



Main

Range	Multi 9
Product name	Multi 9 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 6000 A Icn 240 V AC 50 Hz EN/IEC 61009-1
Utilisation category	Category A conforming to EN/IEC 60947-2
Suitability for isolation	Yes conforming to 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
9 mm pitches	4
Height	3.19 in (81 mm)
Width	1.42 in (36 mm)
Maximum Depth	2.76 in (70 mm)
Net Weight	0.28 lb(US) (0.125 kg)
Color	Grey
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	13 mm for top or bottom connection
Tightening torque	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 conforming to IEC 60068-1
Relative humidity	95 % at 55 °C
Ambient air temperature for operation	-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	03606480883040
Nbr. of units in pkg.	1
Package weight(Lbs)	2.82 lb(US) (1.28 kg)
Returnability	No

Packing Units

Unit Type of Package 1	PCE
Package 1 Height	1.57 in (4 cm)
Package 1 width	4.33 in (11 cm)
Package 1 Length	3.23 in (8.2 cm)
Unit Type of Package 2	BB1
Number of Units in Package 2	6
Package 2 Weight	2.78 lb(US) (1.26 kg)
Package 2 Height	3.54 in (9 cm)
Package 2 width	10.16 in (25.8 cm)
Package 2 Length	4.25 in (10.8 cm)
Unit Type of Package 3	S03
Number of Units in Package 3	54
Package 3 Weight	24.76 lb(US) (11.233 kg)
Package 3 Height	11.81 in (30 cm)
Package 3 width	11.81 in (30 cm)
Package 3 Length	15.75 in (40 cm)

Offer Sustainability

Sustainable offer status	Green Premium product
REACH Regulation	 REACH Declaration
EU RoHS Directive	Compliant  EU RoHS Declaration
Mercury free	Yes
RoHS exemption information	 Yes

China RoHS Regulation	 China RoHS Declaration
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.
Halogen content performance	Halogen free plastic parts product