

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	Im = 1250 A 400 V conforming to IEC 61008
Rated Conditional Short-Circuit Current	Inc 10 kA 125 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

Disclaimer: This documentation is not intended as a substitute for and is not to be used for determining suitability or reliability of these products for specific user applications

Colour	Grey
Mechanical Durability	5000 cycles
Electrical Durability	2000 cycles
Provision For Padlocking	Padlockable
Connections - Terminals	Tunnel type terminals2 cable(s) 1.5...16 mm² flexible Tunnel type terminals2 cable(s) 1.5...16 mm² rigid Tunnel type terminals1 cable(s) 1.5...50 mm² rigid Tunnel type terminals1 cable(s) 1.5...35 mm² flexible Tunnel type terminals1 cable(s) 1.5...35 mm² flexible with ferrule Tunnel type terminals2 cable(s) 1.5...16 mm² flexible with ferrule
Wire Stripping Length	11 mm
Tightening Torque	3 N.m

Environment

Standards	IEC 61008 IEC 60947-1 IEC 60947-3
Ip Degree Of Protection	IP20 conforming to IEC 60529 IP40 (modular enclosure) conforming to IEC 60529
Pollution Degree	3
Tropicalisation	2 conforming to IEC 61008
Relative Humidity	95 % at 55 °C
Operating Altitude	2000 m
Ambient Air Temperature For Operation	-25...40 °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 Height	8.000 cm
Package 1 Width	7.700 cm
Package 1 Length	9.100 cm
Package 1 Weight	448.000 g
Unit Type Of Package 2	S02
Number Of Units In Package 2	12
Package 2 Height	15.000 cm
Package 2 Width	30.000 cm
Package 2 Length	40.000 cm
Package 2 Weight	5.759 kg

Contractual warranty

Warranty	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-CO₂ products.

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

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

Well-being performance

	Toxic Heavy Metal Free	
	Mercury Free	
	Rohs Exemption Information	Yes
Reach Regulation	REACH Declaration	
Eu Rohs Directive	Compliant	EU RoHS Declaration
China Rohs Regulation	China RoHS declaration Pro-active China RoHS declaration (out of China RoHS legal scope)	
Weee	The product must be disposed on European Union markets following specific waste collection and never end up in rubbish bins	
Circularity Profile	No need of specific recycling operations	