

# Product data sheet

Specifications



## Acti9 iID - RCCB - 4P - 40A - 100mA - type AC

A9R12440

### Main

Range	Acti9
Product name	Acti9 iID
Product or component type	Residual current circuit breaker (RCCB)
Device short name	iID
Poles description	4P
Neutral position	Left
[In] rated current	40 A
Network type	AC
Earth-leakage sensitivity	100 mA
Earth-leakage protection time delay	Instantaneous
Earth-leakage protection class	Type AC

### Complementary

Device location in system	Outgoer
Network frequency	50/60 Hz
[Ue] rated operational voltage	380...415 V AC 50/60 Hz
Residual current tripping technology	Voltage independent
Rated breaking and making capacity	Idm 1500 A Im 1500 A
Rated conditional short-circuit current	10 kA
[Ui] rated insulation voltage	500 V AC 50/60 Hz
[Uimp] rated impulse withstand voltage	6 kV
Contact position indicator	Yes
Control type	Toggle
Mounting mode	Clip-on
Mounting support	DIN rail
9 mm pitches	8

Height	91 mm
Width	72 mm
Depth	73.5 mm
Net weight	0.37 kg
Colour	White
Mechanical durability	20000 cycles
Electrical durability	AC-1: 15000 cycles
Locking options description	Padlocking device
Connections - terminals	Single terminal top or bottom 1...35 mm <sup>2</sup> rigid Single terminal top or bottom 1...25 mm <sup>2</sup> flexible Single terminal top or bottom 1...25 mm <sup>2</sup> flexible with ferrule
Wire stripping length	14 mm for top or bottom connection
Tightening torque	3.5 N.m top or bottom

## Environment

Standards	EN/IEC 61008-1
Product certifications	EAC
IP degree of protection	IP20 conforming to IEC 60529 IP40 (modular enclosure) conforming to IEC 60529
Pollution degree	3
Electromagnetic compatibility	8/20 μs impulse withstand, 250 A conforming to EN/IEC 61008-1
Ambient air temperature for operation	-5...60 °C
Ambient air temperature for storage	-40...85 °C

## Packing Units

Unit Type of Package 1	PCE
Package 1 Length	10.1 cm
Number of Units in Package 1	1
Package 3 Width	30.0 cm
Package 3 Weight	10.264 kg
Package 2 Width	80.0 cm
Package 2 Height	45.0 cm
Package 2 Weight	93.008 kg
Number of Units in Package 3	27
Unit Type of Package 3	S03
Package 3 Height	30.0 cm
Package 3 Length	40.0 cm
Package 1 Width	7.6 cm
Package 1 Height	8.3 cm
Package 1 Weight	363.0 g
Number of Units in Package 2	216
Unit Type of Package 2	P12
Package 2 Length	120.0 cm

## Offer Sustainability

<b>Sustainable offer status</b>	Green Premium product
<b>REACH Regulation</b>	<a href="#">REACH Declaration</a>
<b>EU RoHS Directive</b>	Compliant <a href="#">EU RoHS Declaration</a>
<b>Mercury free</b>	Yes
<b>RoHS exemption information</b>	Yes
<b>China RoHS Regulation</b>	<a href="#">China RoHS declaration</a> Product out of China RoHS scope. Substance declaration for your information
<b>Environmental Disclosure</b>	<a href="#">Product Environmental Profile</a>
<b>WEEE</b>	The product must be disposed on European Union markets following specific waste collection and never end up in rubbish bins
<b>Halogen content performance</b>	Halogen free plastic parts product

## Contractual warranty

<b>Warranty</b>	18 months
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