



## 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   | Clear                   |
| Light source                  | LED                     |
| Bulb base                     | Integral LED            |
| [Us] rated supply voltage     | 230...240 V AC 50/60 Hz |
| Device presentation           | Monolithic product      |

## Complementary

|                                        |                                                                                                                                                       |
|----------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------|
| Maximum Height                         | 1.14 in (29 mm)                                                                                                                                       |
| Maximum Width                          | 1.14 in (29 mm)                                                                                                                                       |
| Maximum 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 mm² with cable end EN/IEC 60947-1<br>Screw clamp terminals, 1 x 0.22...2 x 2.5 mm² 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                  | 195...264 V AC                                                                                                                                        |
| Current consumption                    | 16...20 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...131 °F (-25...55 °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>EN/IEC 60947-1<br>UL 508<br>EN/IEC 60947-5-1<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                  | 00785901342137                |
| Nbr. of units in pkg. | 10                            |
| Package weight(Lbs)   | 0.05 lb(US) (0.02 kg)         |
| Returnability         | No                            |
| Country of origin     | ID                            |

### Packing Units

|                  |          |
|------------------|----------|
| Package 1 Height | 0.550 dm |
| Package 1 width  | 0.300 dm |
| Package 1 Length | 0.300 dm |

### Offer Sustainability

|                            |                                                                                                                              |
|----------------------------|------------------------------------------------------------------------------------------------------------------------------|
| Sustainable offer status   | Green Premium product                                                                                                        |
| 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

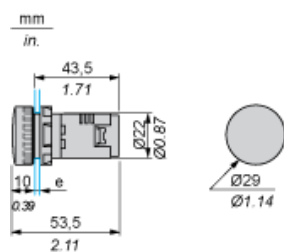
|          |           |
|----------|-----------|
| Warranty | 18 months |
|----------|-----------|

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Pilot Light with Screw Terminal

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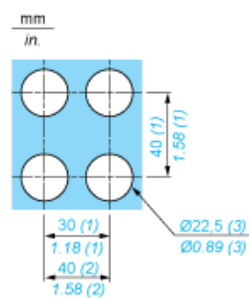
Dimensions



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).

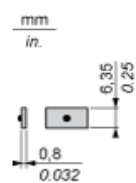
## Mounting

### Diameter of Finished Fixing Holes

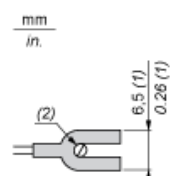


- (1) Minimum value.
- (2) 40 mm/1.58 in. for Emergency switching off pushbutton only.
- (3) Standard value: Ø 22.3 (0; + 0.4) mm/Ø 0.88 (0; + 0.02) in.

### 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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