

# Product data sheet

Specifications



## residual current circuit breaker ID - 4 poles - 80 A - class B 300 mA

16761

! Discontinued on: 19 April 2021

! 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	80 A
Network type	AC
Earth-leakage sensitivity	300 mA
Earth-leakage protection time delay	Instantaneous
Earth-leakage protection class	Type B
Rated breaking and making capacity	$I_m = 800$ A conforming to IEC 61008
Rated conditional short-circuit current	$I_{nc} 10$ kA 80 A

### Complementary

Device location in system	Outgoer
Network frequency	50/60 Hz
[Ue] rated operational voltage	230/400 V
[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
Connection pitch	18 mm between phases
9 mm pitches	8
Height	86 mm
Width	72 mm
Depth	76 mm
Net weight	450 g

Colour	Grey
Mechanical durability	5000 cycles
Electrical durability	2000 cycles
Connections - terminals	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
Wire stripping length	11 mm
Tightening torque	3 N.m

## Environment

Standards	IEC 61008 VDE 0664 EN 61008
IP degree of protection	IP20 conforming to IEC 60529 IP40 (modular enclosure) conforming to IEC 60529
Tropicalisation	2
Relative humidity	95 % at 55 °C
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	7.5 cm
Package 1 Length	9 cm
Package 1 Weight	492 g

## Offer Sustainability

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

## Contractual warranty

Warranty	18 months
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## Recommended replacement(s)

16761 is replaced by:

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1x



Residual current circuit breaker (RCCB), Acti9 iID, 4P, 80A, B-SI type, 300mA, double terminal

A9Z64480

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