

# Product data sheet

Specifications



## Acti9 iID - RCCB - 2P - 40A - 30mA - type A

A9Z21240

### 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

Network frequency	50/60 Hz
[Ue] rated operational voltage	220...240 V AC 50/60 Hz
Rated breaking and making capacity	I <sub>dm</sub> 1500 A I <sub>m</sub> 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	4
Height	91 mm
Width	36 mm
Depth	73 mm

<b>Net weight</b>	0.21 kg
<b>Colour</b>	White
<b>Mechanical durability</b>	20000 cycles
<b>Electrical durability</b>	AC-1: 15000 cycles
<b>Locking options description</b>	Padlocking device
<b>Connections - terminals</b>	Double terminal front 1...35 mm <sup>2</sup> rigid Double terminal front 1...25 mm <sup>2</sup> flexible Double terminal front 1...25 mm <sup>2</sup> flexible with ferrule Double terminal back 1...25 mm <sup>2</sup> rigid Double terminal back 1...16 mm <sup>2</sup> flexible Double terminal back 1...16 mm <sup>2</sup> flexible with ferrule
<b>Wire stripping length</b>	14 mm for top or bottom connection
<b>Tightening torque</b>	3.5 N.m top or bottom

## Environment

<b>Standards</b>	EN/IEC 61008-1
<b>IP degree of protection</b>	IP20 conforming to IEC 60529 IP40 (modular enclosure) conforming to IEC 60529
<b>Pollution degree</b>	3
<b>Electromagnetic compatibility</b>	8/20 µs impulse withstand, 250 A conforming to EN/IEC 61008-1
<b>Ambient air temperature for operation</b>	-25...60 °C
<b>Ambient air temperature for storage</b>	-40...85 °C

## Packing Units

<b>Unit Type of Package 1</b>	PCE
<b>Number of Units in Package 1</b>	1
<b>Package 1 Weight</b>	222.0 g
<b>Package 1 Height</b>	4.0 cm
<b>Package 1 width</b>	8.0 cm
<b>Package 1 Length</b>	9.7 cm
<b>Unit Type of Package 2</b>	S03
<b>Number of Units in Package 2</b>	54
<b>Package 2 Weight</b>	13.061 kg
<b>Package 2 Height</b>	30.0 cm
<b>Package 2 width</b>	30.0 cm
<b>Package 2 Length</b>	40.0 cm
<b>Unit Type of Package 3</b>	BB1
<b>Number of Units in Package 3</b>	6
<b>Package 3 Weight</b>	1.396 kg
<b>Package 3 Height</b>	9.0 cm
<b>Package 3 width</b>	10.5 cm
<b>Package 3 Length</b>	25.5 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>	<a href="#">Yes</a>
<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
<b>Contractual warranty</b>	
<b>Warranty</b>	18 months