Product datasheet

Specifications

Green Premium™

Discontinued

residual current breaker with overcurrent protection (RCBO), Acti9 DPN N Vigi, 1P+N, 16A, 300mA, AC type, 6000A

A9N19685

Discontinued on: 1 Jul 2019

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	16 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
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

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 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	20000 cycles conforming to IEC 61009
Connections - Terminals	Tunnel type terminals (top or bottom) 1 cable(s) 1…10 mm² flexible with ferrule Tunnel type terminals (top or bottom) 1 cable(s) 1…16 mm² 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	-5…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	8.200 cm
Package 1 Width	4.000 cm
Package 1 Length	10.000 cm
Package 1 Weight	195.000 g
Unit Type Of Package 2	BB1
Number Of Units In Package 2	6
Package 2 Height	9.000 cm
Package 2 Width	10.500 cm
Package 2 Length	25.500 cm

Package 2 Weight	1.272 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	11.935 kg

Contractual warranty

Warranty	18 months

Sustainability

Green Premium™ label is Schneider Electric's commitment to delivering products with best-in-class environmental performance. Green Premium promises compliance with the latest regulations, transparency on environmental impacts, as well as circular and low-CO_2 products.

Guide to assessing product sustainability is a white paper that clarifies global eco-label standards and how to interpret environmental declarations.

Learn more about Green Premium >

Guide to assess a product's sustainability >

Transparency RoHS/REACh

Well-being performance

Mercury Free	
Rohs Exemption Information	Yes
Halogen Free Plastic Parts Product	

Certifications & Standards

Reach Regulation	REACh Declaration
Eu Rohs Directive	Compliant with Exemptions
China Rohs Regulation	China RoHS declaration Product out of China RoHS scope. Substance declaration for your information
Environmental Disclosure	Product Environmental Profile
Weee	The product must be disposed on European Union markets following specific waste collection and never end up in rubbish bins
Circularity Profile	End of Life Information