



Main

Range of product	Multi 9
Range	Multi 9
Product name	Multi 9 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
[In] rated current	20 A at 50 °C conforming to EN/IEC 60947-2
Network type	AC
Trip unit technology	Thermal-magnetic
Curve code	C
Breaking capacity code	N
Breaking capacity	Icu 10 kA at 415 V AC 50/60 Hz between phases 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
[Ue] rated operational voltage	415 V between phases 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 415 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

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

Control type	Toggle
Local signalling	ON/OFF indication
Mounting mode	Clip-on
Mounting support	DIN rail
Connection pitch	18 mm Between phase and neutral 18 mm Between phases
9 mm pitches	6
Height	81 mm
Width	54 mm
Depth	78 mm
Product weight	0.322 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) 0.75...16 mm ² max Tunnel type terminal, top or bottom flexible wire(s) 0.33...10 mm ² max Tunnel type terminal, top or bottom flexible with ferrule wire(s) 0.33...10 mm ² max
Wire stripping length	13 mm (top or bottom)
Tightening torque	2 N.m (top or bottom)
Earth-leakage protection	Separate block

Environment

IP degree of protection	IP40 for 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 % (55 °C)
Ambient air temperature for operation	-25...70 °C
Ambient air temperature for storage	-40...70 °C

Offer Sustainability

Sustainable offer status	Green Premium product
RoHS (date code: YYWW)	Compliant - since 1310 - 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