



Main

Circuit breaker application	Distribution
Rangerange	Multi 9
Product nameproduct name	N40 Vigi
Product or component typeproduct or component type	Earth leakage circuit breaker
Device short namedevice short name	N40 Vigi
Poles descriptionpoles description	1P + N
Neutral positionneutral position	Left
Number of protected polesnumber of protected poles	1
[In] rated current[In] rated current	10 A
Network typenetwork type	AC
Trip unit technologytrip unit technology	Thermal-magnetic
Curve codecurve code	C
Earth-leakage sensitivityearth-leakage sensitivity	30 mA
Earth-leakage protection time delayearth-leakage protection time delay	Instantaneous
Earth-leakage protection classearth-leakage protection class	Class AC
Breaking capacity-breaking capacity	Icu 10 kA at 240 V AC 50 Hz conforming to EN/IEC 60947-2 Icn 6000 A at 240 V AC 50 Hz conforming to EN/IEC 61009-1
Utilisation categoryutilisation category	Category A

Complementary

Network frequencynetwork frequency	50 Hz
System VoltageSystem Voltage	240 V AC 50 Hz
Magnetic tripping limitmagnetic tripping limit	8.5 x In +/- 20 %
Residual current tripping technologyresidual current tripping technology	Voltage independent
[Ics] rated service breaking capacity[Ics] rated service breaking capacity	Ics 7.5 kA 240 V AC 50 Hz

Limitation class/limitation class	3 3 conforming to conforming to EN/IEC 61009-1 EN/IEC 61009-1
[Ui] rated insulation voltage/[Ui] rated insulation voltage	400 V AC 50 Hz
[Uimp] rated impulse withstand voltage/[Uimp] rated impulse withstand voltage	4 kV
Contact position indicator/contact position indicator	Yes
Control type/control type	Toggle
Local signalling/local signalling	ON/OFF indication Fault indication
Mounting support/mounting support	DIN rail
9 mm pitches/9 mm pitches	4
Height/height	3.19 in (81 mm)
Width/width	1.42 in (36 mm)
Depth/depth	2.76 in (70 mm)
Product weight/product weight	0.28 lb(US) (0.125 kg)
Colour/colour	Grey
Mechanical durability/mechanical durability	20000 cycles
Electrical durability/electrical durability	20000 cycles
Provision for padlocking/provision for padlocking	Padlockable
Connections - terminals/connections - terminals	Tunnel type terminal top or bottom 0.75...16 mm ² rigid Tunnel type terminal top or bottom 0.33...10 mm ² flexible
Wire stripping length/wire stripping length	0.51 in (13 mm) top or bottom
Tightening torque/tightening torque	17.7 lbf.in (2 N.m) top or bottom
Earth-leakage protection/earth-leakage protection	Integrated

Environment

Standards/standards	EN/IEC 61009-1
IP degree of protection/IP degree of protection	IP20 conforming to IEC 60529
Pollution degree/pollution degree	3
Overvoltage category/overvoltage category	IV
Tropicalisation/tropicalisation	2 conforming to IEC 60068-1
Relative humidity/relative humidity	95 % (131 °F (55 °C))
Ambient air temperature for operation/ambient air temperature for operation	23...140 °F (-5...60 °C)
Ambient air temperature for storage/ambient air temperature for storage	-22...158 °F (-30...70 °C)

Offer Sustainability

Sustainable offer status/Sustainable offer status	Green Premium product
RoHS (date code: YYWW)/RoHS (date code: YY-WW)	Compliant - since 1201 - Schneider Electric declaration of conformity Schneider Electric declaration of conformity
REACH/REACH	Reference not containing SVHC above the threshold
Product environmental profile/Product environmental profile	Available
Product end of life instructions/Product end of life instructions	Need no specific recycling operations