularity Profile	<a href="#">End Of Life Information</a>
WEEE	The product must be disposed on European Union markets following specific waste collection and never end up in rubbish bins.
Halogen content performance	Halogen free plastic parts product