

Residual current circuit breaker (RCCB), Acti9 iID, 4P, 40A, B-SI type, 30mA, double terminal

A9Z61440

Main

Range	Acti9	
product name	Acti9 iID	
Product or component type	Residual current circuit breaker (RCCB)	
Device short name	ilD	
Device application	Photovoltaic 3P speed drive Lift	
Poles description	4P	
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 B-SI (Super Immunised)	
Quality labels	VDE NF IMQ KEMA	

Complementary

Device location in system	Outgoer Group incomer
Network frequency	50 Hz
[Ue] rated operational voltage	400 V AC 50 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
[Uimp] rated impulse withstand voltage	6 kV
Contact position indicator	Yes
Control type	Toggle
Local signalling	ON/OFF indication LED (green) for presence of voltage Trip indicator

Mounting mode	Clip-on	
Mounting support	DIN rail	
9 mm pitches	8	
Height	88 mm	
Width	72 mm	
Depth	79 mm	
Net weight	415 g	
Colour	White	
Mechanical durability	20000 cycles	
Electrical durability	15000 cycles	
Locking options description	Padlocking device	
Connections - terminals	Double terminal front 135 mm² rigid Double terminal front 125 mm² flexible Double terminal front 125 mm² flexible with ferrule Double terminal back 125 mm² rigid Double terminal back 116 mm² flexible Double terminal back 116 mm² flexible	
Wire stripping length	14 mm for top or bottom connection	
Tightening torque	3.5 N.m top or bottom	
Environment		

Standards	IEC 61008-2-1 IEC/EN 62423 EN 61008-2-1
Product certifications	ссс кс
IP degree of protection	IP20 conforming to IEC 60529 IP40 (modular enclosure) conforming to IEC 60529
IK degree of protection	IK05
Pollution degree	3
Overvoltage category	IV
Electromagnetic compatibility	8/20 µs impulse withstand, 3 kA conforming to EN/IEC 61008-1
Operating altitude	02000 m
Ambient air temperature for operation	-2560 °C
Ambient air temperature for storage	-4085 °C

Packing Units

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Unit Type of Package 1	PCE
Number of Units in Package 1	1
Package 1 Height	8.4 cm
Package 1 Width	7.5 cm
Package 1 Length	10.0 cm
Package 1 Weight	452.0 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	12.606 kg	



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)	73
Environmental Disclosure	Product Environmental Profile

Use Better

EU RoHS Directive	Compliant with Exemptions
REACh Regulation	REACh Declaration

Use Again

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