Product datasheet

Specifications





Acti 9 ID K - RCCB - 4P - 25A - 100mA - type AC - set of 3

A9KR12425BQ

Main

Range	Acti9
Product name	Acti9 ID K
Product or component type	Residual current circuit breaker (RCCB)
Device short name	ID K
poles description	4P
Neutral position	Left
[In] rated current	25 A
Network type	AC
Earth-leakage sensitivity	100 mA
Earth-leakage protection time delay	Instantaneous
Earth-leakage protection class	Type AC

Complementary

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Device location in system	Group incomer
Network frequency	50 Hz
[Ue] rated operational voltage	380415 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	8
Height	81 mm
Width	72 mm
Depth	68 mm
Net weight	0.35 kg

Quantity per set	Set of 3
Colour	White
Mechanical durability	5000 cycles
Electrical durability	AC-1: 4000 cycles
Connections - terminals	Biconnect top or bottom 135 mm² rigid Biconnect top or bottom 125 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 EN/IEC 61008-2-1
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	-555 °C
Ambient air temperature for storage	-2585 °C

Packing Units

Unit Type of Package 1	PCE
Number of Units in Package 1	1
Package 1 Height	10 cm
Package 1 Width	10.2 cm
Package 1 Length	25.8 cm
Package 1 Weight	1.14 kg



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Transparency 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)
Environmental Disclosure	Product Environmental Profile
Circularity Profile	No need of specific recycling operations