



Main

Range	Multi 9
Product name	Multi 9 N40
Product or component type	Miniature circuit-breaker
Device short name	N40N
Device application	Distribution
Poles description	1P + N
Number of protected poles	1
Neutral position	Left
[In] rated current	10 A at 122 °F (50 °C) conforming to EN/IEC 60947-2
Network type	AC
Trip unit technology	Thermal-magnetic
Curve code	C
Breaking capacity	Icu 10 kA at 240 V AC 50/60 Hz between phase and neutral conforming to EN/IEC 60947-2
Suitability for isolation	Yes conforming to EN/IEC 60947-2
Standards	EN/IEC 60947-2

Complementary

Network frequency	50/60 Hz
System Voltage	240 V between phase and neutral AC 50/60 Hz
Magnetic tripping limit	8.5 x In +/- 20 % AC
[Ics] rated service breaking capacity	7.5 kA 75 % x Icu at 240 V AC 50/60 Hz conforming to EN/IEC 60947-2
Limitation class	3 conforming to EN/IEC 60947-2
[Ui] rated insulation voltage	500 V AC 50/60 Hz conforming to EN/IEC 60947-2
[Uimp] rated impulse withstand voltage	4 kV conforming to EN/IEC 60947-2
Contact position indicator	Yes
Control type	Toggle

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

Local signalling	ON/OFF indication
Mounting mode	Clip-on
Mounting support	DIN rail
9 mm pitches	2
Height	3.19 in (81 mm)
Width	0.71 in (18 mm)
Depth	3.07 in (78 mm)
Product weight	0.25 lb(US) (0.115 kg)
Colour	Grey
Mechanical durability	20000 cycles
Electrical durability	20000 cycles
Provision for padlocking	Padlockable
Connections - terminals	Tunnel type terminal, top or bottom rigid wire(s) 0...0.02 in ² (0.75...16 mm ²) max Tunnel type terminal, top or bottom flexible wire(s) 0...0.02 in ² (0.33...10 mm ²) max Tunnel type terminal, top or bottom flexible with ferrule wire(s) 0...0.02 in ² (0.33...10 mm ²) max
Wire stripping length	0.51 in (13 mm) (top or bottom)
Tightening torque	17.7 lbf.in (2 N.m) (top or bottom)
Earth-leakage protection	Separate block

Environment

IP degree of protection	IP40 modular enclosure conforming to IEC 60529 IP20 conforming to IEC 60529
Pollution degree	3 conforming to EN/IEC 60947-2
Tropicalisation	2 conforming to 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	00785901511403
Nbr. of units in pkg.	1
Package weight(Lbs)	0.25
Returnability	N
Country of origin	FR

Offer Sustainability

Sustainable offer status	Green Premium product
RoHS (date code: YYWW)	Compliant - since 0627 - Schneider Electric declaration of conformity Schneider Electric declaration of conformity
REACH	Reference not containing SVHC above the threshold Reference not containing SVHC above the threshold
Product environmental profile	Available
Product end of life instructions	Need no specific recycling operations