# Product data sheet
## Characteristics

# XB7EV04BP
Monolithic pilot light, Harmony XB7, plastic, red, 22mm, integral LED, 24V AC DC



## Main

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|---|---|
| Range of product | Harmony XB7 |
| Product or component type | Pilot light |
| Device short name | XB7 |
| Mounting diameter | 22 Mm |
| Sale per indivisible quantity | 10 |
| Shape of signaling unit head | Round |
| Cap/operator or lens colour | Red |
| Light source | LED |
| Bulb base | Integral LED |
| [Us] rated supply voltage | 24 V AC/DC 50/60 Hz |
| Device presentation | Monolithic product |

## Complementary

| | |
|---|---|
| Height | 29 Mm |
| Width | 29 Mm |
| Depth | 54 Mm |
| Terminals description ISO n°1 | (X1-X2)PL |
| Net weight | 0.02 Kg |
| Device mounting | Fixing hole - diameter: 22.5 mm 22.3 +0.4/0 conforming to IEC 60947-5-1 |
| Fixing center | >= 30 x 40 mm (support panel) metal - thickness: 1…6 mm<br>>= 30 x 40 mm (support panel) plastic - thickness: 2…6 mm |
| Fixing mode | Fixing nut beneath head: 2…2.4 N.m |
| 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...2 x 2.5 mm² without cable end conforming to IEC 60947-1 |
| Tightening torque | 0.8…1.2 N.M conforming to IEC 60947-1 |
| Shape of screw head | Cross compatible with JIS No 1 screwdriver<br>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 IEC 60947-1 |
| [Uimp] rated impulse withstand voltage | 6 KV conforming to IEC 60947-1 |
| Signalling type | Steady |
| Supply voltage limits | 19.2…30 V DC<br>21.6…26.4 V AC |
| Current consumption | 20...27 mA |
| Service life | 70000 H at rated voltage and 25 °C |

## Environment

| | |
|---|---|
| Protective treatment | TH |
| Ambient air temperature for storage | -40…70 °C |
| Ambient air temperature for operation | -25…70 °C |
| Overvoltage category | Class II conforming to IEC 60536 |
| IP degree of protection | IP20 (rear face) conforming to IEC 60529<br>IP65 (front face) conforming to IEC 60529 |
| NEMA degree of protection | UL type 4/12 |
| Standards | JIS C8201-5-1<br>UL 508<br>IEC 60947-5-1<br>CSA C22.2 No 14<br>IEC 60947-1<br>JIS C8201-1 |
| Vibration resistance | 5 gn (f= 2…500 Hz) conforming to IEC 60068-2-6 |
| Shock resistance | 50 gn (duration = 11 ms) for half sine wave acceleration conforming to IEC 60068-2-27 |
| Electromagnetic compatibility | Disturbing field 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 | 3.000 Cm |
| Package 1 Width | 3.000 Cm |
| Package 1 Length | 5.200 Cm |
| Package 1 Weight | 18.000 G |
| Unit Type of Package 2 | BB1 |
| Number of Units in Package 2 | 10 |
| Package 2 Height | 4.000 Cm |
| Package 2 Width | 13.000 Cm |
| Package 2 Length | 17.500 Cm |
| Package 2 Weight | 184.000 G |
| Unit Type of Package 3 | S01 |
| Number of Units in Package 3 | 100 |
| Package 3 Height | 15.000 Cm |
| Package 3 Width | 15.000 Cm |
| Package 3 Length | 40.000 Cm |
| Package 3 Weight | 2.156 Kg |

## Offer Sustainability

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|---|---|
| Recyclability potential, in % | 15 |
| Total lifecycle Carbon footprint | 1 kg CO2 eq. |
| Carbon footprint of the manufacturing phase [A1 to A3] | 0.3606002493 |
| Carbon footprint of the manufacturing phase [A1 to A3] | 0.4 kg CO2 eq. |
| Carbon footprint of the distribution phase [A4] | 0.0026153035 |
| Carbon footprint of the distribution phase [A4] | 0 kg CO2 eq. |
| Carbon footprint of the installation phase [A5] | 0.000069488 |
| Carbon footprint of the installation phase [A5] | 0 kg CO2 eq. |
| Carbon footprint of the use phase [B2, B3, B4, B6] | 0.7332147887 |
| REACh free of SVHC | Yes |
| Carbon footprint of the use phase [B2, B3, B4, B6] | 0.7 kg CO2 eq. |
| Toxic heavy metal free | Yes |
| Mercury free | Yes |
| Sustainable packaging | No |
| Carbon footprint of the end-of-life phase [C1 to C4] | 0.0486834788 |
| Carbon footprint of the end-of-life phase [C1 to C4] | 0 kg CO2 eq. |
| Environmental Disclosure | Product Environmental Profile |

| | |
|---|---|
| Total lifecycle Carbon footprint | 1 |
| Packaging made with recycled cardboard | No |
| Packaging without single use plastic | No |
| REACh Regulation | Free of Substances of Very High Concern above the threshold |
| EU RoHS Directive | Compliant |
| California proposition 65 | WARNING: This product can expose you to chemicals including: Lead and lead compounds, w |
| 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