

# Product data sheet

## Characteristics

# XB7EV03BP

Harmony XB7, Monolithic pilot light, plastic, green, Ø22, integral LED, 24 V AC/DC



Product availability: Stock - Normally stocked in distribution facility

Price\*: 36.00 USD



### Main

|                               |                     |
|-------------------------------|---------------------|
| Range of product              | Harmony XB7         |
| Product or component type     | Pilot light         |
| Device short name             | XB7                 |
| Mounting diameter             | 0.87 In (22 mm)     |
| Sale per indivisible quantity | 10                  |
| Shape of signaling unit head  | Round               |
| Cap/operator or lens colour   | Green               |
| Light source                  | LED                 |
| Bulb base                     | Integral LED        |
| [Us] rated supply voltage     | 24 V AC/DC 50/60 Hz |
| Device presentation           | Monolithic product  |

### Complementary

|                               |   |
|-------------------------------|---|
| Height                        | 1.14 In (29 mm)   |
| Width                         | 1.14 In (29 mm)   |
| Depth                         | 2.13 In (54 mm)   |
| Terminals description ISO n°1 | (X1-X2)PL   |
| Net weight                    | 0.04 Lb(US) (0.02 kg)   |
| Device mounting               | Fixing hole 0.89 in (22.5 mm) 22.3 +0.4/0 EN/IEC 60947-5-1  |
| Fixing center                 | >= 30 x 40 mm support panel) metal 0.04...0.24 in (1...6 mm)<br>>= 30 x 40 mm support panel) plastic 0.08...0.24 in (2...6 mm)  |
| Fixing mode                   | Fixing nut beneath head 17.70...21.24 lbf.in (2...2.4 N.m)  |
| Connections - terminals       | Screw clamp terminals, <= 2 x 1.5 mm <sup>2</sup> with cable end EN/IEC 60947-1<br>Screw clamp terminals, 1 x 0.22...2 x 2.5 mm <sup>2</sup> without cable end EN/IEC 60947-1 |
| Tightening torque             | 7.08...10.62 Lbf.In (0.8...1.2 N.m) EN 60947-1  |
| Shape of screw head           | Cross JIS No 1<br>Cross Philips no 1<br>Cross pozidriv No 1<br>Slotted flat Ø 4 mm<br>Slotted flat Ø 5.5 mm   |
| [Ui] rated insulation voltage | 250 V 3)EN/IEC 60947-1  |

|  |                                    |
|--|------------------------------------|
| [Uimp] rated impulse withstand voltage | 6 KV EN/IEC 60947-1                |
| Signalling type                        | Steady                             |
| 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...158 °F (-40...70 °C)  |
| Ambient air temperature for operation | -13...158 °F (-25...70 °C)  |
| Overvoltage category                  | Class II conforming to IEC 60536  |
| IP degree of protection               | IP20 IEC 60529 rear face)<br>IP65 IEC 60529 front face)   |
| NEMA degree of protection             | NEMA 4 UL 50 E<br>NEMA 12 UL 50 E   |
| Standards                             | UL 508<br>JIS C8201-5-1<br>CSA C22.2 No 14<br>EN/IEC 60947-5-1<br>EN/IEC 60947-1<br>JIS C8201-1 |
| Vibration resistance                  | 5 gn 2...500 Hz)IEC 60068-2-6   |
| Shock resistance                      | 50 gn 11 ms) half sine wave acceleration IEC 60068-2-27   |
| Electromagnetic compatibility         | Disturbing field emissionclass B EN 55011   |

## Ordering and shipping details

|                       |                               |
|-----------------------|-------------------------------|
| Category              | 22464 - PUSHBUTTONS, XB7-22MM |
| Discount Schedule     | CS2                           |
| GTIN                  | 03389110839722                |
| Nbr. of units in pkg. | 1                             |
| Package weight(Lbs)   | 0.63 Oz (18 g)                |
| Returnability         | Yes                           |
| Country of origin     | ID                            |

## Packing Units

|                              |                        |
|------------------------------|------------------------|
| Unit Type of Package 1       | PCE                    |
| Package 1 Height             | 1.97 ln (5 cm)         |
| Package 1 width              | 5.51 ln (14 cm)        |
| Package 1 Length             | 6.30 ln (16 cm)        |
| Unit Type of Package 2       | BAG                    |
| Number of Units in Package 2 | 10                     |
| Package 2 Weight             | 6.63 Oz (188 g)        |
| Package 2 Height             | 1.97 ln (5 cm)         |
| Package 2 width              | 6.30 ln (16 cm)        |
| Package 2 Length             | 5.51 ln (14 cm)        |
| Unit Type of Package 3       | S01                    |
| Number of Units in Package 3 | 100                    |
| Package 3 Weight             | 4.64 Lb(US) (2.105 kg) |
| Package 3 Height             | 5.91 ln (15 cm)        |
| Package 3 width              | 5.91 ln (15 cm)        |
| Package 3 Length             | 15.75 ln (40 cm)       |

## Offer Sustainability

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

## Contractual warranty

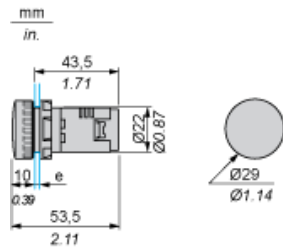
|          |           |
|----------|-----------|
| Warranty | 18 months |
|----------|-----------|

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Pilot Light with Screw Terminal

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Dimensions



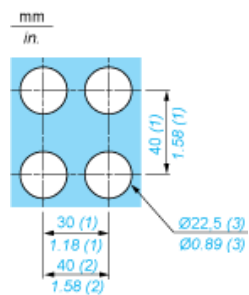
e Support panel thickness: 1 to 6 mm/0.4 to 0.24 in. (metal), 2 to 6 mm/0.8 to 0.24 in. (plastic).

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## Mounting

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### Diameter of Finished Fixing Holes

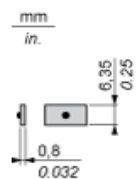


- (1) Minimum value.
- (2) 40 mm/1.58 in. for Emergency switching off pushbutton only.
- (3) Standard value: Ø 22.3 (0; + 0.4) mm/Ø 0.88 (0; + 0.02) in.

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## Faston Clip Connection

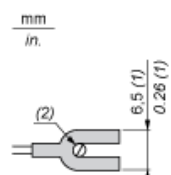
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## “U” Type Tag Connection

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

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Wiring Diagram

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(1) LED

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|---|
| Product Life Status : <b>Commercialised</b> |
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