

## Product data sheet

### Characteristics

# A9Z01240

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



### Main

Range	Acti 9
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	30 mA
Earth-leakage protection time delay	Instantaneous
Earth-leakage protection class	Type A
Quality labels	VDE

### Complementary

Device location in system	Outgoer
Network frequency	50/60 Hz
[Ue] rated operational voltage	220...240 V AC 50 Hz
Residual current tripping technology	Voltage independent
Rated breaking and making capacity	I <sub>dm</sub> 500 A I <sub>m</sub> 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
Surge current	250 A
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
Colour	White
Mechanical durability	5000 cycles
Electrical durability	AC-1: 2000 cycles
Connections - terminals	Biconnect top or bottom 1...35 mm <sup>2</sup> rigid Biconnect top or bottom 1...25 mm <sup>2</sup> flexible
Wire stripping length	14 mm for top or bottom connection
Tightening torque	3.5 N.m top or bottom

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## Environment

Standards	EN/IEC 61008-1
IP degree of protection	IP20 conforming to IEC 60529 IP40 (modular enclosure) conforming to IEC 60529
Pollution degree	2
Electromagnetic compatibility	8/20 $\mu$ s impulse withstand, 200 A conforming to EN/IEC 61008-1
Ambient air temperature for operation	-25...40 °C
Ambient air temperature for storage	-30...70 °C

## Packing Units

Unit Type of Package 1	PCE
Number of Units in Package 1	1
Package 1 Weight	205.167 g
Package 1 Height	4 cm
Package 1 width	8.5 cm
Package 1 Length	9 cm
Unit Type of Package 2	S03
Number of Units in Package 2	54
Package 2 Weight	11.973 kg
Package 2 Height	30 cm
Package 2 width	30 cm
Package 2 Length	40 cm
Unit Type of Package 3	BB1
Number of Units in Package 3	6
Package 3 Weight	1.285 kg
Package 3 Height	9 cm
Package 3 width	9 cm
Package 3 Length	25.5 cm

## Offer Sustainability

Sustainable offer status	Green Premium product
REACH Regulation	<a href="#">REACH Declaration</a>
EU RoHS Directive	Compliant <a href="#">EU RoHS Declaration</a>
Mercury free	Yes
RoHS exemption information	<a href="#">Yes</a>
China RoHS Regulation	<a href="#">China RoHS Declaration</a>
Environmental Disclosure	<a href="#">Product Environmental Profile</a>
WEEE	The product must be disposed on European Union markets following specific waste collection and never end up in rubbish bins

## Contractual warranty

Warranty	12 months
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