Product data sheet Characteristics

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

| 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: 16 mm >= 30 x 40 mm (support panel) plastic - thickness: 26 mm | |
| Fixing mode | Fixing nut beneath head: 22.4 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 EN/IEC 60947-1 Forked type tag connectors, connection size: 6.5 mm conforming- to EN/IEC 60947-1 Screw clamp terminals, <= 2 x 1.5 mm² with cable end conforming- to EN/IEC 60947-1 Screw clamp terminals, 1 x 0.222 x 2.5 mm² without cable end conforming- to EN/IEC 60947-1 | |
| Tightening torque | 0.81.2 N.M conforming to EN 60947-1 | |
| Shape of screw head | Cross compatible with JIS No 1 screwdriver Cross compatible with Philips no 1 screwdriver Cross compatible with pozidriv No 1 screwdriver Slotted compatible with flat Ø 4 mm screwdriver 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 | |

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 inherended as a substitute for and is not to be used for determining suitability or reliability of these products by specific base applications. It is the dourn arise 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.

| 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 | -4070 °C | |
| Ambient air temperature for operation | -2555 °C | |
| IP degree of protection | IP20 (rear face) conforming to IEC 60529 IP54 (front face) conforming to IEC 60529 | |
| NEMA degree of protection | NEMA 12 | |
| Standards | CSA C22.2 No 14 EN/IEC 60947-1 EN/IEC 60947-5-1 UL 508 JIS C8201-5-1 JIS C8201-1 | |
| Vibration resistance | 5 gn (f= 2500 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

| 3 - 3 | |
|------------------------------|--------|
| Unit Type of Package 1 | PCE |
| Number of Units in Package 1 | 1 |
| Package 1 Weight | 17 G |
| Package 1 Height | 3 Cm |
| Package 1 width | 16 Cm |
| Package 1 Length | 16 Cm |
| Unit Type of Package 2 | BAG |
| Number of Units in Package 2 | 10 |
| Package 2 Weight | 176 G |
| Package 2 Height | 3 Cm |
| Package 2 width | 16 Cm |
| Package 2 Length | 16 Cm |
| Unit Type of Package 3 | CAR |
| Number of Units in Package 3 | 10 |
| Package 3 Weight | 176 G |
| Package 3 Height | 5.3 Cm |
| Package 3 width | 3 Cm |
| Package 3 Length | 3 Cm |
| | |

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) |
| Toxic heavy metal free | Yes |
| Mercury free | Yes |
| RoHS exemption information | ₽¥Yes |
| China RoHS Regulation | China RoHS Declaration |
| Environmental Disclosure | Product Environmental Profile |
| | |



| Circularity Profile | End Of Life Information |
|----------------------|---|
| 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 |

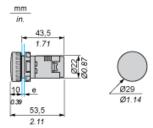


Product data sheet Dimensions Drawings

XB7EV68P

Pilot Light with Screw Terminal

Dimensions



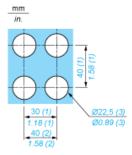
e Support panel thickness: 1 to 6 mm/0.4 to 0.24 in. (metal), 2 to 6 mm/0.8 to 0.24 in. (plastic).

Product data sheet Mounting and Clearance

XB7EV68P

Mounting

Diameter of Finished Fixing Holes



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

Faston Clip Connection



"U" Type Tag Connection

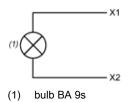


- 6.5 mm/0.26 in. recommended, 7 mm/0.28 in. max.
- M3 screw clamp terminal.

Product data sheet Connections and Schema

XB7EV68P

Wiring Diagram



Product Life Status :

Commercialised