# Product data sheet

Specifications



## Complete pilot light, Harmony XB6, rectangular red, plastic, 16mm, integral LED, 12...24V

XB6DV4BB

## Main

| | |
|---|---|
| **Range of product** | Harmony XB6 |
| **Product or component type** | Complete pilot light |
| **Device short name** | XB6 |
| **Bezel material** | Plastic |
| **Mounting diameter** | 16 mm |
| **Sale per indivisible quantity** | 1 |
| **Shape of signaling unit head** | Rectangular |
| **Cap/operator or lens colour** | Red |
| **Light source** | LED |
| **Bulb base** | Integral LED |
| **Light block supply** | Direct |
| **[Us] rated supply voltage** | 12...24 V AC/DC |

## Complementary

| | |
|---|---|
| **Height** | 18 mm |
| **Width** | 24 mm |
| **Depth** | 57 mm |
| **Terminals description ISO n°1** | (+ -)PL |
| **Net weight** | 0.015 kg |
| **Operating position** | Any position |
| **Connections - terminals** | Faston connectors, connection size: 2.8 x 0.5 mm |
| **[Ui] rated insulation voltage** | 250 V (pollution degree 2) conforming to IEC 60947-1 |
| **[Uimp] rated impulse withstand voltage** | 4 kV conforming to IEC 60947-1 |
| **Signalling type** | Steady |
| **Supply voltage limits** | 6…30 V AC/DC |
| **Current consumption** | 15 mA |
| **Surge withstand** | 1 kV direct contact conforming to IEC 61000-4-5<br>2 kV in free air conforming to IEC 61000-4-5 |

## Environment

| | |
|---|---|
| **Protective treatment** | TC |
| **Ambient air temperature for storage** | -40…70 °C |

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

| | |
|---|---|
| **Ambient air temperature for operation** | -25…70 °C |
| **Electrical shock protection class** | Class II conforming to IEC 61140 |
| **IP degree of protection** | IP65 conforming to IEC 60529 |
| **NEMA degree of protection** | NEMA 13 conforming to UL 50<br>NEMA 4 conforming to UL 50<br>NEMA 4X conforming to UL 50<br>NEMA 13 conforming to CSA C22.2 No 94<br>NEMA 4 conforming to CSA C22.2 No 94<br>NEMA 4X conforming to CSA C22.2 No 94 |
| **Standards** | JIS C 852<br>JIS C8201-5-1<br>IEC 60947-1<br>CSA C22.2 No 14<br>IEC 60947-5-5<br>UL 508<br>IEC 60947-5-1<br>JIS C8201-1 |
| **Product certifications** | CCC<br>CSA<br>GOST<br>UL |
| **Vibration resistance** | +/- 3 mm (f= 2…500 Hz) conforming to IEC 60068-2-6<br>5 gn (f= 2…500 Hz) conforming to IEC 60068-2-6 |
| **Shock resistance** | 30 gn (duration = 18 ms) for half sine wave acceleration conforming to IEC 60068-2-27<br>50 gn (duration = 11 ms) for half sine wave acceleration conforming to 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<br>8 kV in free air (in insulating parts) conforming to IEC 61000-4-2 |
| **Electromagnetic 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** | 2.0 cm |
| **Package 1 Width** | 11.0 cm |
| **Package 1 Length** | 11.0 cm |
| **Package 1 Weight** | 12.0 g |
| **Unit Type of Package 2** | S01 |
| **Number of Units in Package 2** | 60 |
| **Package 2 Height** | 15.0 cm |
| **Package 2 Width** | 15.0 cm |
| **Package 2 Length** | 40.0 cm |
| **Package 2 Weight** | 895.0 g |

## 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 | **0.8 kg CO2 eq.** |
| Carbon footprint of the manufacturing phase [A1 to A3] | **0.4 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] | **0.3 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 | **Yes** |
| Packaging without single use plastic | **No** |
| SCIP Number | **902182a2-9610-45f2-840e-6da530122efe** |
| EU RoHS Directive | **Compliant By Exemption** |
| REACh Regulation | **Reference contains Substances of Very High Concern above the threshold** |
| 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** |

## Use Again

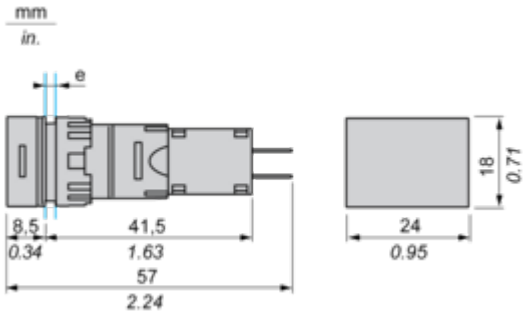
### Repack and remanufacture

| | |
|---|---|
| Recyclability potential, in % | **14** |
| 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

## Rectangular Head Pilot Light

### Dimensions




**e** panel thickness 1 to 6 mm/0.03 to 0.23 in.

Mounting and Clearance

## Panel Cut-out

### For Rectangular Head

