

# Product datasheet

Specifications



## Acti 9 ID K - RCCB - 2P - 40A - 300mA - type AC - set of 6

A9KR14240BQ

### Main

Range	Acti9
Product Name	Acti9 ID K
Product Or Component Type	Residual current circuit breaker (RCCB)
Device Short Name	ID K
Poles Description	2P
Neutral Position	Left
[In] Rated Current	40 A
Network Type	AC
Earth-Leakage Sensitivity	300 mA
Earth-Leakage Protection Time Delay	Instantaneous
Earth-Leakage Protection Class	Type AC

### Complementary

Device Location In System	Group incomer
Network Frequency	50 Hz
[Ue] Rated Operational Voltage	220...240 V AC 50 Hz
Residual Current Tripping Technology	Voltage independent
Rated Breaking And Making Capacity	Idm 500 A Im 500 A
Rated Conditional Short-Circuit Current	GL63: Inc 4.5 kA K60: Inc 6 kA
[Ui] Rated Insulation Voltage	440 V AC 50 Hz
[Uimp] Rated Impulse Withstand Voltage	4 kV
Contact Position Indicator	No
Control Type	Toggle
Mounting Mode	Clip-on
Mounting Support	DIN rail
9 Mm Pitches	4
Height	81 mm
Width	36 mm
Depth	68 mm
Net Weight	0.18 kg

<b>Quantity Per Set</b>	Set of 6
<b>Colour</b>	White
<b>Mechanical Durability</b>	5000 cycles
<b>Electrical Durability</b>	AC-1: 4000 cycles
<b>Connections - Terminals</b>	Biconnect top or bottom 1...35 mm <sup>2</sup> rigid Biconnect top or bottom 1...25 mm <sup>2</sup> flexible
<b>Wire Stripping Length</b>	14 mm for top or bottom connection
<b>Tightening Torque</b>	3.5 N.m top or bottom

## Environment

<b>Standards</b>	IS 12640-1 EN/IEC 61008-1 EN/IEC 61008-2-1
<b>Product Certifications</b>	ISI
<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>Tropicalisation</b>	2 conforming to IEC 60068-1
<b>Relative Humidity</b>	95 % at 55 °C
<b>Ambient Air Temperature For Operation</b>	-5...55 °C
<b>Ambient Air Temperature For Storage</b>	-25...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>	8.0 cm
<b>Package 1 Width</b>	4.0 cm
<b>Package 1 Length</b>	9.0 cm
<b>Package 1 Weight</b>	1.41 kg

## 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-CO<sub>2</sub> products.

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

[Learn more about Green Premium >](#)

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



RoHS/REACH

## Well-being performance

Reach Free Of Svhc

Rohs Exemption Information Yes

## Certifications & Standards

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)

Circularity Profile

No need of specific recycling operations