

Product datasheet

Specifications



residual current breaker with
overcurrent protection (RCBO),
Acti9 DPN N Vigi, 1P+N, 20A,
300mA, AC type, 6000A

A9N19686

⚠ Discontinued on: 1 Nov 2020

⚠ Discontinued

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	20 A at 30 °C
Network type	AC
Trip unit technology	Thermal-magnetic
Curve code	C
Earth-leakage sensitivity	300 mA
Earth-leakage protection time delay	Instantaneous
type	Type AC
Breaking capacity	6000 A Icn at 230 V AC conforming to EN 61009

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

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

Mounting support	DIN rail
9 mm pitches	4
Net weight	0.19 kg
Colour	White
Mechanical durability	20000 cycles
Electrical durability	20000 cycles conforming to IEC 61009
Connections - terminals	Tunnel type terminals1 cable(s) 10 mm² flexible Tunnel type terminals1 cable(s) 16 mm² rigid
Earth-leakage protection	Integrated

Environment

Standards	EN/IEC 61009-2-1 EN/IEC 61009-1
Pollution degree	3 conforming to EN 61009
Overvoltage category	III
Tropicalisation	2 conforming to EN 61009
Relative humidity	95 % at 55 °C
Operating altitude	2000 m
Ambient air temperature for operation	-5...60 °C
Ambient air temperature for storage	-40...60 °C

Packing Units

Unit Type of Package 1	PCE
Number of Units in Package 1	1
Package 1 Height	8.500 cm
Package 1 Width	4.000 cm
Package 1 Length	10.000 cm
Package 1 Weight	197.000 g
Unit Type of Package 2	BB1
Number of Units in Package 2	6
Package 2 Height	9.000 cm
Package 2 Width	11.000 cm
Package 2 Length	25.500 cm
Package 2 Weight	1.240 kg
Unit Type of Package 3	S03
Number of Units in Package 3	54
Package 3 Height	30.000 cm
Package 3 Width	30.000 cm
Package 3 Length	40.000 cm
Package 3 Weight	12.090 kg

Contractual warranty



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	26 kg CO2 eq.
Environmental Disclosure	Product Environmental Profile
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]	24 kg CO2 eq.
Carbon footprint of the end-of-life phase [C1 to C4]	0.6 kg CO2 eq.

Use Better



Materials and Substances

Packaging made with recycled cardboard	No
Packaging without single use plastic	Yes
SCIP Number	E30d8de5-e712-4620-931e-4a4cf9525d5a

Use Longer



Lifetime extension

Repair	No
--------	----

Use Again



Repack and remanufacture

Recyclability potential, in %	47
Take-back	No