

Single contact block, Harmony XALD, XALK, silver alloy, rear mounting, screw clamp terminal, 1NC

ZENL1121

Main

Range of product	Harmony XAPS Harmony XAL	
Product or component type	Contact block	
Device short name	ZENL	
Product destination	For XAPS control station For XB5 Ø 22 mm control and signalling units	
Mounting of block	Rear mounting	
Sale per indivisible quantity	5	
Contacts type and composition	1 NC	

Complementary

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Assembly style	For customer assembly	
Product weight	0.015 kg	
Contact operation	Slow-break	
Positive opening	With conforming to IEC 60947-5-1 appendix K	
Operating travel	1.5 mm (NC changing electrical state) 4.3 mm (total travel)	
Operating force	2 N NC changing electrical state	
Mechanical durability	10000000 cycles	
Connections - terminals	Screw clamp terminals, <= 2 x 1.5 mm ² with cable end conforming to IEC 60947-1 Screw clamp terminals, >= 1 x 0.22 mm ² without cable end conforming to IEC 60947-1	
Tightening torque	0.81.2 N.m conforming to IEC 60947-1	
Shape of screw head	Cross compatible with Philips no 1 screwdriver Cross compatible with pozidriv No 1 screwdriver Slotted compatible with flat Ø 4 mm screwdriver Slotted compatible with flat Ø 5.5 mm screwdriver	
Contacts material	Silver alloy (Ag/Ni)	
Maximum resistance across terminals	25 MOhm	
Short-circuit protection	10 A cartridge fuse type gG conforming to IEC 60947-5-1	
[Ith] conventional free air thermal current	10 A conforming to IEC 60947-5-1	
[Ui] rated insulation voltage	600 V (pollution degree 3) conforming to IEC 60947-1	
[Uimp] rated impulse withstand voltage	6 kV conforming to IEC 60947-1	

[le] rated operational current	3 A at 240 V, AC-15, A600 conforming to IEC 60947-5-1 6 A at 120 V, AC-15, A600 conforming to IEC 60947-5-1 0.1 A at 600 V, DC-13, Q600 conforming to IEC 60947-5-1 0.27 A at 250 V, DC-13, Q600 conforming to IEC 60947-5-1 0.55 A at 125 V, DC-13, Q600 conforming to IEC 60947-5-1 1.2 A at 600 V, AC-15, A600 conforming to IEC 60947-5-1	
Electrical durability	1000000 cycles, AC-15, 2 A at 230 V, operating rate <3600 cyc/h, load factor: 0.5 conforming to IEC 60947-5-1 appendix C 1000000 cycles, AC-15, 3 A at 120 V, operating rate <3600 cyc/h, load factor: 0.5 conforming to IEC 60947-5-1 appendix C 1000000 cycles, AC-15, 4 A at 24 V, operating rate <3600 cyc/h, load factor: 0.5 conforming to IEC 60947-5-1 appendix C 1000000 cycles, DC-13, 0.2 A at 110 V, operating rate <3600 cyc/h, load factor: 0.5 conforming to IEC 60947-5-1 appendix C 1000000 cycles, DC-13, 0.5 A at 24 V, operating rate <3600 cyc/h, load factor: 0.5 conforming to IEC 60947-5-1 appendix C	
Electrical reliability	Λ < 10exp(-6) at 5 V and 1 mA in clean environment conforming to IEC 60947-5-4 Λ < 10exp(-8) at 17 V and 5 mA conforming to IEC 60947-5-4	
Additional information	Mounting on integrated plate in the box	
Electrical composition code	SR1 (quantity <= 3) SR2 (quantity <= 2) MR1 (quantity <= 2)	

Environment

Protective treatment	тн	
Ambient air temperature for storage	-4070 °C	
Ambient air temperature for operation	-4070 °C	
IP degree of protection	IP20 conforming to IEC 60529	
Standards	IEC 60947-5-5	
	IEC 60947-5-4	
	UL 508	
	JIS C8201-5-1	
	IEC 60947-1	
	CSA C22.2 No 14	
	IEC 60947-5-1	
	JIS C8201-1	
Vibration resistance	5 gn (f= 12500 Hz) conforming to IEC 60068-2-6	
Shock resistance	30 gn (duration = 18 ms) for half sine wave acceleration conforming to IEC	
	60068-2-27	
	50 gn (duration = 11 ms) for half sine wave acceleration conforming to IEC 60068-2-27	
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Packing Units

Unit Type of Package 1	PCE
Number of Units in Package 1	1
Package 1 Height	5.600 cm
Package 1 Width	4.400 cm
Package 1 Length	5.400 cm
Package 1 Weight	9.000 g
Unit Type of Package 2	BB1
Number of Units in Package 2	5
Package 2 Height	5.600 cm
Package 2 Width	4.400 cm
Package 2 Length	5.400 cm

Package 2 Weight	52.000 g
Unit Type of Package 3	S03
Number of Units in Package 3	800
Package 3 Height	30.000 cm
Package 3 Width	30.000 cm
Package 3 Length	40.000 cm
Package 3 Weight	8.992 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	
Total lifecycle Carbon footprint	1
Environmental Disclosure	Product Environmental Profile

Use Better

Materials and Substances	
Packaging made with recycled cardboard	Yes
Packaging without single use plastic	Yes
EU RoHS Directive	Pro-active compliance (Product out of EU RoHS legal scope)
California proposition 65	WARNING: This product can expose you to chemicals including: Di-isodecyl phthalate (DIDP), which is known to the State of California to cause birth defects or other reproductive harm. For more information go to www.P65Warnings.ca.gov

Use Again

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

Image of product / Alternate images

Alternative











