# Product data sheet
## Characteristics

# ZBVG1
Light block, Harmony XB4, Harmony XB5, for head 22mm, universal LED, screw clamp terminals, 110...120V AC



## Main

| | |
|---|---|
| Range of product | Harmony XB4<br>Harmony XB5 |
| Product or component type | Light block |
| Device short name | ZBV |
| Sale per indivisible quantity | 5 |
| Connections - terminals | Screw clamp terminals, <= 2 x 1.5 mm² with cable end conforming to IEC 60947-1<br>Screw clamp terminals, >= 1 x 0.22 mm² without cable end conforming to IEC 60947-1 |
| Signalling type | Steady |
| Light source | Universal LED |
| Bulb base | Integral LED |
| Light block supply | Direct |
| Light source colour | White |
| [Us] rated supply voltage | 110...120 V AC at 50/60 Hz |

## Complementary

| | |
|---|---|
| Net weight | 0.017 Kg |
| 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 |
| Current consumption | 19 mA |
| Service life | 100000 H at rated voltage and 25 °C |
| Surge withstand | 1 KV conforming to IEC 61000-4-5 |
| Mounting of block | Front mounting |
| Electrical composition code | M1<br>M2<br>M3<br>M4<br>M5<br>M6<br>M10<br>MF1<br>P1<br>P2<br>PF1 |
| Device presentation | Basic element |

## 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 | IEC 60947-5-5<br>UL 508<br>JIS C8201-5-1<br>IEC 60947-5-4<br>CSA C22.2 No 14<br>IEC 60947-5-1<br>IEC 60947-1<br>JIS C8201-1 |
| Product certifications | UL listed[RETURN]CSA |
| 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 |
| [Us] rated supply voltage | 110...120 V |

## Packing Units

| | |
|---|---|
| Unit Type of Package 1 | PCE |
| Number of Units in Package 1 | 1 |
| Package 1 Height | 5.6 Cm |
| Package 1 Width | 4.4 Cm |
| Package 1 Length | 5.4 Cm |
| Package 1 Weight | 9.0 G |
| Unit Type of Package 2 | BB1 |
| Number of Units in Package 2 | 5 |
| Package 2 Height | 5.6 Cm |
| Package 2 Width | 4.4 Cm |
| Package 2 Length | 5.4 Cm |
| Package 2 Weight | 53.0 G |
| Unit Type of Package 3 | S03 |
| Number of Units in Package 3 | 800 |
| Package 3 Height | 30 Cm |
| Package 3 Width | 30 Cm |
| Package 3 Length | 40 Cm |
| Package 3 Weight | 8.9 Kg |

## Offer Sustainability

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|---|---|
| Recyclability potential, in % | 15 |
| Total lifecycle Carbon footprint | 19 kg CO2 eq. |
| Carbon footprint of the manufacturing phase [A1 to A3] | 0.1590032103 |
| Carbon footprint of the manufacturing phase [A1 to A3] | 0.2 kg CO2 eq. |
| Carbon footprint of the distribution phase [A4] | 0.0059363563 |
| Carbon footprint of the distribution phase [A4] | 0 kg CO2 eq. |
| Carbon footprint of the installation phase [A5] | 0.0136069583 |
| Carbon footprint of the installation phase [A5] | 0 kg CO2 eq. |
| Carbon footprint of the use phase [B2, B3, B4, B6] | 19.1833157895 |
| Carbon footprint of the use phase [B2, B3, B4, B6] | 19 kg CO2 eq. |
| Mercury free | Yes |
| Sustainable packaging | Yes |
| Carbon footprint of the end-of-life phase [C1 to C4] | 0.0194995185 |
| Carbon footprint of the end-of-life phase [C1 to C4] | 0 kg CO2 eq. |

| | |
|---|---|
| Environmental Disclosure | Product Environmental Profile |
| Total lifecycle Carbon footprint | 19 |
| Average percentage of recycled plastic content | 30 % |
| Average percentage of recycled metal content | 10 % |
| Packaging made with recycled cardboard | Yes |
| Packaging without single use plastic | Yes |
| SCIP Number | E148b25a-d37b-4237-bc1f-74823046728d |
| REACh Regulation | Reference contains Substances of Very High Concern above the threshold |
| EU RoHS Directive | Compliant By Exemption |
| California proposition 65 | WARNING: This product can expose you to chemicals including: Lead and lead compounds, wh |
| 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 a |

## Contractual warranty

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

Product Life Status : Commercialised