



## Main

|                                 |                                  |
|---------------------------------|----------------------------------|
| Range of product                | Harmony XB7                      |
| Product or component type       | Pilot light                      |
| Device short name               | XB7                              |
| Mounting diameter               | 22 mm                            |
| Sale per indivisible quantity   | 10                               |
| Operator additional information | With plain lens                  |
| Light source                    | Incandescent (bulb not included) |
| Device presentation             | Monolithic product               |

## Complementary

|  |   |
|--|---|
| Height                                 | 29 mm   |
| Width                                  | 29 mm   |
| Depth                                  | 54 mm   |
| Terminals description ISO n°1          | (X1-X2)PL   |
| Net weight                             | 0.018 kg  |
| Overvoltage category                   | Class II conforming to IEC 60536  |
| Device mounting                        | Fixing hole - diameter: 22.5 mm 22.3 +0.4/0 conforming to EN/IEC 60947-5-1  |
| Fixing center                          | >= 30 x 40 mm (support panel) metal - thickness: 1...6 mm<br>>= 30 x 40 mm (support panel) plastic - thickness: 2...6 mm  |
| Fixing mode                            | Fixing nut beneath head: 2...2.4 N.m  |
| Shape of signaling unit head           | Round   |
| Cap/operator or lens colour            | Red   |
| Connections - terminals                | Faston connectors, connection size: 6.35 x 0.8 mm conforming to EN/IEC 60947-1<br>Forked type tag connectors, connection size: 6.5 mm conforming to EN/IEC 60947-1<br>Screw clamp terminals, <= 2 x 1.5 mm <sup>2</sup> with cable end conforming to EN/IEC 60947-1<br>Screw clamp terminals, 1 x 0.22...2 x 2.5 mm <sup>2</sup> without cable end conforming to EN/IEC 60947-1 |
| Tightening torque                      | 0.8...1.2 N.m conforming to EN 60947-1  |
| Shape of screw head                    | Cross compatible with JIS No 1 screwdriver<br>Cross compatible with Philips no 1 screwdriver<br>Cross compatible with pozidriv No 1 screwdriver<br>Slotted compatible with flat Ø 4 mm screwdriver<br>Slotted compatible with flat Ø 5.5 mm screwdriver   |
| [Ui] rated insulation voltage          | 250 V (pollution degree 3) conforming to EN/IEC 60947-1   |
| [Uimp] rated impulse withstand voltage | 6 kV conforming to EN/IEC 60947-1   |
| Signalling type                        | Steady  |
| Bulb base                              | BA 9s   |
| Light block supply                     | Direct  |
| [Us] rated supply voltage              | <= 250 V  |
| Compatibility code                     | XB7   |

## Environment

|                                       |   |
|---------------------------------------|---|
| Protective treatment                  | TH  |
| Ambient air temperature for storage   | -40...70 °C   |
| Ambient air temperature for operation | -25...55 °C   |
| IP degree of protection               | IP20 (rear face) conforming to IEC 60529<br>IP54 (front face) conforming to IEC 60529           |
| NEMA degree of protection             | NEMA 12   |
| Standards                             | EN/IEC 60947-5-1<br>EN/IEC 60947-1<br>JIS C8201-5-1<br>CSA C22.2 No 14<br>UL 508<br>JIS C8201-1 |
| Vibration resistance                  | 5 gn (f= 2...500 Hz) conforming to IEC 60068-2-6  |
| Shock resistance                      | 50 gn (duration = 11 ms) for half sine wave acceleration conforming to IEC 60068-2-27           |
| Electromagnetic compatibility         | Disturbing field emission class B conforming to EN 55011  |

## Packing Units

|                              |          |
|------------------------------|----------|
| Unit Type of Package 1       | PCE      |
| Number of Units in Package 1 | 1        |
| Package 1 Height             | 3 cm     |
| Package 1 Width              | 3 cm     |
| Package 1 Length             | 5.2 cm   |
| Package 1 Weight             | 17 g     |
| Unit Type of Package 2       | BAG      |
| Number of Units in Package 2 | 10       |
| Package 2 Height             | 5 cm     |
| Package 2 Width              | 10 cm    |
| Package 2 Length             | 15 cm    |
| Package 2 Weight             | 174 g    |
| Unit Type of Package 3       | S01      |
| Number of Units in Package 3 | 100      |
| Package 3 Height             | 15 cm    |
| Package 3 Width              | 15 cm    |
| Package 3 Length             | 40 cm    |
| Package 3 Weight             | 2.056 kg |

## Offer Sustainability

|                            |   |
|----------------------------|---|
| Sustainable offer status   | Green Premium product   |
| 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   |
| China RoHS Regulation      | <a href="#">China RoHS Declaration</a>  |
| RoHS exemption information | <a href="#">Yes</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).

---

## 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.

---

Wiring Diagram

---



(1) bulb BA 9s