

# Product datasheet

Specifications



residual current breaker with overcurrent protection (RCBO), Acti9 DPN N Vigi, 1P+N, 40A, 30mA, A-SI type, 6000A

A9N19638

⚠ Discontinued on: 1 Jul 2019

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## Main

Circuit breaker application	Distribution
Range	Acti9
Product or component type	Earth leakage circuit breaker
Product name	DPN Vigi
Device short name	DPN N Vigi
Poles description	1P + N
Neutral position	Left
Number of protected poles	1
[In] rated current	40 A at 30 °C
Network type	AC
Trip unit technology	Thermal-magnetic
Curve code	C
Earth-leakage sensitivity	30 mA
Earth-leakage protection time delay	Instantaneous
type	Type A-SI (Super Immunised)
Breaking capacity	6000 A Icn at 230 V AC conforming to EN 61009
Utilisation category	Category A

## Complementary

Device location in system	Outgoer
[Ue] rated operational voltage	230 V AC
Magnetic tripping limit	5...10 x In
Residual current tripping technology	Voltage independent
[Ics] rated service breaking capacity	6000 A at 230 V AC 50/60 Hz conforming to EN 61009
Limitation class	3 conforming to EN 61009
[Ui] rated insulation voltage	400 V AC conforming to EN 61009
[Uimp] rated impulse withstand voltage	4 kV conforming to EN 61009
Contact position indicator	Yes
Control type	Toggle

Local signalling	ON/OFF indication
Mounting support	35 mm DIN rail
9 mm pitches	4
Height	81 mm
Width	36 mm
Depth	77.5 mm
Net weight	125 g
Embedding depth	44 mm
Colour	White
Mechanical durability	20000 cycles
Electrical durability	10000 cycles conforming to IEC 61009
Connections - terminals	Tunnel type terminals (top or bottom) 1 cable(s) 1...10 mm <sup>2</sup> flexible with ferrule Tunnel type terminals (top or bottom) 1 cable(s) 1...16 mm <sup>2</sup> rigid
Wire stripping length	15 mm for top or bottom connection
Tightening torque	2 N.m top or bottom
Earth-leakage protection	Integrated

## Environment

Standards	EN/IEC 61009-1 EN/IEC 61009-2-1
IP degree of protection	IP20 conforming to IEC 60529 IP40 (modular enclosure) conforming to IEC 60529
Pollution degree	3 conforming to EN 61009
Overvoltage category	IV
Tropicalisation	2 conforming to IEC 60068-1
Relative humidity	95 % at 55 °C
Operating altitude	2000 m
Ambient air temperature for operation	-25...60 °C
Ambient air temperature for storage	-30...70 °C

## Packing Units

Unit Type of Package 1	PCE
Number of Units in Package 1	1
Package 1 Height	7.5 cm
Package 1 Width	3.6 cm
Package 1 Length	8.5 cm
Package 1 Weight	208 g
Unit Type of Package 2	S03
Number of Units in Package 2	54
Package 2 Height	30.0 cm
Package 2 Width	30.0 cm
Package 2 Length	40.0 cm

Package 2 Weight	11.673 kg
Unit Type of Package 3	P12
Number of Units in Package 3	432
Package 3 Height	44.4 cm
Package 3 Width	80 cm
Package 3 Length	120 cm
Package 3 Weight	105.384 kg

## Contractual warranty

Warranty (in months)	18
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## 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	37 kg CO2 eq.
Carbon footprint of the manufacturing phase [A1 to A3]	2 kg CO2 eq.
Carbon footprint of the distribution phase [A4]	0 kg CO2 eq.
Carbon footprint of the installation phase [A5]	0.1 kg CO2 eq.
Carbon footprint of the use phase [B2, B3, B4, B6]	34 kg CO2 eq.
Carbon footprint of the end-of-life phase [C1 to C4]	0.5 kg CO2 eq.
Environmental Disclosure	<a href="#">Product Environmental Profile</a>

## Use Better



### Materials and Substances

Packaging made with recycled cardboard	No
Packaging without single use plastic	Yes
SCIP Number	B078722f-7853-4e1e-a05b-29638f57b0ab
EU RoHS Directive	<a href="#">Compliant By Exemption</a>
REACH Regulation	<a href="#">Reference contains Substances of Very High Concern above the threshold</a>

## Use Longer



### Lifetime extension

Repair	No
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## Use Again



### Repack and remanufacture

Recyclability potential, in %	47
Take-back	Nej