

# XB7EV05BP

round pilot light Ø 22 - yellow - integral LED -  
24 V - screw clamp terminals

Product availability: Stock - Normally stocked in distribution facility



## 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   | Yellow               |
| 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                                                                                                                                                                                                                                                                        |
| Product weight                         | 0.04 lb(US) (0.02 kg)                                                                                                                                                                                                                                                            |
| Device mounting                        | Fixing hole: Ø 0.89 in (22.5 mm) (22.3 +0.4/0) conforming to EN/IEC 60947-5-1                                                                                                                                                                                                    |
| Fixing center                          | >= 30 x 40 mm on support panel, metal, thickness: 0.04...0.24 in (1...6 mm)<br>>= 30 x 40 mm on support panel, plastic, thickness: 0.08...0.24 in (2...6 mm)                                                                                                                     |
| Fixing mode                            | Fixing nut beneath head recommended torque: 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                      | 7.08...10.62 lbf.in (0.8...1.2 N.m) conforming to EN 60947-1                                                                                                                                                                                                                     |
| Shape of screw head                    | Cross head compatible with JIS No 1 screwdriver<br>Cross head compatible with Philips no 1 screwdriver<br>Cross head compatible with pozidriv No 1 screwdriver<br>Slotted head compatible with flat Ø 4 mm screwdriver<br>Slotted head compatible with flat Ø 5.5 mm screwdriver |
| [Ui] rated insulation voltage          | 250 V (degree of pollution: 3) conforming to EN/IEC 60947-1                                                                                                                                                                                                                      |
| [Uimp] rated impulse withstand voltage | 6 kV conforming to 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                                                                                                                                                                                                                                               |

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## 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 (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 60947-1<br>EN/IEC 60947-5-1<br>JIS C 4520<br>UL 508<br>CSA C22.2 No 14         |
| Vibration resistance                  | 5 gn (f = 2...500 Hz) conforming to IEC 60068-2-6                                     |
| Shock resistance                      | 50 gn (duration = 11 ms) half sine wave acceleration conforming to IEC 60068-2-27     |
| Electromagnetic compatibility         | Disturbing field emission, class B conforming to EN 55011                             |

## Ordering and shipping details

|                       |                               |
|-----------------------|-------------------------------|
| Category              | 22464 - PUSHBUTTONS, XB7-22MM |
| Discount Schedule     | CS2                           |
| GTIN                  | 00785901588498                |
| Nbr. of units in pkg. | 10                            |
| Package weight(Lbs)   | 5.0000000000000003E-2         |
| Returnability         | Y                             |
| Country of origin     | ID                            |

## Offer Sustainability

|                           |                                                                                                                                  |
|---------------------------|----------------------------------------------------------------------------------------------------------------------------------|
| California proposition 65 | WARNING: This product can expose you to chemicals including:                                                                     |
| ----- Substance 1         | Lead and lead compounds, which is known to the State of California to cause cancer and birth defects or other reproductive harm. |
| ----- More information    | For more information go to <a href="http://www.p65warnings.ca.gov">www.p65warnings.ca.gov</a>                                    |

## Contractual warranty

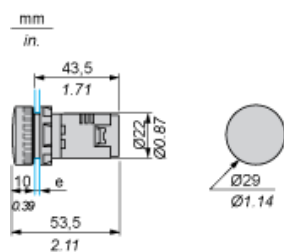
|                 |           |
|-----------------|-----------|
| Warranty period | 18 months |
|-----------------|-----------|

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Pilot Light with Screw Terminal

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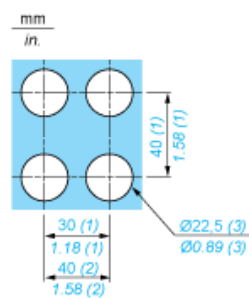
Dimensions



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).

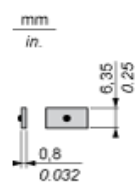
## Mounting

### Diameter of Finished Fixing Holes

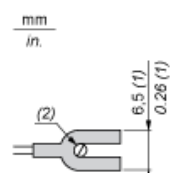


- (1) Minimum value.
- (2) 40 mm/1.58 in. for Emergency switching off pushbutton only.
- (3) Standard value: Ø 22.3 (0; + 0.4) mm/Ø 0.88 (0; + 0.02) in.

### Faston Clip Connection



### “U” Type Tag Connection

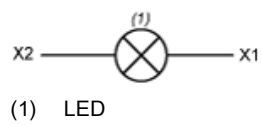


- (1) 6.5 mm/0.26 in. recommended, 7 mm/0.28 in. max.
- (2) M3 screw clamp terminal.

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Wiring Diagram

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