



Main

Range	Multi9
Product name	Multi9 N40
Product or Component Type	Miniature circuit-breaker
Device short name	N40N
Device Application	Distribution
Poles description	3P + N
Number of protected poles	3
Neutral position	Left
Line Rated Current	20 A 122 °F (50 °C) EN/IEC 60947-2
Network type	AC
Trip unit technology	Thermal-magnetic
Curve code	C
Breaking capacity	10 kA Icu 415 V AC 50/60 Hz between phases EN/IEC 60947-2
Suitability for isolation	Yes EN/IEC 60947-2
Standards	EN/IEC 60947-2

Complementary

Network Frequency	50/60 Hz
[Ue] rated operational voltage	415 V AC 50/60 Hz between phases
Magnetic tripping limit	8.5 x In +/- 20 % AC
[Ics] rated service breaking capacity	7.5 kA 75 % EN/IEC 60947-2 - 415 V AC 50/60 Hz
Limitation class	3 EN/IEC 60947-2
[Ui] rated insulation voltage	500 V AC 50/60 Hz EN/IEC 60947-2
[Uimp] rated impulse withstand voltage	4 kVEN/IEC 60947-2
Contact position indicator	Yes
Control type	Toggle
Local signalling	ON/OFF indication
Mounting Mode	Clip-on
Mounting Support	DIN rail
9 mm pitches	6
Height	3.19 in (81 mm)
Width	2.13 in (54 mm)
Depth	3.07 in (78 mm)
Net Weight	0.71 lb(US) (0.322 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	0.51 in (13 mm) for top or bottom connection
Tightening torque	17.70 lbf.in (2 N.m) top or bottom
Earth-leakage protection	Separate block

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Environment

IP degree of protection	IP20 conforming to IEC 60529 IP40 (modular enclosure) conforming to IEC 60529
Pollution degree	3 EN/IEC 60947-2
Tropicalisation	2 IEC 60068-1
Relative humidity	95 % 131 °F (55 °C)
Ambient air temperature for operation	-13...158 °F (-25...70 °C)
Ambient Air Temperature for Storage	-40...158 °F (-40...70 °C)


Ordering and shipping details

Category	01078-DE2 MISC
Discount Schedule	DE2
GTIN	3606480572357
Returnability	No
Country of origin	HU

Packing Units

Unit Type of Package 1	PCE
Number of Units in Package 1	1
Package 1 Height	2.13 in (5.4 cm)
Package 1 Width	2.44 in (6.2 cm)
Package 1 Length	3.39 in (8.6 cm)
Package 1 Weight	11.50 oz (326.0 g)
Unit Type of Package 2	BB1
Number of Units in Package 2	4
Package 2 Height	3.31 in (8.4 cm)
Package 2 Width	3.70 in (9.4 cm)
Package 2 Length	8.98 in (22.8 cm)
Package 2 Weight	2.98 lb(US) (1.35 kg)
Unit Type of Package 3	S03
Number of Units in Package 3	48
Package 3 Height	11.81 in (30.0 cm)
Package 3 Width	11.81 in (30.0 cm)
Package 3 Length	15.75 in (40.0 cm)
Package 3 Weight	36.79 lb(US) (16.687 kg)

Offer Sustainability

Sustainable offer status	Green Premium product
REACH Regulation	 REACH Declaration
EU RoHS Directive	Compliant with Exemptions
Mercury free	Yes
China RoHS Regulation	 China RoHS Declaration
RoHS exemption information	 Yes
Environmental Disclosure	 Product Environmental Profile
Circularity Profile	No need of specific recycling operations
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 product