

Product data sheet

Specifications



Light block for head 22mm,
Harmony XAL, universal LED,
mounting in back of enclosure,
screw clamp terminal, 48...120V AC
DC

ZALVG1

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 | 48...120 V AC |

Complementary

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| Assembly style | For customer assembly |
| Product weight | 0.015 kg |
| Connections - terminals | Screw clamp terminals, <= 2 x 1.5 mm² with cable end conforming to EN/IEC 60947-1 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 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 | Universal LED |
| Supply voltage limits | 40...132 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 |

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 | EN/IEC 60947-5-5 UL 508 CSA C22.2 No 14 EN/IEC 60947-5-1 EN/IEC 60947-5-4 EN/IEC 60947-1 JIS C8201-5-1 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 Height | 4.4 cm |
| Package 1 Width | 5.4 cm |
| Package 1 Length | 5.6 cm |
| Package 1 Weight | 11 g |
| Unit Type of Package 2 | BB1 |
| Number of Units in Package 2 | 5 |
| Package 2 Height | 4.4 cm |
| Package 2 Width | 5.4 cm |
| Package 2 Length | 5.6 cm |
| Package 2 Weight | 59 g |
| Unit Type of Package 3 | S02 |
| Number of Units in Package 3 | 400 |
| Package 3 Height | 15 cm |
| Package 3 Width | 30 cm |
| Package 3 Length | 40 cm |
| Package 3 Weight | 5.156 kg |

Offer Sustainability

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| Sustainable offer status | Green Premium product |
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| 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 |
| China RoHS Regulation | China RoHS declaration |
| RoHS exemption information | Yes |
| 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 |
| 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 |

Contractual warranty

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| Warranty | 18 months |
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Recommended replacement(s)