# Product datasheet

Specifications



## Monolithic pilot light, Harmony XB7, plastic, red, 22mm, plain lens for BA9s bulb, lt 250V

XB7EV64P

Discontinued on: 4 Aug 2021

Discontinued

**EAN Code: 3389110839593**

## Main

| | |
|---|---|
| **Range of product** | Harmony XB7 |
| **Product or component type** | Pilot light |
| **Device short name** | XB7 |
| **Mounting diameter** | 22 mm |
| **Sale per indivisible quantity** | 10 |
| **Operator additional information** | With plain lens |
| **Light source** | Incandescent (bulb not included) |
| **Device presentation** | Monolithic product |

## Complementary

| | |
|---|---|
| **Height** | 29 mm |
| **Width** | 29 mm |
| **Depth** | 54 mm |
| **Terminals description ISO n°1** | (X1-X2)PL |
| **Net weight** | 0.018 kg |
| **Overvoltage category** | Class II conforming to IEC 60536 |
| **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 |
| **Shape of signaling unit head** | Round |
| **Cap/operator or lens colour** | Red |
| **Connections - terminals** | Faston connectors, connection size: 6.35 x 0.8 mm conforming to IEC 60947-1<br>Forked type tag connectors, connection size: 6.5 mm conforming to IEC 60947-1<br>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 |

Disclaimer: 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

| | |
|---|---|
| **Signalling type** | Steady |
| **Bulb base** | BA 9s |
| **Light block supply** | Direct |
| **[Us] rated supply voltage** | <= 250 V |
| **Compatibility code** | XB7 |

## Environment

| | |
|---|---|
| **Protective treatment** | TH |
| **Ambient air temperature for storage** | -40…70 °C |
| **Ambient air temperature for operation** | -25…55 °C |
| **IP degree of protection** | IP20 (rear face) conforming to IEC 60529<br>IP54 (front face) conforming to IEC 60529 |
| **Enclosure Type** | UL type 12 |
| **Standards** | IEC 60947-5-1<br>IEC 60947-1<br>JIS C8201-5-1<br>CSA C22.2 No 14<br>UL 508<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

| | |
|---|---|
| **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** | 17.000 g |
| **Unit Type of Package 2** | BB1 |
| **Number of Units in Package 2** | 10 |
| **Package 2 Height** | 5.000 cm |
| **Package 2 Width** | 10.000 cm |
| **Package 2 Length** | 15.000 cm |
| **Package 2 Weight** | 174.000 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** | 2.056 kg |

## Contractual warranty

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

## Environmental Data

Schneider Electric aims to achieve Net Zero status by 2050 through supply chain partnerships, lower impact materials, and circularity via our ongoing “Use Better, Use Longer, Use Again” campaign to extend product lifetimes and recyclability.

Environmental Data explained >

How we assess product sustainability >

### Environmental footprint

| | |
|---|---|
| Total lifecycle Carbon footprint | **3 kg CO2 eq.** |
| Carbon footprint of the manufacturing phase [A1 to A3] | **0.3 kg CO2 eq.** |
| Carbon footprint of the distribution phase [A4] | **0 kg CO2 eq.** |
| Carbon footprint of the installation phase [A5] | **0 kg CO2 eq.** |
| Carbon footprint of the use phase [B2, B3, B4, B6] | **3 kg CO2 eq.** |
| Carbon footprint of the end-of-life phase [C1 to C4] | **0 kg CO2 eq.** |
| Environmental Disclosure | **Product Environmental Profile** |

## Use Better

### Materials and Substances

| | |
|---|---|
| Packaging made with recycled cardboard | **No** |
| Packaging without single use plastic | **No** |
| EU RoHS Directive | **Compliant** |
| REACh Regulation | **Free of Substances of Very High Concern above the threshold** |

## Use Again

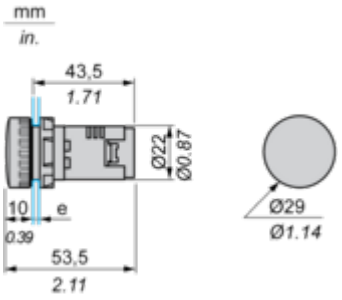
### Repack and remanufacture

| | |
|---|---|
| Recyclability potential, in % | **15** |
| 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 and never end up in rubbish bins** |

## Dimensions Drawings

### Pilot Light with Screw Terminal

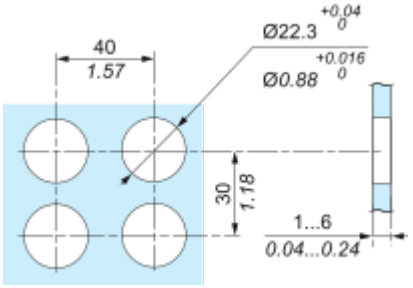
#### Dimensions



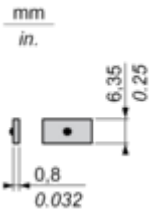

**e** Support panel thickness: 1 to 6 mm/0.4 to 0.24 in. (metal), 2 to 6 mm/0.8 to 0.24 in. (plastic).

Mounting and Clearance

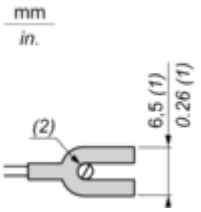
**Panel cut-out**



## Faston Clip Connection



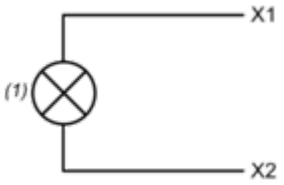
## “U” Type Tag Connection




**(1)** 6.5 mm/0.26 in. recommended, 7 mm/0.28 in. max.
**(2)** M3 screw clamp terminal.

Connections and Schema

**Wiring Diagram**




**(1)** bulb BA 9s

Image of product / Alternate images

**Alternative**



