



### Main

Range	Acti 9
Product name	Acti 9 iDPN N 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	16 A
Network type	AC
Trip unit technology	Thermal-magnetic
Curve code	B
Earth-leakage sensitivity	30 mA
Earth-leakage protection time delay	Instantaneous
Earth-leakage protection class	Type AC
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

Device location in system	Outgoer
Network frequency	50 Hz
[Ue] rated operational voltage	220...240 V AC 50 Hz
Magnetic tripping limit	3...5 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	Idm 6000 A at 220...240 V AC 50 Hz conforming to EN/IEC 61009-2-1

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

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
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
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 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
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 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
Relative humidity	95 % at 55 °C
Ambient air temperature for operation	-5...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 Weight	210 g
Package 1 Height	4 cm
Package 1 width	8.5 cm
Package 1 Length	10 cm
Unit Type of Package 2	BB1
Number of Units in Package 2	6
Package 2 Weight	1.326 kg
Package 2 Height	9 cm
Package 2 width	10.7 cm
Package 2 Length	25.5 cm
Unit Type of Package 3	S03

Number of Units in Package 3	54
Package 3 Weight	12.269 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	Yes
China RoHS Regulation	<a href="#">China RoHS declaration</a> Product out of China RoHS scope. Substance declaration for your information
Environmental Disclosure	<a href="#">Product Environmental Profile</a>
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
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### A9D55616 is replaced by:



#### Residual Current Breaker with Overcurrent protection (RCBO) A9DH3616

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

Qty 1

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