# Product datasheet

Specifications

Green Premium™

## yellow light block with body/fixing collar with integral LED 48...120V

ZB6EG5B

## 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** | Yellow |
| **[Us] Rated Supply Voltage** | 48...120 V AC |

## Complementary

| | |
|---|---|
| **Cad Overall Height** | 14 mm |
| **Cad Overall Depth** | 58 mm |
| **Terminals Description Iso N°1** | (X1-X2)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** | 40…132 V AC |
| **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

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|---|---|
| **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 4520<br>JIS C 852<br>CSA C22.2 No 14<br>IEC 60947-5-5<br>IEC 60947-1<br>UL 508<br>IEC 60947-5-1 |
| **Product Certifications** | GOST<br>CSA<br>CCC<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 61000-2-6<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** | 3.2 cm |
| **Package 1 Width** | 2.2 cm |
| **Package 1 Length** | 6.5 cm |
| **Package 1 Weight** | 3.0 g |
| **Unit Type Of Package 2** | CAR |
| **Number Of Units In Package 2** | 5 |
| **Package 2 Height** | 3.2 cm |
| **Package 2 Width** | 2.2 cm |
| **Package 2 Length** | 6.5 cm |
| **Package 2 Weight** | 17.0 g |

## Contractual warranty

| | |
|---|---|
| **Warranty** | 18 months |

## Sustainability

**Green Premium™ label** is Schneider Electric's commitment to delivering products with best-in-class environmental performance. Green Premium promises compliance with the latest regulations, transparency on environmental impacts, as well as circular and low-$CO_2$ products.

**Guide to assessing product sustainability** is a white paper that clarifies global eco-label standards and how to interpret environmental declarations.

Learn more about Green Premium >

Guide to assess a product's sustainability >

Transparency RoHS/REACh

## Well-being performance

Mercury Free

| | |
|---|---|
| Rohs Exemption Information | Yes |

## Certifications & Standards

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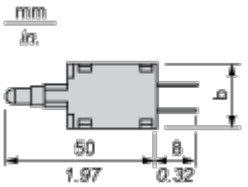
|---|---|
| **Reach Regulation** | REACh Declaration |
| **Eu Rohs Directive** | Pro-active compliance (Product out of EU RoHS legal scope) |
| **China Rohs Regulation** | China RoHS declaration |
| **Environmental Disclosure** | Product Environmental Profile |
| **Weee** | The product must be disposed on European Union markets following specific waste collection and never end up in rubbish bins |
| **Circularity Profile** | End of Life Information |

## Dimensions Drawings

### Body for Pilot Light

#### Dimensions




b 13.5 mm/0.53 in.