



### Main

Range	Acti 9
Product name	Acti 9 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
Neutral position	Left
Network type	AC
Network type	6000 A Icn at 220...240 V AC 50 Hz conforming to EN/IEC 61009-2-1
Trip unit technology	Thermal-magnetic
Curve code	C
Earth-leakage protection time delay	Instantaneous
Earth-leakage protection class	Type AC
Suitability for isolation	Yes conforming to EN/IEC 60947-2

### Complementary

Device location in system	Outgoer
Network frequency	50 Hz
Network frequency	400 V AC 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
Network type	6000 A 100 % x Icn at 220...240 V AC 50 Hz conforming to EN/IEC 61009-2-1
Electrical symbol	Idm 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
Contact position indicator	Yes

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

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
Colour	White
Locking options description	Padlocking device
Connections - terminals	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
Location of connection	15 mm for top or bottom connection
Location of connection	2 N.m top or bottom
Earth-leakage protection	Integrated

## Environment

Standards	EN/IEC 61009-2-1
Product certifications	VDE GOST
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

## Packing Units

Unit Type of Package 1	PCE
Number of Units in Package 1	1
Package 1 Weight	209 g
Package 1 Height	4 cm
Package 1 width	8 cm
Package 1 Length	10 cm
Unit Type of Package 2	BB1
Number of Units in Package 2	6
Package 2 Weight	1.327 kg
Package 2 Height	9 cm
Package 2 width	10.6 cm
Package 2 Length	25.5 cm
Unit Type of Package 3	S03
Number of Units in Package 3	54
Package 3 Weight	12.282 kg
Package 3 Height	30 cm
Package 3 width	30 cm
Package 3 Length	40 cm

## Offer Sustainability

Sustainable offer status	Green Premium product
REACH Regulation	<a href="#">REACH Declaration</a>
EU RoHS Directive	Compliant <a href="#">EU RoHS Declaration</a>
Mercury free	Yes
RoHS exemption information	<a href="#">Yes</a>
China RoHS Regulation	<a href="#">China RoHS declaration</a>

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

### Contractual warranty

Warranty

18 months

### A9D31616 is replaced by:



#### Residual Current Breaker with Overcurrent protection (RCBO) A9DE3616

residual current breaker with overcurrent protection (RCBO), Acti9 iCV40, 1P+N, 16 A, C Curve, 6000 A, 30 mA, AC type

Qty 1

Reason for Substitution: End of life | Substitution date: 31 December 2020