

# Product data sheet

Specifications



residual current circuit breaker ID Fi  
- 4 poles - 125 A - class AC 300mA

16907

## Main

Range	Acti 9
Product name	Acti9 RCCB-ID
Product or component type	Residual current circuit breaker (RCCB)
Device short name	RCCB-ID
Poles description	4P
Neutral position	Left
[In] rated current	125 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	$I_m = 1250 \text{ A } 400 \text{ V}$ conforming to IEC 61008
Rated conditional short-circuit current	$I_{nc} 10 \text{ kA } 125 \text{ A}$

## Complementary

Device location in system	Outgoer
Network frequency	50/60 Hz
[Ue] rated operational voltage	400 V AC 50 Hz conforming to IEC 61008
Residual current tripping technology	Electromechanical
[Ui] rated insulation voltage	440 V AC 50 Hz conforming to IEC 61008-1
[Uimp] rated impulse withstand voltage	4 kV conforming to IEC 61008-1
Control type	Toggle
Mounting mode	Fixed
Mounting support	35 mm symmetrical DIN rail
9 mm pitches	8
Height	86 mm

<b>Width</b>	72 mm
<b>Depth</b>	76 mm
<b>Net weight</b>	420 g
<b>Colour</b>	Grey
<b>Mechanical durability</b>	5000 cycles
<b>Electrical durability</b>	2000 cycles
<b>Provision for padlocking</b>	Padlockable
<b>Connections - terminals</b>	Tunnel type terminals2 cable(s) 1.5...16 mm <sup>2</sup> flexible Tunnel type terminals2 cable(s) 1.5...16 mm <sup>2</sup> rigid Tunnel type terminals1 cable(s) 1.5...50 mm <sup>2</sup> rigid Tunnel type terminals1 cable(s) 1.5...35 mm <sup>2</sup> flexible Tunnel type terminals1 cable(s) 1.5...35 mm <sup>2</sup> flexible with ferrule Tunnel type terminals2 cable(s) 1.5...16 mm <sup>2</sup> flexible with ferrule
<b>Wire stripping length</b>	11 mm
<b>Tightening torque</b>	3 N.m

## Environment

<b>Standards</b>	IEC 60947-3 IEC 60947-1 IEC 61008
<b>IP degree of protection</b>	IP20 conforming to IEC 60529 IP40 (modular enclosure) conforming to IEC 60529
<b>Pollution degree</b>	3
<b>Tropicalisation</b>	2 conforming to IEC 61008
<b>Relative humidity</b>	95 % at 55 °C
<b>Operating altitude</b>	2000 m
<b>Ambient air temperature for operation</b>	-25...40 °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>	418 g
<b>Package 1 Height</b>	7.2 cm
<b>Package 1 width</b>	7.8 cm
<b>Package 1 Length</b>	9.8 cm
<b>Unit Type of Package 2</b>	S02
<b>Number of Units in Package 2</b>	12
<b>Package 2 Weight</b>	5.471 kg
<b>Package 2 Height</b>	15 cm
<b>Package 2 width</b>	30 cm
<b>Package 2 Length</b>	40 cm

## Offer Sustainability

<b>REACH Regulation</b>	<a href="#">REACH Declaration</a>
<b>EU RoHS Directive</b>	Compliant <a href="#">EU RoHS Declaration</a>

<b>Toxic heavy metal free</b>	Yes
<b>Mercury free</b>	Yes
<b>RoHS exemption information</b>	Yes
<b>China RoHS Regulation</b>	<a href="#">China RoHS declaration</a> Pro-active China RoHS declaration (out of China RoHS legal scope)
<b>WEEE</b>	The product must be disposed on European Union markets following specific waste collection and never end up in rubbish bins

## **Contractual warranty**

<b>Warranty</b>	18 months
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