Product datasheet

Specification





Residual current circuit breaker (RCCB), Acti9 iID K, 2P, 40A, AC type, 300mA

A9R75240

Main

Range	Acti9	
Product Name	Acti9 iID K	
Product Or Component Type	Residual current circuit breaker (RCCB)	
Device Short Name	iID K	
Poles Description	2P	
Neutral Position	Left	
[In] Rated Current	40 A	
Network Type	AC	
Earth-Leakage Sensitivity	300 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	220240 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	4
Height	85 mm

Width	36 mm	
Depth	69 mm	
Net Weight	0.21 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 135 mm² rigid Tunnel type terminals top or bottom 125 mm² flexible Tunnel type terminals top or bottom 125 mm² 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	-560 °C
Ambient Air Temperature For Storage	-4085 °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	4.000 cm
Package 1 Length	10.000 cm
Package 1 Weight	201.000 g
Unit Type Of Package 2	BB1
Number Of Units In Package 2	6
Package 2 Height	10.500 cm
Package 2 Width	9.000 cm
Package 2 Length	25.500 cm
Package 2 Weight	1.302 kg
Unit Type Of Package 3	S03
Number Of Units In Package 3	54
Package 3 Height	30.000 cm
Package 3 Width	30.000 cm
Package 3 Length	40.000 cm
Package 3 Weight	12.404 kg

Contractual warranty

Warranty

18 months



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Transparency RoHS/REACh

Well-being performance



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