

# Product datasheet

Specifications



## single contact block for head Ø22 1NO screw clamp terminal

Local distributor code:

386215991

ZENL1111

**EAN Code: 3389110115079**

## Main

<b>Range of product</b>	Harmony XAL Harmony XAPS
<b>Product or component type</b>	Contact block
<b>Device short name</b>	ZENL
<b>Product destination</b>	For XB5 Ø 22 mm control and signalling units For XAPS control station
<b>Mounting of block</b>	Rear mounting
<b>Sale per indivisible quantity</b>	5
<b>Contacts type and composition</b>	1 NO

## Complementary

<b>Assembly style</b>	For customer assembly
<b>Net weight</b>	0.015 kg
<b>Contact operation</b>	Slow-break
<b>Positive opening</b>	Without
<b>Operating travel</b>	2.6 mm (NO changing electrical state) 4.3 mm (total travel)
<b>Operating force</b>	2.3 N NO changing electrical state
<b>Operating torque</b>	0.05 N.m NO changing electrical state
<b>Mechanical durability</b>	10000000 cycles
<b>Connections - terminals</b>	Screw clamp terminals, $\leq 2 \times 1.5 \text{ mm}^2$ with cable end conforming to IEC 60947-1 Screw clamp terminals, $\geq 1 \times 0.22 \text{ mm}^2$ without cable end conforming to IEC 60947-1
<b>Tightening torque</b>	0.8...1.2 N.m conforming to IEC 60947-1
<b>Shape of screw head</b>	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
<b>Contacts material</b>	Silver alloy (Ag/Ni)
<b>Maximum resistance across terminals</b>	25 MOhm
<b>Short-circuit protection</b>	10 A cartridge fuse type gG conforming to IEC 60947-5-1
<b>[I<sub>th</sub>] conventional free air thermal current</b>	10 A conforming to IEC 60947-5-1
<b>[U<sub>i</sub>] rated insulation voltage</b>	600 V (pollution degree 3) conforming to IEC 60947-1
<b>[U<sub>imp</sub>] rated impulse withstand voltage</b>	6 kV conforming to IEC 60947-1

<b>[Ie] rated operational current</b>	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
<b>Electrical durability</b>	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
<b>Electrical reliability</b>	$\Lambda < 10\text{exp}(-6)$ at 5 V and 1 mA in clean environment conforming to IEC 60947-5-4 $\Lambda < 10\text{exp}(-8)$ at 17 V and 5 mA conforming to IEC 60947-5-4
<b>Additional information</b>	Mounting on integrated plate in the box
<b>Electrical composition code</b>	SR1 (quantity <= 3) SR2 (quantity <= 2) MR1 (quantity <= 2)

## Environment

<b>Protective treatment</b>	TH
<b>Ambient air temperature for storage</b>	-40...70 °C
<b>Ambient air temperature for operation</b>	-40...70 °C
<b>IP degree of protection</b>	IP20 conforming to IEC 60529
<b>Standards</b>	IEC 60947-5-1 CSA C22.2 No 14 IEC 60947-1 UL 508 IEC 60947-5-5 JIS C8201-5-1 IEC 60947-5-4 JIS C8201-1
<b>Vibration resistance</b>	5 gn (f= 12...500 Hz) conforming to IEC 60068-2-6
<b>Shock resistance</b>	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

## Packing Units

<b>Unit Type of Package 1</b>	PCE
<b>Number of Units in Package 1</b>	1
<b>Package 1 Height</b>	1.000 cm
<b>Package 1 Width</b>	3.300 cm
<b>Package 1 Length</b>	3.200 cm
<b>Package 1 Weight</b>	9.000 g
<b>Unit Type of Package 2</b>	BB1
<b>Number of Units in Package 2</b>	5
<b>Package 2 Height</b>	5.500 cm
<b>Package 2 Width</b>	5.500 cm
<b>Package 2 Length</b>	4.500 cm

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Package 2 Weight	51.000 g
Unit Type of Package 3	BB1
Number of Units in Package 3	5
Package 3 Height	5.500 cm
Package 3 Width	5.500 cm
Package 3 Length	4.500 cm
Package 3 Weight	51.000 g

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## Logistical informations

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Country of origin FR

## Contractual warranty

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Warranty 18 months



## Environmental Data

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)

## Use Again

### Repack and remanufacture

Recyclability potential, in % 50

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

Offer Marketing Illustration

Product benefits / Features

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## Technical Benefits

### Harmony XALD



Offer Marketing Illustration

Product benefits / Features

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### Features Harmony XALD



 Full compatibility with the Ø 22 mm plastic push buttons, switches and pilot lights of the Harmony XB5 range

 Possibility to add up to 3 NO or NC contact blocks per operating head

 Complete, ready-to-install stations with 1 to 3 buttons for the most common functions

 Polycarbonate pre-drilled control stations

 Modular system and simple to cable universal range

Image of product / Alternate images

Alternative

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