Product datasheet

Specifications

Green Premium™

Acti 9 DPN N Vigi - RCBO - 3P+N - 6A - C Curve - 6000A - 30mA - type AC

A9D31706

Discontinued on: 14-Oct-2021

End-of-service on: 30-Jun-2022

Discontinued

Main

Range	Acti9
Product Name	Acti9 DPN Vigi
Product Or Component Type	Residual current breaker with overcurrent protection (RCBO)
Device Short Name	DPN N Vigi
Device Application	Distribution
Poles Description	3P + N
Number Of Protected Poles	3
Neutral Position	Left
[In] Rated Current	6 A
Network Type	AC
Trip Unit Technology	Thermal-magnetic
Curve Code	C
Earth-Leakage Sensitivity	30 mA
Earth-Leakage Protection Time Delay	Instantaneous
Earth-Leakage Protection Class	Type AC
Breaking Capacity	6000 A Icn at 380...415 V AC 50/60 Hz conforming to EN/IEC 61009-2-1
Suitability For Isolation	Yes conforming to EN/IEC 60947-2

Complementary

Complementary	Outgoer
Network Frequency	50/60 Hz
[Ue] Rated Operational Voltage	380...415 V AC 50/60 Hz
Magnetic Tripping Limit	5...10 x In
Residual Current Tripping Technology	Voltage independent
[Ics] Rated Service Breaking Capacity	6000 A 100 % x Icn at 380...415 V AC 50/60 Hz conforming to EN/IEC 61009-2-1
Rated Breaking And Making Capacity	Idm 6000 A at 380...415 V AC 50/60 Hz conforming to EN/IEC 61009-2-1
Limitation Class	3 3 conforming to EN/IEC 61009-2-1
[Ui] Rated Insulation Voltage	440 V AC 50/60 Hz

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

[Uimp] Rated Impulse Withstand Voltage	4 kV
Contact Position Indicator	Yes
Control Type	Toggle
Local Signalling	ON, OFF, fault trip
Mounting Mode	Clip-on
Mounting Support	DIN rail
Comb Busbar And Distribution Block Compatibility	Top or bottom: YES
Connection Pitch	18 mm between phases 9 mm between phase and neutral
9 Mm Pitches	10
Height	91 mm
Width	90 mm
Depth	78.5 mm
Net Weight	498 g
Colour	White
Mechanical Durability	20000 cycles
Electrical Durability	20000 cycles
Locking Options Description	Sealable Padlocking device
Connections - Terminals	Tunnel type terminal top or bottom 0.75…16 mm² rigid Tunnel type terminal top or bottom 0.33…10 mm² flexible Tunnel type terminal top or bottom 0.33…10 mm² flexible with ferrule
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 61009-2-1
Ip Degree Of Protection	IP20 conforming to IEC 60529 IP40 (modular enclosure) conforming to IEC 60529
Pollution Degree	3
Overvoltage Category	III conforming to IEC 60364
Electromagnetic Compatibility	8/20 µs impulse withstand, 250 A conforming to EN/IEC 61009-2-1
Tropicalisation	2 conforming to IEC 60068-1
Relative Humidity	90 % at 55 °C
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	8.9 cm
Package 1 Width	11.3 cm

Package 1 Length	16.2 cm
Package 1 Weight	578 g

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 & Cables 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	No need of specific recycling operations