

# Product data sheet

Specifications



Light block, Harmony XALD, XALK,  
for head 22mm, universal LED,  
mounting in back of enclosure, 24V  
AC DC

ZALVB1

## Main

|                               |  |
|-------------------------------|--|
| Range of product              | Harmony XAL                                  |
| Product or component type     | Light block                                  |
| Device short name             | ZALV   |
| Product destination           | For XB5 Ø 22 mm control and signalling units |
| Mounting of block             | Rear mounting                                |
| Sale per indivisible quantity | 5  |
| Light source colour           | White  |
| [Us] rated supply voltage     | 24 V AC/DC                                   |

## Complementary

|   |   |
|---|---|
| Assembly style                          | For customer assembly   |
| Product weight                          | 0.015 kg  |
| Connections - terminals                 | Screw clamp terminals, <= 2 x 1.5 mm <sup>2</sup> with cable end conforming to IEC 60947-1<br>Screw clamp terminals, >= 1 x 0.22 mm <sup>2</sup> 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 |
| [Ui] rated insulation voltage           | 250 V (pollution degree 3) conforming to IEC 60947-1  |
| [Uiimp] rated impulse withstand voltage | 4 kV conforming to IEC 60947-1  |
| Signalling type                         | Steady  |
| Light source                            | Universal LED   |
| Supply voltage limits                   | 19.2...30 V DC<br>21.6...26.4 V AC  |
| Current consumption                     | 15 mA   |
| Service life                            | 100000 h at rated voltage and 25 °C   |
| Surge withstand                         | 1 kV conforming to IEC 61000-5-1  |
| Light block supply                      | Direct  |
| Bulb base                               | Integral LED  |
| Electrical composition code             | MR1<br>PR1  |

## Environment

|                                       |  |
|---------------------------------------|--|
| Protective treatment                  | TH   |
| Ambient air temperature for storage   | -40...70 °C  |
| Ambient air temperature for operation | -40...70 °C  |
| IP degree of protection               | IP20 conforming to IEC 60529   |
| Standards                             | IEC 60947-5-5<br>IEC 60947-5-4<br>IEC 60947-1<br>IEC 60947-5-1<br>CSA C22.2 No 14<br>JIS C8201-5-1<br>UL 508<br>JIS C8201-1  |
| Product certifications                | UL listed<br>CSA   |
| Vibration resistance                  | 5 gn (f= 12...500 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<br>50 gn (duration = 11 ms) for half sine wave acceleration conforming to IEC 60068-2-27 |
| Resistance to fast transients         | 2 kV conforming to IEC 61000-4-4   |
| Resistance to electromagnetic fields  | 10 V/m conforming to IEC 61000-4-3   |
| Resistance to electrostatic discharge | 6 kV on contact (on metal parts) conforming to IEC 61000-4-2<br>8 kV in free air (in insulating parts) conforming to IEC 61000-4-2   |
| Electromagnetic emission              | Class B conforming to IEC 55011  |

## 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             | 11.000 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             | 57.000 g  |
| Unit Type of Package 3       | S02       |
| Number of Units in Package 3 | 400       |
| Package 3 Height             | 15.000 cm |
| Package 3 Width              | 30.000 cm |
| Package 3 Length             | 40.000 cm |
| Package 3 Weight             | 4.865 kg  |

## Contractual warranty

|          |           |
|----------|-----------|
| 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 5

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)

SCIP Number F4331c57-9aed-49df-9448-e3367cbacc5b

California proposition 65 WARNING: This product can expose you to chemicals including: Lead and lead compounds, which is known to the State of California to cause cancer and birth defects or other reproductive harm. For more information go to [www.P65Warnings.ca.gov](#)

## Use Again

### Repack and remanufacture

End of life manual availability [End of Life Information](#)

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

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