

Product data sheet

Specifications



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

16901

! Discontinued on: 01 April 2019

! Discontinued

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	100 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 100 A

Complementary

Device location in system	Outgoer
Network frequency	50/60 Hz
[Ue] rated operational voltage	230/240 V AC 50/60 Hz conforming to IEC 61008
Residual current tripping technology	Electromechanical
[Ui] rated insulation voltage	440 V AC 50/60 Hz conforming to IEC 60947-3
[Uimp] rated impulse withstand voltage	6 kV conforming to IEC 60947-3
Control type	Toggle
Mounting mode	Fixed
Mounting support	35 mm symmetrical DIN rail
Connection pitch	18 mm between phases

9 mm pitches	8
Height	81 mm
Width	72 mm
Depth	75 mm
Net weight	0.42 kg
Colour	Grey
Mechanical durability	20000 cycles
Provision for padlocking	Padlockable
Connections - terminals	Tunnel type terminals1...35 mm ² flexible Tunnel type terminals1...50 mm ² rigid
Wire stripping length	15 mm
Tightening torque	3.5 N.m

Environment

Standards	IEC 60947-1 IEC 61008 IEC 60947-3
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...60 °C

Packing Units

Unit Type of Package 1	PCE
Number of Units in Package 1	1
Package 1 Height	7.5 cm
Package 1 Width	9 cm
Package 1 Length	8 cm
Package 1 Weight	0.446 kg

Contractual warranty

Warranty	18 months
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Recommended replacement(s)