

# Product data sheet

Specifications



Complete body for pilot lights,  
Harmony XB6, white light block with  
body fixing collar with integral LED  
12...24V

ZB6EB1B

## Main

|                               |                                                  |
|-------------------------------|--------------------------------------------------|
| Range of product              | Harmony XB6                                      |
| Product or component type     | Complete body for pilot lights                   |
| Device short name             | ZB6                                              |
| Sale per indivisible quantity | 5                                                |
| Connections - terminals       | Faston connectors, connection size: 2.8 x 0.5 mm |
| Light source                  | LED                                              |
| Bulb base                     | Integral LED                                     |
| Light block supply            | Direct                                           |
| Light source colour           | White                                            |
| [Us] rated supply voltage     | 12...24 V AC/DC                                  |

## Complementary

|                                        |                                                                                             |
|----------------------------------------|---------------------------------------------------------------------------------------------|
| CAD overall height                     | 14 mm                                                                                       |
| CAD overall depth                      | 58 mm                                                                                       |
| Terminals description ISO n°1          | (+ -)PL                                                                                     |
| Net weight                             | 0.003 kg                                                                                    |
| Operating position                     | Any position                                                                                |
| [Ui] rated insulation voltage          | 250 V (pollution degree 3) 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 in 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                      |
| Ambient air temperature for operation | -25...70 °C                      |
| Electrical shock protection class     | Class II conforming to IEC 61140 |

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

|                                       |                                                                                                                                                                                |
|---------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Standards                             | JIS C 852<br>UL 508<br>CSA C22.2 No 14<br>JIS C 4520<br>IEC 60947-5-1<br>IEC 60947-5-5<br>IEC 60947-1                                                                          |
| Product certifications                | GOST<br>CCC<br>UL<br>CSA                                                                                                                                                       |
| 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 61000-2-6<br>8 kV in free air (in insulating parts) conforming to IEC 61000-2-6                                             |
| 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             | 0.5 cm |
| Package 1 Width              | 1.8 cm |
| Package 1 Length             | 5 cm   |
| Package 1 Weight             | 2 g    |
| Unit Type of Package 2       | BB1    |
| Number of Units in Package 2 | 5      |
| Package 2 Height             | 2.2 cm |
| Package 2 Width              | 3.2 cm |
| Package 2 Length             | 6.5 cm |
| Package 2 Weight             | 16 g   |
| Unit Type of Package 3       | S01    |
| Number of Units in Package 3 | 200    |
| Package 3 Height             | 15 cm  |
| Package 3 Width              | 15 cm  |
| Package 3 Length             | 40 cm  |
| Package 3 Weight             | 849 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                       | 18 kg CO2 eq.                                 |
| Carbon footprint of the manufacturing phase [A1 to A3] | 0 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]     | 18 kg CO2 eq.                                 |
| Carbon footprint of the end-of-life phase [C1 to C4]   | 0 kg CO2 eq.                                  |
| Environmental Disclosure                               | <a href="#">Product Environmental Profile</a> |

## Use Better



### Materials and Substances

|                                        |                                                                                                                                                                                                                                                                                                    |
|----------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Packaging made with recycled cardboard | Yes                                                                                                                                                                                                                                                                                                |
| Packaging without single use plastic   | Yes                                                                                                                                                                                                                                                                                                |
| SCIP Number                            | 7e93e493-8304-40e7-9b39-3ac9fc039df4                                                                                                                                                                                                                                                               |
| EU RoHS Directive                      | <a href="#">Compliant By Exemption</a>                                                                                                                                                                                                                                                             |
| California proposition 65              | <b>WARNING:</b> 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 <a href="http://www.P65Warnings.ca.gov">www.P65Warnings.ca.gov</a> |

## Use Again



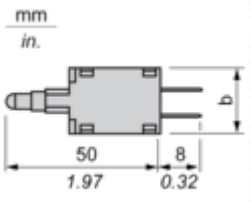
### Repack and remanufacture

|                                 |                                                                                                                                                                                                                 |
|---------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Recyclability potential, in %   | 17                                                                                                                                                                                                              |
| End of life manual availability | <a href="#">End of Life Information</a>                                                                                                                                                                         |
| 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

Body for Pilot Light

Dimensions



**b** 13.5 mm/0.53 in.

Image of product / Alternate images

Alternative

---





