Product datasheet
Characteristics

A9KR13240S
Acti 9 ID K - residual current circuit breaker - 2P - 40A - 30mA - type AC

Main

Range	Acti 9
Product name	Acti 9 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	30 mA
Earth-leakage protection time delay	Instantaneous
Earth-leakage protection class	Type AC
Quality labels	SAFETY Mark

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

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

Mounting support	DIN rail
9 mm pitches	4
Height	81 mm
Width	36 mm
Depth	68 mm
Product weight	0.18 kg
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	EN/IEC 61008-1 SS 97:part 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
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

Package 1 Weight	0.150 kg
Package 1 Height	0.920 dm
Package 1 width	0.380 dm
Package 1 Length	0.840 dm

Offer Sustainability

Sustainable offer status	Green Premium product
REACh Regulation	REACh Declaration
EU RoHS Directive	Compliant EU RoHS Declaration
Mercury free	Yes
RoHS exemption information	Yes
China RoHS Regulation	China RoHS declaration Product out of China RoHS scope. Substance declaration for your information
Environmental Disclosure	Product Environmental Profile