Product datasheet

Specification





Acti 9 iID - RCCB - 4P - 100A - 100mA - type AC

A9R12491

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	100 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 Capacity	Idm 1500 A Im 1500 A	
Rated Conditional Short-Circuit Current	ort-Circuit 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: 10000 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	g Length 14 mm for top or bottom connection	
Tightening Torque	orque 3.5 N.m top or bottom	

Environment

Standards	EN/IEC 61008-1	
Product Certifications	ISI EAC	
Ip Degree Of Protection	IP20 conforming to IEC 60529 IP40 (modular enclosure) conforming to IEC 60529	
Pollution Degree	3	
Electromagnetic Compatibility	patibility 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	7.5 cm
Package 1 Width	8.3 cm
Package 1 Length	10.0 cm
Package 1 Weight	371.0 g
Unit Type Of Package 2	S03
Number Of Units In Package 2	27
Package 2 Height	30.0 cm
Package 2 Width	30.0 cm
Package 2 Length	40.0 cm
Package 2 Weight	10.216 kg

Contractual warranty

Warranty 18 months



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Transparency RoHS/REACh

Well-being performance

Ø	Mercury Free	
⊘	Rohs Exemption Information	Yes
②	Halogen Free Plastic Parts Product	

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