

# Product datasheet

Specifications



## Acti9 iDPN N Vigi - RCBO - 1P+N - 10A - 110 V - C Curve - 6000A - 30mA - type A

Local distributor code:

408886499

A9D01610

**EAN Code: 3606480684869**

### 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	10 A
Network type	AC
Network frequency	50 Hz
Trip unit technology	Thermal-magnetic
Curve code	C
Earth-leakage sensitivity	30 mA
Suitability for isolation	Yes conforming to EN/IEC 60947-2

### Complementary

Device location in system	Outgoer
[Ue] rated operational voltage	110 V AC 50 Hz
Magnetic tripping limit	5...10 x In
Residual current tripping technology	Voltage independent
Earth-leakage protection time delay	Instantaneous
Earth-leakage protection class	Type A
Breaking capacity	6000 A Icn at 110 V AC 50 Hz conforming to EN/IEC 61009-2-1
[Ics] rated service breaking capacity	6000 A 100 % x Icn at 110 V AC 50 Hz conforming to EN/IEC 61009-2-1
Rated breaking and making capacity	Idm 6000 A at 110 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
Surge current	250 A

<b>Contact position indicator</b>	Yes
<b>control type</b>	Toggle
<b>Local signalling</b>	ON, OFF, fault trip
<b>Mounting mode</b>	Clip-on
<b>Mounting support</b>	DIN rail
<b>Comb busbar and distribution block compatibility</b>	Top or bottom: YES
<b>Connection pitch</b>	9 mm between phase and neutral
<b>9 mm pitches</b>	4
<b>Height</b>	85 mm
<b>Width</b>	36 mm
<b>Depth</b>	73 mm
<b>Net weight</b>	125 g
<b>Colour</b>	White
<b>Mechanical durability</b>	20000 cycles
<b>Electrical durability</b>	20000 cycles
<b>Locking options description</b>	Padlocking device
<b>Connections - terminals</b>	Single terminal top or bottom 1...16 mm <sup>2</sup> rigid Single terminal top or bottom 1...10 mm <sup>2</sup> flexible Single terminal top or bottom 1...10 mm <sup>2</sup> flexible with ferrule
<b>Wire stripping length</b>	15 mm for top or bottom connection
<b>Tightening torque</b>	2 N.m top or bottom
<b>Earth-leakage protection</b>	Integrated

## Environment

<b>Standards</b>	EN/IEC 61009-2-1
<b>IP degree of protection</b>	IP20 conforming to IEC 60529 IP40 (modular enclosure) conforming to IEC 60529
<b>Pollution degree</b>	3
<b>Overvoltage category</b>	III conforming to IEC 60364
<b>Electromagnetic compatibility</b>	8/20 µs impulse withstand, 250 A conforming to EN/IEC 61009-2-1
<b>Tropicalisation</b>	2 conforming to IEC 60068-1
<b>Relative humidity</b>	95 % at 55 °C
<b>Ambient air temperature for operation</b>	-25...60 °C
<b>Ambient air temperature for storage</b>	-40...85 °C

## Packing Units

<b>Unit Type of Package 1</b>	PCE
<b>Number of Units in Package 1</b>	1
<b>Package 1 Height</b>	4.000 cm
<b>Package 1 Width</b>	8.300 cm
<b>Package 1 Length</b>	10.200 cm
<b>Package 1 Weight</b>	216.000 g

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Unit Type of Package 2	S03
Number of Units in Package 2	54
Package 2 Height	30.000 cm
Package 2 Width	30.000 cm
Package 2 Length	40.000 cm
Package 2 Weight	12.097 kg

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## Logistical informations

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Country of origin ES

## Contractual warranty

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Warranty (in months) 18



## 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 18

Environmental Disclosure [Product Environmental Profile](#)

## Use Better

### Materials and Substances

Packaging made with recycled cardboard No

Packaging without single use plastic Yes

[EU RoHS Directive](#) Compliant with Exemptions


SCIP Number 53102031-f1ed-4dc4-9aa4-5fd743a372f1

REACH Regulation [REACH Declaration](#)

## Use Again

### Repack and remanufacture

Take-back No

WEEE Label  The product must be disposed on European Union markets following specific waste collection and never end up in rubbish bins