

## Product data sheet

### Characteristics

# A9R21240

Acti 9 IID - RCCB - 2P - 40A - 30mA - type A



### Main

Range	Acti 9
Product name	Acti9 IID
Product or component type	Residual current circuit breaker (RCCB)
Device short name	IID
Poles description	2P
Neutral position	Left
[In] rated current	40 A
Network type	AC
Earth-leakage sensitivity	30 mA
Earth-leakage protection time delay	Instantaneous
Earth-leakage protection class	Type A

### Complementary

Device location in system	Outgoer
Network frequency	50/60 Hz
[Ue] rated operational voltage	220...240 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
Surge current	250 A
Contact position indicator	Yes
Control type	Toggle
Mounting mode	Clip-on
Mounting support	DIN rail
9 mm pitches	4
Height	91 mm
Width	36 mm
Depth	73.5 mm
Net weight	0.21 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

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## Environment

Standards	EN/IEC 61008-1
IP degree of protection	IP20 conforming to IEC 60529 IP40 (modular enclosure) conforming to IEC 60529
Pollution degree	3
Electromagnetic compatibility	8/20 $\mu$ s impulse withstand, 250 A conforming to EN/IEC 61008-1
Ambient air temperature for operation	-25...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	220 g
Package 1 Height	4.1 cm
Package 1 width	8.5 cm
Package 1 Length	10 cm
Unit Type of Package 2	S03
Number of Units in Package 2	54
Package 2 Weight	12.829 kg
Package 2 Height	30 cm
Package 2 width	30 cm
Package 2 Length	40 cm
Unit Type of Package 3	BB1
Number of Units in Package 3	6
Package 3 Weight	1.356 kg
Package 3 Height	11 cm
Package 3 width	9 cm
Package 3 Length	26 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	 <a href="#">Yes</a>
China RoHS Regulation	 <a href="#">China RoHS Declaration</a>
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

## Contractual warranty

Warranty	12 months
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