

Product data sheet

Characteristics

ZALVM1

white light block for head Ø22 integral LED
230..240 V - screw clamp terminals



Main

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|-------------------------------|--|
| 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 | 230...240 V AC |

Complementary

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| Assembly style | For customer assembly |
| Net weight | 0.015 kg |
| Connections - terminals | Screw clamp terminals, $\leq 2 \times 1.5 \text{ mm}^2$ with cable end conforming to EN/IEC 60947-1 Screw clamp terminals, $\geq 1 \times 0.22 \text{ mm}^2$ 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 Cross compatible with pozidriv No 1 screwdriver Slotted compatible with flat Ø 4 mm screwdriver 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 | 195...264 V AC |
| Current consumption | 14 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 PR1 |

The information provided in this documentation contains general descriptions and/or technical characteristics of the products contained herein. 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. It is the duty of any such user or integrator to perform the appropriate and complete risk analysis, evaluation and testing of the products with respect to the relevant specific application or use thereof. Neither Schneider Electric Industries SAS nor any of its affiliates or subsidiaries shall be responsible or liable for misuse of the information contained herein.

Environment

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| 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 | JIS C8201-5-1 EN/IEC 60947-5-5 CSA C22.2 No 14 EN/IEC 60947-1 EN/IEC 60947-5-4 UL 508 EN/IEC 60947-5-1 JIS C8201-1 |
| Product certifications | UL listed 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 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 8 kV in free air (in insulating parts) conforming to IEC 61000-4-2 |
| Electromagnetic emission | Class B conforming to IEC 55011 |

Packing Units

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| Unit Type of Package 1 | PCE |
| Number of Units in Package 1 | 1 |
| Package 1 Weight | 10.5 g |
| Package 1 Height | 1 cm |
| Package 1 width | 3 cm |
| Package 1 Length | 4.5 cm |
| Unit Type of Package 2 | S02 |
| Number of Units in Package 2 | 400 |
| Package 2 Weight | 4.972 kg |
| Package 2 Height | 15 cm |
| Package 2 width | 30 cm |
| Package 2 Length | 40 cm |
| Unit Type of Package 3 | CAR |
| Number of Units in Package 3 | 5 |
| Package 3 Weight | 60 g |
| Package 3 Height | 5.6 cm |
| Package 3 width | 3.4 cm |
| Package 3 Length | 5.4 cm |

Offer Sustainability

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| Sustainable offer status | Green Premium product |
| REACH Regulation |  REACH Declaration |
| REACH free of SVHC | Yes |
| EU RoHS Directive | Pro-active compliance (Product out of EU RoHS legal scope)  EU RoHS Declaration |
| Toxic heavy metal free | Yes |
| Mercury free | Yes |
| RoHS exemption information |  Yes |
| China RoHS Regulation |  China RoHS Declaration |

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| 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 |

Contractual warranty

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| Warranty | 12 months |
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