

Residual current circuit breaker (RCCB), Acti9, iID, 4P, 100A, A type, 30mA

A9R21491

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	30 mA	
Earth-leakage protection time delay	Instantaneous	
Earth-leakage protection class	Type A	

Complementary

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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	ldm 1500 A 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	
Surge current	250 A	
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	14 mm for top or bottom connection	
Tightening torque	3.5 N.m top or bottom	

Environment

Standards	EN/IEC 61008-1	
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	-2560 °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	7.700 cm
Package 1 Length	9.600 cm
Package 1 Weight	411.000 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	11.647 kg

Contractual warranty

Warranty 18 months



Schneider Electric aims to achieve Net Zero status by 2050 through supply chain partnerships, lower impact materials, and circularity via our ongoing "Use Better, Use Longer, Use Again" campaign to extend product lifetimes and recyclability.

Environmental Data explained >

How we assess product sustainability >

⊘ Environmental footprint	
Carbon footprint (kg.eq.CO2 per CR, Total Life cycle)	118
Environmental Disclosure	Product Environmental Profile

Use Better

Packaging made with recycled cardboard	Yes
Packaging without single use plastic	Yes
EU RoHS Directive	Compliant with Exemptions
SCIP Number	B078722f-7853-4e1e-a05b-29638f57b0ab
REACh Regulation	REACh Declaration

Use Again

○ Repack and remanufacture	
Circularity Profile	No need of specific recycling operations
Take-back	No
WEEE	The product must be disposed on European Union markets following specific waste collection and never end up in rubbish bins