

# Product data sheet

Specifications



## Harmony XB7, Monolithic pilot light, plastic, blue, Ø22, integral LED, 230...240 V AC

XB7EV06MP

### 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     | 230...240 V AC 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 mm <sup>2</sup> with cable end conforming to EN/IEC 60947-1<br>Screw clamp terminals, 1 x 0.22...2 x 2.5 mm <sup>2</sup> 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   |

|                              |                                    |
|------------------------------|------------------------------------|
| <b>Signalling type</b>       | Steady                             |
| <b>Supply voltage limits</b> | 195...264 V AC                     |
| <b>Current consumption</b>   | 16...20 mA                         |
| <b>Service life</b>          | 70000 h at rated voltage and 25 °C |

## Environment

|  |   |
|--|---|
| <b>Protective treatment</b>                  | TH  |
| <b>Ambient air temperature for storage</b>   | -40...70 °C   |
| <b>Ambient air temperature for operation</b> | -25...70 °C   |
| <b>Overvoltage category</b>                  | Class II conforming to IEC 60536  |
| <b>IP degree of protection</b>               | IP20 (rear face) conforming to IEC 60529<br>IP65 (front face) conforming to IEC 60529           |
| <b>NEMA degree of protection</b>             | NEMA 4 conforming to UL 50 E<br>NEMA 12 conforming to UL 50 E                                   |
| <b>Standards</b>                             | CSA C22.2 No 14<br>JIS C8201-5-1<br>EN/IEC 60947-1<br>EN/IEC 60947-5-1<br>UL 508<br>JIS C8201-1 |
| <b>Vibration resistance</b>                  | 5 gn (f= 2...500 Hz) conforming to IEC 60068-2-6  |
| <b>Shock resistance</b>                      | 50 gn (duration = 11 ms) for half sine wave acceleration conforming to IEC 60068-2-27           |
| <b>Electromagnetic compatibility</b>         | Disturbing field emission class B conforming to EN 55011  |

## Packing Units

|                                     |          |
|-------------------------------------|----------|
| <b>Unit Type of Package 1</b>       | PCE      |
| <b>Number of Units in Package 1</b> | 1        |
| <b>Package 1 Weight</b>             | 23 g     |
| <b>Package 1 Height</b>             | 7 cm     |
| <b>Package 1 width</b>              | 10 cm    |
| <b>Package 1 Length</b>             | 15 cm    |
| <b>Unit Type of Package 2</b>       | BAG      |
| <b>Number of Units in Package 2</b> | 10       |
| <b>Package 2 Weight</b>             | 230 g    |
| <b>Package 2 Height</b>             | 7 cm     |
| <b>Package 2 width</b>              | 10 cm    |
| <b>Package 2 Length</b>             | 15 cm    |
| <b>Unit Type of Package 3</b>       | S01      |
| <b>Number of Units in Package 3</b> | 100      |
| <b>Package 3 Weight</b>             | 2.525 kg |
| <b>Package 3 Height</b>             | 15 cm    |
| <b>Package 3 width</b>              | 15 cm    |
| <b>Package 3 Length</b>             | 40 cm    |

## Offer Sustainability

|                                 |                       |
|---------------------------------|-----------------------|
| <b>Sustainable offer status</b> | Green Premium product |
|---------------------------------|-----------------------|

|                                   |   |
|-----------------------------------|---|
| <b>REACH Regulation</b>           | <a href="#">REACH Declaration</a>   |
| <b>REACH free of SVHC</b>         | Yes   |
| <b>EU RoHS Directive</b>          | Pro-active compliance (Product out of EU RoHS legal scope)<br><a href="#">EU RoHS Declaration</a>   |
| <b>Toxic heavy metal free</b>     | Yes   |
| <b>Mercury free</b>               | Yes   |
| <b>RoHS exemption information</b> | <a href="#">Yes</a>   |
| <b>China RoHS Regulation</b>      | <a href="#">China RoHS declaration</a>  |
| <b>Environmental Disclosure</b>   | <a href="#">Product Environmental Profile</a>   |
| <b>Circularity Profile</b>        | <a href="#">End of Life Information</a>   |
| <b>WEEE</b>                       | The product must be disposed on European Union markets following specific waste collection and never end up in rubbish bins   |
| <b>California proposition 65</b>  | 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 <a href="http://www.P65Warnings.ca.gov">www.P65Warnings.ca.gov</a> |

## Contractual warranty

|                 |           |
|-----------------|-----------|
| <b>Warranty</b> | 18 months |
|-----------------|-----------|

**Pilot Light with Screw Terminal**

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**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**

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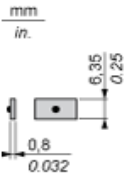
**Diameter of Finished Fixing Holes**



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

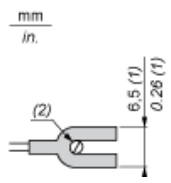
**Faston Clip Connection**

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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.

**Wiring Diagram**

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