

# Product datasheet

Specifications



## Acti 9 xID residual circuit breaker - 25 A - 4P - 100mA class AC instantaneous

A9N16253

### Main

Range	Acti9
Product name	Acti9 xID
Product or component type	Residual current circuit breaker (RCCB)
Device short name	xID
Poles description	4P
Neutral position	Left
[In] rated current	25 A
Network type	AC
Earth-leakage sensitivity	100 mA
Earth-leakage protection time delay	Instantaneous
Earth-leakage protection class	Type AC
Rated breaking and making capacity	500 A conforming to EN/IEC 61008-1
Suitability for isolation	Yes

### Complementary

Network frequency	50 Hz
[Ue] rated operational voltage	400...415 V AC 50 Hz
[Ui] rated insulation voltage	500 V AC 50 Hz
[Uimp] rated impulse withstand voltage	6 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	Downside: biconnect
Connection pitch	18 mm between phases
9 mm pitches	8

Height	81 mm
Width	72 mm
Depth	75 mm
Net weight	370 g
Colour	White
Mechanical durability	4000 cycles
Electrical durability	4000 cycles
Locking options description	Padlocking device
Connections - terminals	Tunnel type terminals (top or bottom) 1...35 mm <sup>2</sup> rigid Tunnel type terminals (top or bottom) 1...25 mm <sup>2</sup> flexible
Wire stripping length	15 mm for top or bottom connection
Tightening torque	3.5 N.m top or bottom

## Environment

Standards	EN/IEC 61008-1 EN 61008-2-1 IEC 61008-2-1
Product certifications	ISI
IP degree of protection	IP20
Pollution degree	2
Tropicalisation	2 conforming to IEC 60068-1
Relative humidity	95 % at 55 °C
Ambient air temperature for operation	-5...40 °C
Ambient air temperature for storage	-40...60 °C

## Packing Units

Unit Type of Package 1	Db
Number of Units in Package 1	1
Package 1 Height	8 cm
Package 1 Width	8 cm
Package 1 Length	9 cm
Package 1 Weight	0.391 kg
Unit Type of Package 2	Doboz
Number of Units in Package 2	27
Package 2 Height	30 cm
Package 2 Width	30 cm
Package 2 Length	40 cm
Package 2 Weight	14.076 kg

## 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

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**RoHS exemption information**      [Yes](#)

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**China RoHS Regulation**      [China RoHS declaration](#)  
Product out of China RoHS scope. Substance declaration for your information

**Recommended replacement(s)**