

Product availability: Non-Stock - Not 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     | Green                    |
| Operator additional information | With plain lens          |
| Light source                    | LED                      |
| Bulb base                       | Integral LED             |
| [Us] rated supply voltage       | 230...240 V AC, 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                | Faston connectors(1 x 6.35 mm) conforming to EN/IEC 60947-1<br>Faston connectors(2 x 2.8 mm) conforming to EN/IEC 60947-1                                    |
| [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                  | 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...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                  | 00785901540250                |
| Nbr. of units in pkg. | 10                            |
| Package weight(Lbs)   | 4.0000000000000001E-2         |
| Returnability         | N                             |
| 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

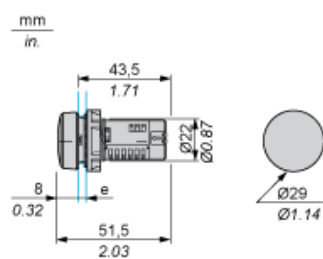
|                 |           |
|-----------------|-----------|
| Warranty period | 18 months |
|-----------------|-----------|

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Pilot Light with Faston 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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# Mouser Electronics

Authorized Distributor

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