



## 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	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	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	Fault indication ON/OFF 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)

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	3606480578892
Returnability	Yes
Country of origin	ES

## Packing Units

Unit Type of Package 1	PCE
Number of Units in Package 1	1
Package 1 Height	3.27 in (8.300 cm)
Package 1 Width	1.57 in (4.000 cm)
Package 1 Length	3.94 in (10.000 cm)
Package 1 Weight	7.02 oz (199.000 g)
Unit Type of Package 2	S03
Number of Units in Package 2	54
Package 2 Height	11.81 in (30.000 cm)
Package 2 Width	11.81 in (30.000 cm)
Package 2 Length	15.75 in (40.000 cm)
Package 2 Weight	24.72 lb(US) (11.212 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>

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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

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