# Product datasheet

Specifications



## red light block for head Ø22 integral LED 24 V - screw clamp terminals

Local distributor code:

386215768 ZALVB4

Discontinued on: 15 Jun 2023

Discontinued

**Important message: All colored LED are replaced with a single Universal LED block for use with new illuminated heads (more information at se.com/harmonyxb4 or se.com/harmonyxb5)**
**EAN Code: 3389110115123**

## 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** | Red |
| **[Us] rated supply voltage** | 24 V AC/DC |

## Complementary

| | |
|---|---|
| **Assembly style** | For customer assembly |
| **Net weight** | 0.015 kg |
| **Connections - terminals** | Screw clamp terminals, <= 2 x 1.5 mm² with cable end conforming to EN/IEC 60947-1<br>Screw clamp terminals, >= 1 x 0.22 mm² without cable end conforming to EN/IEC 60947-1 |
| **Tightening torque** | 0.8…1.2 N.m conforming to EN 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 EN/IEC 60947-1 |
| **[Uimp] rated impulse withstand voltage** | 4 kV conforming to EN/IEC 60947-1 |
| **Signalling type** | Steady |
| **Light source** | Integrated and protected LED |
| **Supply voltage limits** | 19.2…30 V DC<br>21.6…26.4 V AC |
| **Current consumption** | 18 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 |

Disclaimer: This documentation is not intended as a substitute for and is not to be used for determining suitability or reliability of these products for specific user applications

| | |
|---|---|
| **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** | EN/IEC 60947-5-5<br>UL 508<br>EN/IEC 60947-5-4<br>EN/IEC 60947-1<br>EN/IEC 60947-5-1<br>JIS C8201-5-1<br>CSA C22.2 No 14<br>JIS C8201-1 |
| **Product certifications** | CSA<br>UL listed |
| **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 EN/IEC 60068-2-27<br>50 gn (duration = 11 ms) for half sine wave acceleration conforming to EN/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** | 1.000 cm |
| **Package 1 Width** | 3.500 cm |
| **Package 1 Length** | 4.500 cm |
| **Package 1 Weight** | 10.000 g |
| **Unit Type of Package 2** | BB1 |
| **Number of Units in Package 2** | 5 |
| **Package 2 Height** | 4.500 cm |
| **Package 2 Width** | 5.500 cm |
| **Package 2 Length** | 5.500 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** | 4.847 kg |

## Logistical informations

| | |
|---|---|
| **Country of origin** | FR |

## Contractual warranty

| | |
|---|---|
| **Warranty (in months)** | 18 |

## 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 >

### Use Better

#### Materials and Substances

| | |
|---|---|
| Packaging made with recycled cardboard | **Yes** |
| Packaging without single use plastic | **Yes** |
| SCIP Number | **F4331c57-9aed-49df-9448-e3367cbacc5b** |
| EU RoHS Directive | **Compliant By Exemption** |

### Use Again

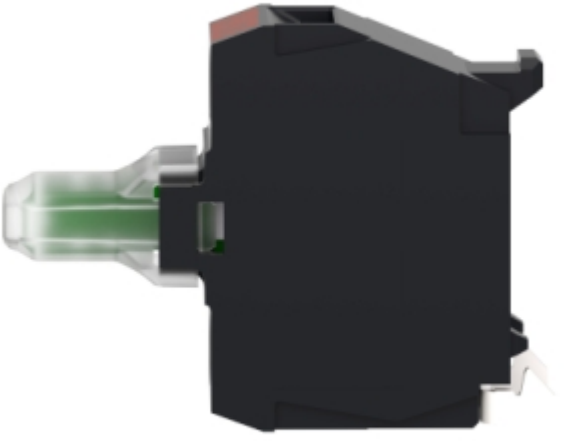
#### Repack and remanufacture

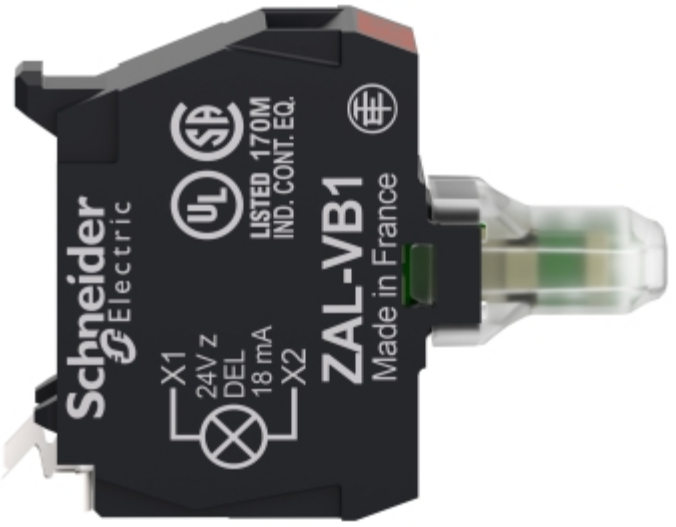
| | |
|---|---|
| WEEE Label | **The product must be disposed on European Union markets following specific waste collection and never end up in rubbish bins** |

Image of product / Alternate images

**Alternative**




Schneider Electric
LISTED 170M
IND. CONT. EQ.
ZAL-VB1
Made in France
X1
24V z
DEL
18 mA
X2




1
X


X
2