

# Product datasheet

Specifications



## residual current circuit breaker ID Fi - 4 poles - 125 A - class AC 100mA

16906

### Main

Range	Acti9
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	100 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
Connection Pitch	18 mm between phases
9 Mm Pitches	8
Height	86 mm
Width	72 mm
Depth	76 mm
Net Weight	420 g

Excluding VAT, FCA Jabal Ali & are subject to change – check with your local distributor.

<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 61008 IEC 60947-1 IEC 60947-3
<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 Height</b>	8.000 cm
<b>Package 1 Width</b>	7.700 cm
<b>Package 1 Length</b>	9.100 cm
<b>Package 1 Weight</b>	448.000 g
<b>Unit Type Of Package 2</b>	S02
<b>Number Of Units In Package 2</b>	12
<b>Package 2 Height</b>	15.000 cm
<b>Package 2 Width</b>	30.000 cm
<b>Package 2 Length</b>	40.000 cm
<b>Package 2 Weight</b>	5.759 kg

## Contractual warranty

<b>Warranty</b>	18 months
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## Sustainability

**Green Premium™ label** is Schneider Electric's commitment to delivering products with best-in-class environmental performance. Green Premium promises compliance with the latest regulations, transparency on environmental impacts, as well as circular and low-CO<sub>2</sub> products.

**Guide to assessing product sustainability** is a white paper that clarifies global eco-label standards and how to interpret environmental declarations.

[Learn more about Green Premium >](#)

[Guide to assess a product's sustainability >](#)

## Well-being performance

✓ Toxic Heavy Metal Free

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✓ Mercury Free

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✓ Rohs Exemption Information [Yes](#)

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**Reach Regulation** [REACH Declaration](#)

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**Eu Rohs Directive** Compliant  
[EU RoHS Declaration](#)

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**China Rohs Regulation** [China RoHS declaration](#)  
Pro-active China RoHS declaration (out of China RoHS legal scope)

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**Weee** The product must be disposed on European Union markets following specific waste collection and never end up in rubbish bins

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

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