Product datasheet

Specification





Residual current circuit breaker (RCCB), Acti9 iID, 4P, 40A, AC type, 100mA

A9R12440

Main

Range	Acti9
Product Name	Acti9 iID
Product Or Component Type	Residual current circuit breaker (RCCB)
Device Short Name	ilD
Poles Description	4P
Neutral Position	Left
[In] Rated Current	40 A
Network Type	AC
Earth-Leakage Sensitivity	100 mA
Earth-Leakage Protection Time Delay	Instantaneous
Earth-Leakage Protection Class	Type AC

Complementary

Device Location In System	Outgoer
Network Frequency	50/60 Hz
[Ue] Rated Operational Voltage	380415 V AC 50/60 Hz
Residual Current Tripping Technology	Voltage independent
Rated Breaking And Making	Idm 1500 A
Capacity	Im 1500 A
Rated Conditional Short-Circuit Current	10 kA
[Ui] Rated Insulation Voltage	500 V AC 50/60 Hz
[Uimp] Rated Impulse Withstand Voltage	6 kV
Contact Position Indicator	Yes
Control Type	Toggle
Mounting Mode	Clip-on
Mounting Support	DIN rail
9 Mm Pitches	8
Height	91 mm
Width	72 mm
Depth	73.5 mm
Net Weight	0.37 kg

Colour	White	
Mechanical Durability	20000 cycles	
Electrical Durability	AC-1: 15000 cycles	
Locking Options Description	Padlocking device	
Connections - Terminals	Single terminal top or bottom 135 mm² rigid Single terminal top or bottom 125 mm² flexible Single terminal top or bottom 125 mm² flexible with ferrule	
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
Product Certifications	EAC
Ip Degree Of Protection	IP20 conforming to IEC 60529 IP40 (modular enclosure) conforming to IEC 60529
Pollution Degree	3
Electromagnetic Compatibility	8/20 μs impulse withstand, 250 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	8.300 cm
Package 1 Width	7.600 cm
Package 1 Length	10.100 cm
Package 1 Weight	363.000 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	10.264 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	93.008 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