

# Product datasheet

Specifications



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

Local distributor code: 386215742    ZALVB1

EAN Code : 3389110115093

## 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                                                                                                                                                                                     |
| 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                           | Universal 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                                                                                                                                                                                              |
| 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>EN/IEC 60947-5-4<br>EN/IEC 60947-1<br>EN/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 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              | 3.000 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             | 4.813 kg  |

Offer Sustainability

|                          |                       |
|--------------------------|-----------------------|
| Sustainable offer status | Green Premium product |
|--------------------------|-----------------------|

|                            |                                                                                                                             |
|----------------------------|-----------------------------------------------------------------------------------------------------------------------------|
| REACH Regulation           | <a href="#">REACH Declaration</a>                                                                                           |
| REACH free of SVHC         | Yes                                                                                                                         |
| EU RoHS Directive          | Pro-active compliance (Product out of EU RoHS legal scope)<br><a href="#">EU RoHS Declaration</a>                           |
| Toxic heavy metal free     | Yes                                                                                                                         |
| Mercury free               | Yes                                                                                                                         |
| China RoHS Regulation      | <a href="#">China RoHS declaration</a>                                                                                      |
| RoHS exemption information | <a href="#">Yes</a>                                                                                                         |
| Environmental Disclosure   | <a href="#">Product Environmental Profile</a>                                                                               |
| WEEE                       | The product must be disposed on European Union markets following specific waste collection and never end up in rubbish bins |

### Contractual warranty

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

### Recommended replacement(s)