



# Monolithic pilot light, plastic, red, Ø22, integral LED, 24 V AC/DC

XB7EV04BP

#### Main

| Range of product              | Harmony XB7                      |  |
|-------------------------------|----------------------------------|--|
| Product or component type     | Pilot light                      |  |
| Device short name             | nort name XB7                    |  |
| Mounting diameter 22 mm       |                                  |  |
| Sale per indivisible quantity | 10                               |  |
| Shape of signaling unit head  | head Round                       |  |
| Cap/operator or lens colour   | Red                              |  |
| Light source                  | LED                              |  |
| Bulb base                     | Integral LED                     |  |
| [Us] rated supply voltage     | pply voltage 24 V AC/DC 50/60 Hz |  |
| Device presentation           | Monolithic product               |  |

# Complementary

| Height                                 | 29 mm   |  |
|--|---|--|
| Width                                  | 29 mm   |  |
| Depth                                  | 54 mm   |  |
| Terminals description ISO n°1          | (X1-X2)PL   |  |
| Net weight                             | 0.02 kg   |  |
| 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: 16 mm<br>>= 30 x 40 mm (support panel) plastic - thickness: 26 mm  |  |
| Fixing mode                            | node Fixing nut beneath head: 22.4 N.m  |  |
| Connections - terminals                | Screw clamp terminals, <= 2 x 1.5 mm² with cable end conforming to IEC 60947-1 Screw clamp terminals, 1 x 0.222 x 2.5 mm² without cable end conforming to IEC 60947-1   |  |
| Tightening torque                      | 0.81.2 N.m conforming to IEC 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 IEC 60947-1  |  |
| [Uimp] rated impulse withstand voltage | 6 kV conforming to IEC 60947-1  |  |
|  |   |  |

Excluding VAT, FCA Jabal Ali & are subject to change – check with your local distributor.

| Supply voltage limits | 19.230 V DC<br>21.626.4 V AC       |  |
|-----------------------|------------------------------------|--|
| Current consumption   | 2027 mA                            |  |
| Service life          | 70000 h at rated voltage and 25 °C |  |

#### **Environment**

| Protective treatment                  | treatment TH   |  |
|---------------------------------------|--|--|
| Ambient air temperature for storage   | -4070 °C   |  |
| Ambient air temperature for operation | -2570 °C   |  |
| Overvoltage category                  | Class II conforming to IEC 60536   |  |
| IP degree of protection               | IP20 (rear face) conforming to IEC 60529 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                             | JIS C8201-5-1<br>UL 508<br>IEC 60947-5-1<br>CSA C22.2 No 14<br>IEC 60947-1<br>JIS C8201-1          |  |
| Vibration resistance                  | 5 gn (f= 2500 Hz) conforming to IEC 60068-2-6  |  |
| Shock resistance                      | k 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             | 3.000 cm                    |  |
| Package 1 Width              | 3.000 cm                    |  |
| Package 1 Length             | 5.200 cm                    |  |
| Package 1 Weight             | 18.000 g                    |  |
| Unit Type of Package 2       | BB1                         |  |
| Number of Units in Package 2 | er of Units in Package 2 10 |  |
| Package 2 Height             | 4.000 cm                    |  |
| Package 2 Width              | 13.000 cm                   |  |
| Package 2 Length             | 17.500 cm                   |  |
| Package 2 Weight             | 184.000 g                   |  |
| Unit Type of Package 3       | S01                         |  |
| Number of Units in Package 3 | 100                         |  |
| Package 3 Height             | 15.000 cm                   |  |
| Package 3 Width              | 3 Width 15.000 cm           |  |
| Package 3 Length             | 40.000 cm                   |  |
| Package 3 Weight             | 2.156 kg                    |  |

# **Contractual warranty**

Warranty

18 months



**Green Premium<sup>TM</sup> label** is Schneider Electric's commitment to delivering products with best-inclass environmental performance. Green Premium promises compliance with the latest regulations, transparency on environmental impacts, as well as circular and low-CO<sub>2</sub> products.

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Learn more about Green Premium >

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Transparency RoHS/REACh

#### Well-being performance

| <b>⊘</b> | Reach Free Of Svhc         |     |
|----------|----------------------------|-----|
| <b>⊘</b> | Toxic Heavy Metal Free     |     |
| <b>⊘</b> | Mercury Free               |     |
| <b>⊘</b> | Rohs Exemption Information | Yes |

#### **Certifications & Standards**

| Reach Regulation         | REACh Declaration   |
|--------------------------|---|
| Eu Rohs Directive        | Pro-active compliance (Product out of EU RoHS legal scope)  EU RoHS Declaration   |
| China Rohs Regulation    | China RoHS declaration  |
| Environmental Disclosure | Product Environmental Profile   |
| Weee                     | The product must be disposed on European Union markets following specific waste collection and never end up in rubbish bins |
| Circularity Profile      | End of Life Information   |

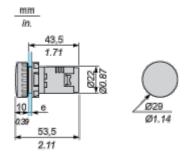
7 Nov 2024

#### XB7EV04BP

**Dimensions Drawings** 

#### Pilot Light with Screw Terminal

#### **Dimensions**



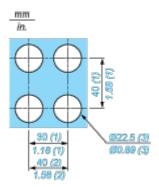
e Support panel thickness: 1 to 6 mm/0.4 to 0.24 in. (metal), 2 to 6 mm/0.8 to 0.24 in. (plastic).

#### XB7EV04BP

Mounting and Clearance

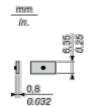
#### Mounting

#### **Diameter of Finished Fixing Holes**

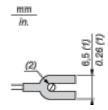


- (1) Minimum value.
- (2) 40 mm/1.58 in. for Emergency switching off pushbutton only.
- (3) Standard value: Ø 22.3 (0; + 0.4) mm/Ø 0.88 (0; + 0.02) in.

#### **Faston Clip Connection**



## "U" Type Tag Connection



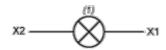
- (1) 6.5 mm/0.26 in. recommended, 7 mm/0.28 in. max.
- (2) M3 screw clamp terminal.

# **Product datasheet**

## XB7EV04BP

Connections and Schema

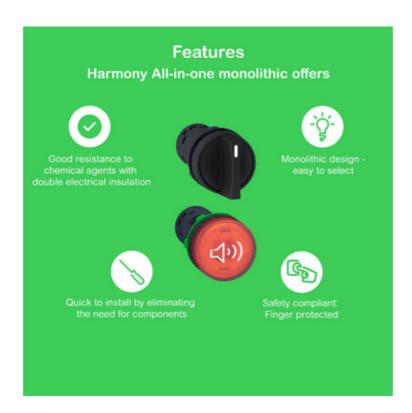
#### Wiring Diagram



(1) LED

Offer Marketing Illustration

#### **Product benefits / Features**



Offer Marketing Illustration

#### **Product benefits / Features**

#### **Technical Benefits**

#### Harmony All-in-one monolithic offers



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Image of product / Alternate images

#### **Alternative**









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