Acti9 iID - Residual Current Circuit Breaker - 4P - 25A - 30mA - B-SI type

A9Z61425

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	25 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
Rated breaking and making capacity	Idm 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

Mounting mode	Local signalling	ON/OFF indication LED (green) for presence of voltage
Mounting support DIN rail 9 mm pitches 8 8 mm Width 72 mm Depth 79 mm Net weight 415 g Colour While Mechanical durability 20000 cycles Electrical durability 15000 cycles Locking options description Pedicional front 135 mm² rigid 15000 cycles		
Height 88 mm Width 72 mm Depth 78 mm Not weight 415 g Colour White Mechanical durability 20000 cycles Electrical durability 15000 cycles Locking options description Padiocking device Connections - terminals Couble terminal front 1 25 mm² rigid Double terminal front front 1 25 mm² rigid Double terminal front 1 25 mm² rigid Double terminal front front 1 25 mm² rigid Double terminal front 1 25 mm² rigid Double terminal front 1 25 mm² rigid Double terminal front 1	Mounting mode	Clip-on
Height 72 mm Writh 72 mm Depth 79 mm Not weight 415 g Coolour White Mechanical durability 20000 cycles Electricial durability 15000 cycles Locking options description Padicking device Connections - terminals Double terminal front 135 mm² rigid Double terminal front 135 mm² rigid Double terminal front 135 mm² rigid Double terminal back 135 mm² rigid Dou	Mounting support	DIN rail
Depth 79 mm Net weight 415 g Colour White Mechanical durability 20000 cycles Electrical durability 15000 cycles Electrical durability 15000 cycles Electrical durability 150000 cycles Electrical durability 150000 cycles Electrical durability 150000 cycles Connections - terminals Coult be terminal front 135 mm² rigid Double terminal front 135 mm² rigid Double terminal souble terminal soubl	9 mm pitches	8
Net weight 415 g Colour White Mechanical durability 20000 cycles Electrical durability 15000 cycles Electrical durability 15000 cycles Electrical durability 15000 cycles Connections - terminals Double terminal front 135 mm² rigid Double terminal front 135 mm² rigid Double terminal back 116 mm² rigid Double with feruile Wire stripping length 14 mm for top or bottom connection Electroment Electroment Electroment Electroment Electroment It EC 61008.2-1 EC 61008.2-1 EC 61008.2-1 EC 61008.2-1 EC 61008.2-1 EC 61008.2-1 EV degree of protection IKOS Pedigree of protection IKOS Pedigree of protection IKOS Populution degree 3 Overvoltage category IV Electromagnetic compatibility 820 µs impulse withstand. 3 kA conforming to ENIEC 61008-1 Doperating altitude 02000 m Ambient air temperature for conspecial 1 Package 1 Mits Unit Type of Package 1 PCE Number of Units in Package 2 SO SO SO SO SO SO SO SO SO S	Height	88 mm
Net weight 415 g Colour White Mechanical durability 20000 cycles Electrical durability 15000 cycles Electrical durability 15000 cycles Locking options description Padiocking device Connections - terminals Death 135 mm² rigid Double terminal front 135 mm² rigid Double terminal front 135 mm² rigid Double terminal beat 135 mm² flexible with farrule Environment Environment Elec 61008-2-1 Elec 61008-2 Elec 6100	Width	72 mm
Mechanical durability 20000 cycles Electrical durability 15000 cycles Looking options description Padocking device Connections - terminals Development front 135 mm² flexible by Duble terminal front 125 mm² flexible with ferrule Duble terminal front 125 mm² flexible with ferrule Duble terminal front 125 mm² flexible with ferrule Duble terminal back 136 mm² flexible with ferrule Duble 136 mm² flexible with flexible with ferrule Duble 136	Depth	79 mm
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 flow flow flexible Double terminal back 116 mm² flexible Double Terminal back	Net weight	415 g
Electrical durability 15000 cycles Locking options description Padiocking device Connections - terminals Double terminal front 135 mm² rigid Double terminal front 125 mm² flexible Double terminal toor 125 mm² flexible Double terminal back 116 mm² flexible with ferrule Environment Environment Standards IEC 61008-2-1 IEC 81008-2-1 IEC 81028-2-3 EN 61008-2-1 IEC 81028-2-1 IEC 81028-	Colour	White
Locking options description Connections - terminals Double terminal front 135 mm* rigid Double terminal front 135 mm* rigid Double terminal front 135 mm* flexible with ferrule Double terminal sock 16 mm* flexible with ferrule Double terminal back 16 mm* flexible with ferrule Double terminal back 116 mm* flexible with ferrule Fightening torque 14 mm for top or bottom connection Environment Standards IEC 6108-2-1 I	Mechanical durability	20000 cycles
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 116 mm² flexible with ferrule Double terminal back 116 mm² flexible Double terminal back 116	Electrical durability	15000 cycles
Double terminal front 125 mm? flexible Double terminal front 125 mm? flexible with ferrule Double terminal back 116 mm? flexible Wire stripping length 14 mm for top or bottom connection 15thering torque 3.5 N.m top or bottom Environment Standards IEC 61008-2-1 IEC/EN 62423 EN 61008-2-	Locking options description	Padlocking device
Environment Standards IEC 61009-2-1 IEC/EN 62423 EN 61009-2-1 IEC/EN 62423 IEC/EN 624	Connections - terminals	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
Environment Standards IEC 61008-2-1 IEC/EN 62423 EN 61008-2-1 Product certifications CCC KC IP degree of protection IP20 conforming to IEC 60529 IP40 (modular enclosure) conforming to IEC 60529 IK degree of protection IK05 IK 05 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 -4085 °C Packing Units PCE Number of Units in Package 1 PCE Number of Units in Package 1 1 Package 1 Height 7.5 cm Package 1 Weight 451.0 g Unit Type of Package 2 S03	Wire stripping length	14 mm for top or bottom connection
IEC 61008-2-1 IEC/IEN 62423 EN 61008-2-1 IEC 60529 IP40 (modular enclosure) conforming to IEC 60529 IP40 (modular enclosure)	Tightening torque	3.5 N.m top or bottom
IEC 61008-2-1 IEC/IEN 62423 EN 61008-2-1 IEC 60529 IP40 (modular enclosure) conforming to IEC 60529 IP40 (modular enclosure)		
IEC/IEN 62423 EN 61008-2-1 Product certifications CCC KC IP degree of protection IP20 conforming to IEC 60529 IP40 (modular enclosure) conforming to IEC 60529 IR40 (modular enclosure) conforming to IEC 60529 IK degree of protection IK05 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 Ambient air temperature for storage Packing Units Unit Type of Package 1 PCE Package 1 Height 7.5 cm Package 1 Width 8.0 cm Package 1 Length 10.0 cm Package 1 Weight 451.0 g Unit Type of Package 2 S03		IFC 64008 2.4
KC IP degree of protection IP 20 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 Ambient air temperature for storage Packing Units Unit Type of Package 1 Package 1 Height 7.5 cm Package 1 Width 8.0 cm Package 1 Length 10.0 cm Package 1 Weight 451.0 g Unit Type of Package 2 S03	Standards	IEC/EN 62423
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 Ambient air temperature for storage Packing Units Unit Type of Package 1 Package 1 Height 7.5 cm Package 1 Width 8.0 cm Package 1 Length 10.0 cm Package 1 Weight 451.0 g Unit Type of Package 2 So3	Product certifications	
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 Unit Type of Package 1 PCE Number of Units in Package 1 1 Package 1 Height 7.5 cm Package 1 Width 8.0 cm Package 1 Length 10.0 cm Package 1 Weight 451.0 g Unit Type of Package 2 S03	IP degree of protection	
Overvoltage category V	IK degree of protection	IK05
Electromagnetic compatibility 8/20 µs impulse withstand, 3 kA conforming to EN/IEC 61008-1 Operating altitude 02000 m Ambient air temperature for operation Ambient air temperature for storage Packing Units Unit Type of Package 1 Package 1 Height 7.5 cm Package 1 Width 8.0 cm Package 1 Units 10.0 cm Package 1 Weight 451.0 g Unit Type of Package 2 S03	Pollution degree	3
Operating altitude 02000 m 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 7.5 cm Package 1 Width 8.0 cm Package 1 Length 10.0 cm Package 1 Weight 451.0 g Unit Type of Package 2 S03	Overvoltage category	IV
Ambient air temperature for operation Ambient air temperature for storage Packing Units Unit Type of Package 1 Package 1 Height Package 1 Length Package 1 Weight Package 2 S03	Electromagnetic compatibility	8/20 μs impulse withstand, 3 kA conforming to EN/IEC 61008-1
Ambient air temperature for storage Packing Units Unit Type of Package 1 PCE Number of Units in Package 1 1 Package 1 Height 7.5 cm Package 1 Width 8.0 cm Package 1 Length 10.0 cm Package 1 Weight 451.0 g Unit Type of Package 2 S03	Operating altitude	02000 m
Packing Units Unit Type of Package 1 PCE Number of Units in Package 1 1 Package 1 Height 7.5 cm Package 1 Width 8.0 cm Package 1 Length 10.0 cm Package 1 Weight 451.0 g Unit Type of Package 2 S03	Ambient air temperature for operation	-2560 °C
Unit Type of Package 1 PCE Number of Units in Package 1 1 Package 1 Height 7.5 cm Package 1 Width 8.0 cm Package 1 Length 10.0 cm Package 1 Weight 451.0 g Unit Type of Package 2 S03	Ambient air temperature for storage	-4085 °C
Unit Type of Package 1 PCE Number of Units in Package 1 1 Package 1 Height 7.5 cm Package 1 Width 8.0 cm Package 1 Length 10.0 cm Package 1 Weight 451.0 g Unit Type of Package 2 S03	Packing Units	
Package 1 Height 7.5 cm Package 1 Width 8.0 cm Package 1 Length 10.0 cm Package 1 Weight 451.0 g Unit Type of Package 2 S03	Unit Type of Package 1	PCE
Package 1 Width 8.0 cm Package 1 Length 10.0 cm Package 1 Weight 451.0 g Unit Type of Package 2 S03	Number of Units in Package 1	1
Package 1 Length 10.0 cm Package 1 Weight 451.0 g Unit Type of Package 2 S03	Package 1 Height	7.5 cm
Package 1 Weight 451.0 g Unit Type of Package 2 S03	Package 1 Width	8.0 cm
Unit Type of Package 2 S03	Package 1 Length	10.0 cm
	Package 1 Weight	451.0 g
Number of Units in Package 2 27	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	12.594 kg

Offer Sustainability

Sustainable offer status	Green Premium product
REACh Regulation	REACh Declaration
EU RoHS Directive	Compliant EU RoHS Declaration
Mercury free	Yes
RoHS exemption information	Yes
China RoHS Regulation	China RoHS declaration Product out of China RoHS scope. Substance declaration for your information
Environmental Disclosure	Product Environmental Profile
Circularity Profile	End of Life Information
WEEE	The product must be disposed on European Union markets following specific waste collection and never end up in rubbish bins

Recommended replacement(s)