

# XB7EV68P

Harmony XB7, Monolithic pilot light, plastic, orange, Ø22, plain lens for BA9s bulb, <= 250 V



## 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 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            | Orange  |
| Connections - terminals                | Faston connectors, connection size: 6.35 x 0.8 mm conforming to IEC 60947-1<br>Forked type tag connectors, connection size: 6.5 mm conforming to IEC 60947-1<br>Screw clamp terminals, <= 2 x 1.5 mm <sup>2</sup> with cable end conforming to IEC 60947-1<br>Screw clamp terminals, 1 x 0.22...2 x 2.5 mm <sup>2</sup> without cable end conforming to IEC 60947-1 |
| Tightening torque                      | 0.8...1.2 N.m conforming to IEC 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 IEC 60947-1  |
| [Uimp] rated impulse withstand voltage | 6 kV conforming to IEC 60947-1  |
| Signalling type                        | Steady  |
| Bulb base                              | BA 9s   |
| Light block supply                     | Direct  |
| [Us] rated supply voltage              | <= 250 V  |
| Compatibility code                     | XB7   |

The information provided in this documentation contains general descriptions and/or technical characteristics of the performance of the products contained herein. This documentation is not intended as a substitute for and is not to be used for determining suitability or reliability of these products for specific user applications. It is the duty of any such user or integrator to perform the appropriate and complete risk analysis, evaluation and testing of the products with respect to the relevant specific application or use thereof. Neither Schneider Electric Industries SAS nor any of its affiliates or subsidiaries shall be responsible or liable for misuse of the information contained herein.

## 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                             | CSA C22.2 No 14<br>IEC 60947-1<br>IEC 60947-5-1<br>UL 508<br>JIS C8201-5-1<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 IEC 55011                                 |

## Packing Units

|                              |       |
|------------------------------|-------|
| Unit Type of Package 1       | PCE   |
| Number of Units in Package 1 | 1     |
| Package 1 Height             | 3 cm  |
| Package 1 Width              | 16 cm |
| Package 1 Length             | 16 cm |
| Package 1 Weight             | 17 g  |

## 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).

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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:  $\varnothing 22.3$  (0; + 0.4) mm/ $\varnothing 0.88$  (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) bulb BA 9s