

# Product datasheet

Specifications



Monolithic pilot light, plastic, blue,  
Ø22, integral LED, 24 V AC/DC

XB7EV06BP

## 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                  |
| Shape of signaling unit head  | Round               |
| Cap/operator or lens colour   | Blue                |
| 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 EN/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 EN/IEC 60947-1<br>Screw clamp terminals, 1 x 0.22...2 x 2.5 mm² without cable end conforming to EN/IEC 60947-1                                                                       |
| Tightening torque                      | 0.8...1.2 N.m conforming to EN 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 EN/IEC 60947-1                                                                                                                                                                                                 |
| [Uimp] rated impulse withstand voltage | 6 kV conforming to EN/IEC 60947-1                                                                                                                                                                                                                       |
| Signalling type                        | Steady                                                                                                                                                                                                                                                  |

Excluding VAT, FCA Jabal Ali & are subject to change – check with your local distributor.

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

|                       |                                    |
|-----------------------|------------------------------------|
| 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             | NEMA 4 conforming to UL 50 E<br>NEMA 12 conforming to UL 50 E                                   |
| Standards                             | EN/IEC 60947-5-1<br>CSA C22.2 No 14<br>JIS C8201-5-1<br>EN/IEC 60947-1<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 EN 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             | 18.000 g  |
| Unit Type of Package 2       | BB1       |
| Number of Units in Package 2 | 10        |
| Package 2 Height             | 6.000 cm  |
| Package 2 Width              | 10.000 cm |
| Package 2 Length             | 15.000 cm |
| Package 2 Weight             | 185.000 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             | 2.120 kg  |

## 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<sub>2</sub> 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

|   |                            |     |
|---|----------------------------|-----|
| ✓ | Reach Free Of Svhc         |     |
| ✓ | Toxic Heavy Metal Free     |     |
| ✓ | Mercury Free               |     |
| ✓ | Rohs Exemption Information | Yes |

Certifications & Standards

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

Dimensions Drawings

Pilot Light with Screw Terminal

Dimensions

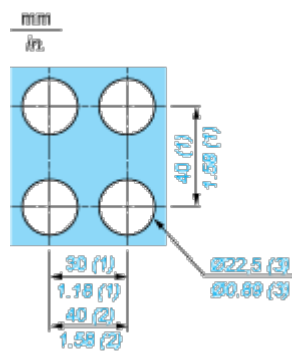


e Support panel thickness: 1 to 6 mm/0.4 to 0.24 in. (metal), 2 to 6 mm/0.8 to 0.24 in. (plastic).

Mounting and Clearance

Mounting

Diameter of Finished Fixing Holes



- (1) Minimum value.
- (2) 40 mm/1.58 in. for Emergency switching off pushbutton only.
- (3) Standard value: Ø 22.3 (0; + 0.4) mm/Ø 0.88 (0; + 0.02) in.

Faston Clip Connection

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“U” Type Tag Connection

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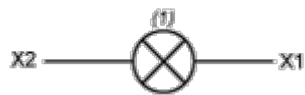


- (1) 6.5 mm/0.26 in. recommended, 7 mm/0.28 in. max.
- (2) M3 screw clamp terminal.

Connections and Schema

Wiring Diagram

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(1) LED

Offer Marketing Illustration

Product benefits / Features

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### Features

Harmony All-in-one monolithic offers



Good resistance to chemical agents with double electrical insulation



Monolithic design - easy to select



Quick to install by eliminating the need for components



Safety compliant: Finger protected



Offer Marketing Illustration

Product benefits / Features

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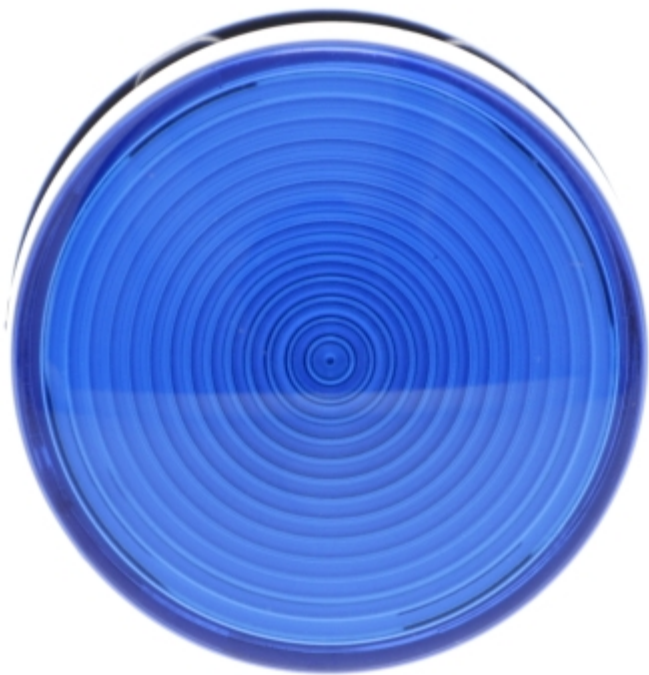


Image of product / Alternate images

Alternative

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