



## 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   | Orange              |
| 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 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                     | JIS C8201-5-1<br>CSA C22.2 No 14<br>UL 508<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                  | 3389119021906                 |
| 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       | 2.36 in (6 cm)  |
| Package 1 width        | 3.94 in (10 cm) |
| Package 1 Length       | 5.91 in (15 cm) |

## Offer Sustainability

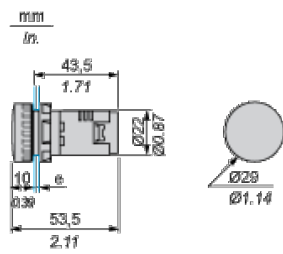
|                            |   |
|----------------------------|---|
| Sustainable offer status   | Green Premium product   |
| California proposition 65  | WARNING: This product can expose you to chemicals including: Lead and lead compounds, which is known to the State of California to cause cancer and birth defects or other reproductive harm. For more information go to <a href="http://www.P65Warnings.ca.gov">www.P65Warnings.ca.gov</a> |
| REACH Regulation           | <a href="#">REACH Declaration</a>   |
| REACH 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 |
|----------|-----------|

Pilot Light with Screw Terminal

Dimensions



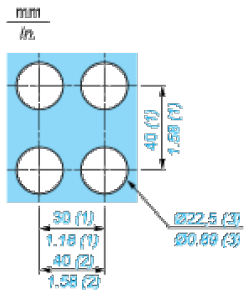
e Support panel thickness: 1 to 6 mm/0.4 to 0.24 in. (metal), 2 to 6 mm/0.8 to 0.24 in. (plastic).

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## Mounting

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### Diameter of Finished Fixing Holes

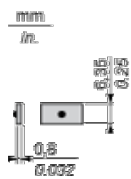


- (1) Minimum value.
- (2) 40 mm/1.58 in. for Emergency switching off pushbutton only.
- (3) Standard value: Ø 22.3 (0; + 0.4) mm/Ø 0.88 (0; + 0.02) in.

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## Faston Clip Connection

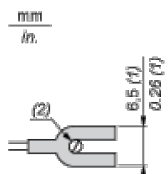
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## “U” Type Tag Connection

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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