

# Product datasheet

Specifications



Single contact block, Harmony XALD, XALK, silver alloy, rear mounting, screw clamp terminal, 1NO

ZENL1111

## Main

|                               |  |
|-------------------------------|--|
| Range Of Product              | Harmony XAL<br>Harmony XAPS  |
| Product Or Component Type     | Contact block  |
| Device Short Name             | ZENL   |
| Product Destination           | For XB5 Ø 22 mm control and signalling units<br>For XAPS control station |
| Mounting Of Block             | Rear mounting  |
| Sale Per Indivisible Quantity | 5  |
| Contacts Type And Composition | 1 NO   |

## Complementary

|   |   |
|---|---|
| Assembly Style                              | For customer assembly   |
| Net Weight                                  | 0.015 kg  |
| Contact Operation                           | Slow-break  |
| Positive Opening                            | Without   |
| Operating Travel                            | 2.6 mm (NO changing electrical state)<br>4.3 mm (total travel)  |
| Operating Force                             | 2.3 N NO changing electrical state  |
| Operating Torque                            | 0.05 N.m NO changing electrical state   |
| Mechanical Durability                       | 10000000 cycles   |
| Connections - Terminals                     | Screw clamp terminals, $\leq 2 \times 1.5 \text{ mm}^2$ with cable end conforming to IEC 60947-1<br>Screw clamp terminals, $\geq 1 \times 0.22 \text{ mm}^2$ without cable end conforming to IEC 60947-1  |
| Tightening Torque                           | 0.8...1.2 N.m conforming to IEC 60947-1   |
| Shape Of Screw Head                         | Cross compatible with Philips no 1 screwdriver<br>Cross compatible with pozidriv No 1 screwdriver<br>Slotted compatible with flat Ø 4 mm screwdriver<br>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  |

|                                       |  |
|---------------------------------------|--|
| <b>[Ie] Rated Operational Current</b> | 3 A at 240 V, AC-15, A600 conforming to IEC 60947-5-1<br>6 A at 120 V, AC-15, A600 conforming to IEC 60947-5-1<br>0.1 A at 600 V, DC-13, Q600 conforming to IEC 60947-5-1<br>0.27 A at 250 V, DC-13, Q600 conforming to IEC 60947-5-1<br>0.55 A at 125 V, DC-13, Q600 conforming to IEC 60947-5-1<br>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<br>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<br>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<br>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<br>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<br>$\Lambda < 10\text{exp}(-8)$ 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)<br>SR2 (quantity <= 2)<br>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<br>CSA C22.2 No 14<br>IEC 60947-1<br>UL 508<br>IEC 60947-5-5<br>JIS C8201-5-1<br>IEC 60947-5-4<br>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<br>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>              | 3.000 cm |
| <b>Package 1 Length</b>             | 3.500 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>             | 4.500 cm |
| <b>Package 2 Width</b>              | 5.500 cm |
| <b>Package 2 Length</b>             | 6.000 cm |

|                              |           |
|------------------------------|-----------|
| Package 2 Weight             | 53.000 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             | 8.813 kg  |

## Contractual warranty

|          |           |
|----------|-----------|
| Warranty | 18 months |
|----------|-----------|

## Sustainability

**Green Premium™ label** is Schneider Electric's commitment to delivering products with best-in-class environmental performance. Green Premium promises compliance with the latest regulations, transparency on environmental impacts, as well as circular and low-CO<sub>2</sub> products.

**Guide to assessing product sustainability** is a white paper that clarifies global eco-label standards and how to interpret environmental declarations.

[Learn more about Green Premium >](#)

[Guide to assess a product's sustainability >](#)



Transparency RoHS/REACH

## Well-being performance

Reach Free Of Svhc

Toxic Heavy Metal Free

Mercury Free

Rohs Exemption Information Yes

## Certifications & Standards

**Reach Regulation**

[REACH Declaration](#)

**Eu Rohs Directive**

Pro-active compliance (Product out of EU RoHS legal scope)

[EU RoHS Declaration](#)

**China Rohs Regulation**

[China RoHS declaration](#)

**Environmental Disclosure**

[Product Environmental Profile](#)

**Weee**

The product must be disposed on European Union markets following specific waste collection and never end up in rubbish bins

**Circularity Profile**

[End of Life Information](#)