

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	Idm 500 A Im 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

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

Environment

Standards	EN/IEC 61008-1 EN/IEC 61008-2-1
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
Ambient air temperature for operation	-5...60 °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	8.500 cm
Package 1 Width	7.500 cm
Package 1 Length	10.000 cm
Package 1 Weight	361.000 g
Unit Type of Package 2	S03
Number of Units in Package 2	27
Package 2 Height	30.000 cm
Package 2 Width	30.000 cm
Package 2 Length	40.000 cm
Package 2 Weight	10.262 kg
Unit Type of Package 3	P12
Number of Units in Package 3	216
Package 3 Height	45.000 cm
Package 3 Width	80.000 cm
Package 3 Length	120.000 cm
Package 3 Weight	93.872 kg

Contractual warranty

Warranty

18 months

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



Transparency RoHS/REACH

Well-being performance

Mercury Free

Rohs Exemption Information Yes

Halogen Free Plastic Parts Product

Certifications & Standards

Reach Regulation [REACH Declaration](#)

Eu Rohs Directive Compliant with Exemptions

China Rohs Regulation [China RoHS declaration](#)
Product out of China RoHS scope. Substance declaration for your information

Environmental Disclosure [Product Environmental Profile](#)

Weee The product must be disposed on European Union markets following specific waste collection and never end up in rubbish bins

Circularity Profile No need of specific recycling operations