

# A9D32613

Residual current breaker with overcurrent protection (RCBO), Acti9 iDPN N Vigî, 1P+N, 13A, C curve, 6000A, A type, 30mA



## Main

Range	Acti9
Product name	Acti9 iDPN N Vigî
Product or Component Type	Residual current breaker with overcurrent protection (RCBO)
Device short name	iDPN N Vigî
Device Application	Distribution
Poles description	1P + N
Number of protected poles	1
Neutral position	Left
Line Rated Current	13 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 A
Breaking capacity	6000 A Icn 230...240 V AC 50 Hz EN/IEC 61009-2-1
Suitability for isolation	Yes EN/IEC 60947-2

## Complementary

Complementary	Outgoer
Network Frequency	50 Hz
[Ue] rated operational voltage	230...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 230...240 V AC 50 Hz EN/IEC 61009-2-1
Rated breaking and making capacity	Idm 6000 A 230...240 V AC 50 Hz EN/IEC 61009-2-1
Limitation class	3 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
Connection pitch	0.35 in (9 mm) between phase and neutral
9 mm pitches	4
Height	3.35 in (85 mm)
Width	1.42 in (36 mm)
Depth	2.87 in (73 mm)
Net Weight	4.41 oz (125 g)
Color	White
Mechanical durability	20000 cycles

Electrical durability	20000 cycles
Locking options description	Padlocking device
Connections - terminals	Single terminal top or bottom 0.00...0.02 in <sup>2</sup> (1...16 mm <sup>2</sup> ) rigid Single terminal top or bottom 0.00...0.02 in <sup>2</sup> (1...10 mm <sup>2</sup> ) flexible Single terminal top or bottom 0.00...0.02 in <sup>2</sup> (1...10 mm <sup>2</sup> ) flexible with ferrule
Wire stripping length	0.59 in (15 mm) for top or bottom connection
Tightening torque	17.70 lbf.in (2 N.m) top or bottom
Earth-leakage protection	Integrated

## Environment

Standards	EN/IEC 61009-2-1
Product certifications	VDE[RETURN]KEMA
IP degree of protection	IP20 conforming to IEC 60529 IP40 (modular enclosure) conforming to IEC 60529
Pollution degree	3
Overvoltage category	III IEC 60364
Electromagnetic compatibility	8/20 µs impulse withstand, 250 A EN/IEC 61009-2-1
Tropicalisation	2 IEC 60068-1
Relative humidity	95 % 131 °F (55 °C)
Ambient air temperature for operation	-13...140 °F (-25...60 °C)
Ambient Air Temperature for Storage	-40...185 °F (-40...85 °C)




## Ordering and shipping details


Category	US10DE200908
Discount Schedule	0DE2
GTIN	3606480472060
Returnability	No
Country of origin	ES

## Packing Units

Unit Type of Package 1	PCE
Number of Units in Package 1	1
Package 1 Height	3.15 in (8.000 cm)
Package 1 Width	1.57 in (4.000 cm)
Package 1 Length	3.94 in (10.000 cm)
Package 1 Weight	7.76 oz (220.000 g)
Unit Type of Package 2	BB1
Number of Units in Package 2	6
Package 2 Height	3.54 in (9.000 cm)
Package 2 Width	4.33 in (11.000 cm)
Package 2 Length	10.04 in (25.500 cm)
Package 2 Weight	3.06 lb(US) (1.390 kg)
Unit Type of Package 3	S03
Number of Units in Package 3	54
Package 3 Height	11.81 in (30.000 cm)
Package 3 Width	11.81 in (30.000 cm)
Package 3 Length	15.75 in (40.000 cm)
Package 3 Weight	28.33 lb(US) (12.848 kg)

## Offer Sustainability

REACH Regulation	 <a href="#">REACH Declaration</a>
EU RoHS Directive	Compliant with Exemptions
Mercury free	Yes
China RoHS Regulation	 <a href="#">China RoHS Declaration</a>
RoHS exemption information	 Yes

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.
Halogen content performance	Halogen free plastic parts product
<b>Contractual warranty</b>	
Warranty	18 months