

Product datasheet

Specifications



Acti 9 ID K - RCCB - 2P - 40A - 100mA - type AC - set of 6

A9KR12240BQ

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	100 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

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

Quantity Per Set	Set of 6
Colour	White
Mechanical Durability	5000 cycles
Electrical Durability	AC-1: 4000 cycles
Connections - Terminals	Biconnect top or bottom 1...35 mm² rigid Biconnect top or bottom 1...25 mm² flexible
Wire Stripping Length	14 mm for top or bottom connection
Tightening Torque	3.5 N.m top or bottom

Environment

Standards	IS 12640-1 EN/IEC 61008-1
Product Certifications	ISI
Ip Degree Of Protection	IP20 conforming to IEC 60529 IP40 (modular enclosure) conforming to IEC 60529
Pollution Degree	2
Electromagnetic Compatibility	8/20 µs impulse withstand, 200 A conforming to EN/IEC 61008-1
Tropicalisation	2 conforming to IEC 60068-1
Relative Humidity	95 % at 55 °C
Ambient Air Temperature For Operation	-5...55 °C
Ambient Air Temperature For Storage	-25...85 °C

Packing Units

Unit Type Of Package 1	PCE
Number Of Units In Package 1	1
Package 1 Height	8.0 cm
Package 1 Width	4.0 cm
Package 1 Length	9.0 cm
Package 1 Weight	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-CO₂ products.

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

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Well-being performance



Mercury Free



Rohs Exemption Information

Yes

Eu Rohs Directive

Compliant with Exemptions

China Rohs Regulation

[China RoHS declaration](#)

Product out of China RoHS scope. Substance declaration for your information

Circularity Profile

No need of specific recycling operations