Product datasheet

Specifications



Discontinued

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

16906

Discontinued on: 17 Jan 2025

EAN Code: 3303430169062

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 cm
Package 1 Width	7.7 cm
Package 1 Length	9.1 cm
Package 1 Weight	448 g
Unit Type of Package 2	S02
Number of Units in Package 2	12
Package 2 Height	15 cm
Package 2 Width	30 cm
Package 2 Length	40 cm
Package 2 Weight	5.759 kg

Logistical informations

Country of origin	DE

Contractual warranty

Warranty (in months)	18

Environmental Data

Schneider Electric aims to achieve Net Zero status by 2050 through supply chain partnerships, lower impact materials, and circularity via our ongoing “Use Better, Use Longer, Use Again” campaign to extend product lifetimes and recyclability.

Environmental Data explained >

How we assess product sustainability >

Use Better

Materials and Substances

Packaging made with recycled cardboard	**No**
Packaging without single use plastic	**Yes**
SCIP Number	**A7b24ae6-2312-4e67-b7c9-56fce3e8c723**
EU RoHS Directive	**Compliant By Exemption**
REACh Regulation	**Reference contains Substances of Very High Concern above the threshold**

Use Again

Repack and remanufacture

End of life manual availability	**No need of specific recycling operations**
Take-back	**No**
WEEE Label	**The product must be disposed on European Union markets following specific waste collection and never end up in rubbish bins**