

Product datasheet

Specifications



Acti 9 xID residual circuit breaker - 40 A - 2P - 300mA class AC instantaneous

A9N16206

Main

Range	Acti9
Product name	Acti9 xID
Product or component type	Residual current circuit breaker (RCCB)
Device short name	xID
Poles description	2P
Neutral position	Left
[In] rated current	40 A
Network type	AC
Earth-leakage sensitivity	300 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	230...240 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	4
Height	81 mm
width	36 mm
Depth	75 mm
Net weight	210 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 ² rigid Tunnel type terminals (top or bottom) 1...25 mm ² flexible
Wire stripping length	14 mm for top or bottom connection
Tightening torque	3.5 N.m top or bottom

Environment

Standards	IEC 61008-2-1 EN 61008-2-1 EN/IEC 61008-1
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...85 °C

Packing Units

Unit Type of Package 1	PCE
Number of Units in Package 1	1
Package 1 Height	4.2 cm
Package 1 Width	9.2 cm
Package 1 Length	9.2 cm
Package 1 Weight	200 g
Unit Type of Package 2	S03
Number of Units in Package 2	54
Package 2 Height	30 cm
Package 2 Width	30 cm
Package 2 Length	40 cm
Package 2 Weight	15.696 kg

Contractual warranty

Warranty	18 months
-----------------	-----------

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.

[How this information helps you >](#)

Environmental footprint

Carbon footprint (kg.eq.CO2 per CR, Total Life cycle)	45
-------------------------------------------------------	----

Environmental Disclosure

[Product Environmental Profile](#)

Use Better

Materials and Substances

Packaging made with recycled cardboard	Yes
----------------------------------------	-----

Packaging without single use plastic	Yes
--------------------------------------	-----

EU RoHS Directive	Compliant
-----------------------------------	-----------

REACH Regulation	REACH Declaration
------------------	-----------------------------------

China RoHS Regulation	China RoHS declaration
-----------------------	----------------------------------------

Use Again

Repack and remanufacture

Circularity Profile	No need of specific recycling operations
---------------------	------------------------------------------

Take-back	No
-----------	----