

# Product datasheet

Specifications



## Residual current circuit breaker (RCCB), Acti9 iID K, 4P, 40A, AC type, 30mA

A9R50440

### Main

Range	Acti9
Product name	Acti9 iID K
Product or component type	Residual current circuit breaker (RCCB)
Device short name	iID K
Poles description	4P
Neutral position	Left
[In] rated current	40 A
Network type	AC
Earth-leakage sensitivity	30 mA
Earth-leakage protection time delay	Instantaneous
Earth-leakage protection class	Type AC
Quality labels	VDE

### Complementary

Device location in system	Outgoer
Network frequency	50/60 Hz
[Ue] rated operational voltage	380...415 V AC 50/60 Hz
Residual current tripping technology	Voltage independent
Rated breaking and making capacity	I <sub>dm</sub> 500 A I <sub>m</sub> 500 A
Rated conditional short-circuit current	GL63: Inc 4.5 kA K60: Inc 6 kA C60: Inc 6 kA
[Ui] rated insulation voltage	440 V AC 50/60 Hz
[Uimp] rated impulse withstand voltage	4 kV
Surge current	250 A
Contact position indicator	No
Control type	Toggle
Mounting mode	Clip-on
Mounting support	DIN rail
9 mm pitches	8
Height	85 mm

<b>Width</b>	72 mm
<b>Depth</b>	69 mm
<b>Net weight</b>	0.37 kg
<b>Colour</b>	White
<b>Mechanical durability</b>	5000 cycles
<b>Electrical durability</b>	AC-1: 2000 cycles
<b>Locking options description</b>	Padlocking device
<b>Connections - terminals</b>	Tunnel type terminals top or bottom 1...35 mm <sup>2</sup> rigid Tunnel type terminals top or bottom 1...25 mm <sup>2</sup> flexible Tunnel type terminals top or bottom 1...25 mm <sup>2</sup> flexible with ferrule
<b>Wire stripping length</b>	16 mm for top or bottom connection
<b>Tightening torque</b>	3.5 N.m top or bottom

## Environment

<b>Standards</b>	EN/IEC 61008-1 EN/IEC 61008-2-1
<b>IP degree of protection</b>	IP20 conforming to IEC 60529 IP40 (modular enclosure) conforming to IEC 60529
<b>Pollution degree</b>	2
<b>Electromagnetic compatibility</b>	8/20 µs impulse withstand, 200 A conforming to EN/IEC 61008-1
<b>Ambient air temperature for operation</b>	-5...60 °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>	8.500 cm
<b>Package 1 Width</b>	7.500 cm
<b>Package 1 Length</b>	10.000 cm
<b>Package 1 Weight</b>	361.000 g
<b>Unit Type of Package 2</b>	S03
<b>Number of Units in Package 2</b>	27
<b>Package 2 Height</b>	30.000 cm
<b>Package 2 Width</b>	30.000 cm
<b>Package 2 Length</b>	40.000 cm
<b>Package 2 Weight</b>	10.262 kg
<b>Unit Type of Package 3</b>	P12
<b>Number of Units in Package 3</b>	216
<b>Package 3 Height</b>	45.000 cm
<b>Package 3 Width</b>	80.000 cm
<b>Package 3 Length</b>	120.000 cm
<b>Package 3 Weight</b>	93.872 kg

# Contractual warranty

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Warranty

18 months

## 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](#) >

### Environmental footprint

Carbon footprint (kg.eq.CO2 per CR, Total Life cycle)	65
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Environmental Disclosure	<a href="#">Product Environmental Profile</a>
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## Use Better

### Materials and Substances

Packaging made with recycled cardboard	Yes
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Packaging without single use plastic	No
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<a href="#">EU RoHS Directive</a>	Compliant
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SCIP Number	C95acd0e-e3b4-4bda-b03d-6f10ba692f04
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REACH Regulation	<a href="#">REACH Declaration</a>
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China RoHS Regulation	<a href="#">China RoHS declaration</a>
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## Use Again

### Repack and remanufacture

Circularity Profile	No need of specific recycling operations
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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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Take-back

No

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