

# Product data sheet

Specifications



## Acti9 iDPN N Vigi - RCBO - 1P+N - 6A - C Curve - 6000A - 100mA - type A-G

A9D72606

⚠ Discontinued on: Oct 11, 2019

⚠ Discontinued

### Main

Range	Acti9
Product Name	Acti9 iDPN Vigi
Product Or Component Type	Residual current breaker with overcurrent protection (RCBO)
Device Short Name	iDPN N Vigi
Device Application	Distribution
Poles Description	1P + N
Number Of Protected Poles	1
Neutral Position	Left
[In] Rated Current	6 A
Network Type	AC
Trip Unit Technology	Thermal-magnetic
Curve Code	C
Earth-Leakage Sensitivity	100 mA
Earth-Leakage Protection Time Delay	Delayed
Earth-Leakage Protection Class	Type A-G
Breaking Capacity	6000 A Icn at 220...240 V AC 50 Hz conforming to EN/IEC 61009-2-1
Suitability For Isolation	Yes conforming to EN/IEC 60947-2

### Complementary

Complementary	Outgoer
Network Frequency	50 Hz
[Ue] Rated Operational Voltage	220...240 V AC 50 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 220...240 V AC 50 Hz conforming to EN/IEC 61009-2-1
Rated Breaking And Making Capacity	I <sub>dm</sub> 6000 A at 220...240 V AC 50 Hz conforming to EN/IEC 61009-2-1
Limitation Class	3 conforming to EN/IEC 61009-2-1
[Ui] Rated Insulation Voltage	400 V AC 50 Hz
[Uimp] Rated Impulse Withstand Voltage	4 kV

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

Surge Current	3 kA
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	9 mm between phase and neutral
9 Mm Pitches	4
Height	85 mm
Width	36 mm
Depth	73 mm
Net Weight	125 g
Colour	White
Mechanical Durability	20000 cycles
Electrical Durability	20000 cycles
Locking Options Description	Padlocking device
Connections - Terminals	Single terminal top or bottom 1...16 mm² rigid Single terminal top or bottom 1...10 mm² flexible Single terminal top or bottom 1...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
Product Certifications	VDE OVE
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	95 % at 55 °C
Ambient Air Temperature For Operation	-25...60 °C
Ambient Air Temperature For Storage	-40...85 °C

## Packing Units

Unit Type Of Package 1	PCE
Number Of Units In Package 1	1
Package 1 Height	9.5 cm
Package 1 Width	3.6 cm

Package 1 Length	7.8 cm
Package 1 Weight	0.23 kg

## Contractual warranty

Warranty	18 months
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## Sustainability

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**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

## Well-being performance



Mercury Free



Rohs Exemption Information

Yes



Halogen Free Plastic Parts Product

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](#)