Product data sheet

Specifications

Miniature circuit breaker (MCB), Multi9 N40N, 3P+N, 10A, C curve, 10kA (IEC/EN 60947-2)

M9P22710

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

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	10 A 122 °F (50 °C) EN/IEC 60947-2
Network type	AC
Network Frequency	50/60 Hz
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
Standards	EN/IEC 60947-2

Complementary

[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
Suitability for isolation	Yes EN/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	3.2 in (81 mm)

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

Width	2.1 in (54 mm)
Depth	3.07 in (78 mm)
Product Weight	0.710 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) 0.001…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	Separate block

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	US10DE201078
Discount Schedule	0DE2
GTIN	3606480572333
Returnability	No
Country of origin	HU

Packing Units

Unit Type of Package 1	PCE
Nbr. of units in pkg.	1
Package 1 Height	2.126 in (5.400 cm)
Package 1 Width	2.953 in (7.500 cm)
Package 1 Length	3.543 in (9.000 cm)
Package weight(Lbs)	11.217 oz (318.000 g)
Unit Type of Package 2	BB1
Number of Units in Package 2	4
Package 2 Height	3.228 in (8.200 cm)
Package 2 Width	3.740 in (9.500 cm)
Package 2 Length	8.858 in (22.500 cm)

Package 2 Weight	2.932 lb(US) (1.330 kg)
Unit Type of Package 3	S03
Number of Units in Package 3	48
Package 3 Height	11.811 in (30.000 cm)
Package 3 Width	11.811 in (30.000 cm)
Package 3 Length	15.748 in (40.000 cm)
Package 3 Weight	36.259 lb(US) (16.447 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	**3 kg CO2 eq.**
Carbon footprint of the manufacturing phase [A1 to A3]	**2 kg CO2 eq.**
Carbon footprint of the distribution phase [A4]	**0.1 kg CO2 eq.**
Carbon footprint of the installation phase [A5]	**0 kg CO2 eq.**
Carbon footprint of the use phase [B2, B3, B4, B6]	**0 kg CO2 eq.**
Carbon footprint of the end-of-life phase [C1 to C4]	**0.9 kg CO2 eq.**
Environmental Disclosure	**Product Environmental Profile**

Use Better

Materials and Substances

Packaging made with recycled cardboard	**No**
Packaging without single use plastic	**Yes**
SCIP Number	**C839c050-8547-41ce-b0db-e9813554fc09**
EU RoHS Directive	**Compliant By Exemption**
REACh Regulation	**Reference contains Substances of Very High Concern above the threshold**
PVC free	**Yes**
Silicon free	**No**

Use Longer

Lifetime extension

Repair	**No**

Use Again

Repack and remanufacture

Recyclability potential, in %	**52**
Circularity Profile	**No need of specific recycling operations**
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.**