

# XB4BVB6

Pilot light, metal, blue, Ø22, plain lens with integral LED, 24 V AC/DC



## Main

|                                 |                       |
|---------------------------------|-----------------------|
| Range of product                | Harmony XB4           |
| Product or component type       | Pilot light           |
| Device short name               | XB4                   |
| Bezel material                  | Chromium plated metal |
| Fixing collar material          | Zamak                 |
| Mounting diameter               | 22 mm                 |
| Head type                       | Standard              |
| Sale per indivisible quantity   | 1                     |
| Shape of signaling unit head    | Round                 |
| Cap/Operator or lens colour     | Blue                  |
| Operator additional information | With plain lens       |
| Light source                    | Protected LED         |
| Bulb base                       | Integral LED          |
| Light source colour             | Blue                  |
| [Us] rated supply voltage       | 24 V AC/DC 50/60 Hz   |

## Complementary

|                                    |                                                                                                                                                                                   |
|------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Height                             | 47 mm                                                                                                                                                                             |
| Width                              | 30 mm                                                                                                                                                                             |
| Depth                              | 54 mm                                                                                                                                                                             |
| Terminals description ISO n°1      | (X1-X2)PL                                                                                                                                                                         |
| Net weight                         | 0.08 kg                                                                                                                                                                           |
| Resistance to high pressure washer | 7000000 Pa at 55 °C, distance : 0.1 m                                                                                                                                             |
| Connections - terminals            | Screw clamp terminals, <= 2 x 1.5 mm² with cable end conforming to EN/IEC 60947-1<br>Screw clamp terminals, 1 x 0.22...2 x 2.5 mm² without cable end conforming to EN/IEC 60947-1 |
| [Ui] rated insulation voltage      | 250 V (pollution degree 3) conforming to EN 60947-1                                                                                                                               |

|                                        |                                     |
|----------------------------------------|-------------------------------------|
| [Uimp] rated impulse withstand voltage | EN 60947-1 4 kV                     |
| Signalling type                        | Steady                              |
| Current consumption                    | 18 mA                               |
| Service life                           | 100000 h at rated voltage and 25 °C |
| Surge withstand                        | 1 kV conforming to IEC 61000-4-5    |
| Device presentation                    | Complete product                    |
| Supply voltage limits                  | 19.2...30 V DC<br>21.6...26.4 V AC  |

## Environment

|                                       |                                                                                                                                                                                |
|---------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Protective treatment                  | TH                                                                                                                                                                             |
| Ambient air temperature for storage   | -40...70 °C                                                                                                                                                                    |
| Ambient air temperature for operation | -40...70 °C                                                                                                                                                                    |
| Electrical shock protection class     | Class I conforming to IEC 60536                                                                                                                                                |
| IP degree of protection               | IP66 conforming to IEC 60529<br>IP67<br>IP69<br>IP69K                                                                                                                          |
| NEMA degree of protection             | NEMA 13<br>NEMA 4X                                                                                                                                                             |
| IK degree of protection               | IK06 conforming to IEC 50102                                                                                                                                                   |
| Standards                             | EN/IEC 60947-5-4<br>JIS C8201-5-1<br>EN/IEC 60947-1<br>EN/IEC 60947-5-5<br>CSA C22.2 No 14<br>UL 508<br>EN/IEC 60947-5-1<br>JIS C8201-1                                        |
| Product certifications                | UL listed<br>CSA                                                                                                                                                               |
| Vibration resistance                  | 5 gn (f= 12...500 Hz) conforming to IEC 60068-2-6                                                                                                                              |
| Shock resistance                      | 30 gn (duration = 18 ms) for half sine wave acceleration conforming to IEC 60068-2-27<br>50 gn (duration = 11 ms) for half sine wave acceleration conforming to IEC 60068-2-27 |
| Resistance to fast transients         | 2 kV conforming to IEC 61000-4-4                                                                                                                                               |
| Resistance to electromagnetic fields  | 10 V/m conforming to IEC 61000-4-3                                                                                                                                             |
| Resistance to electrostatic discharge | 6 kV on contact (on metal parts) conforming to IEC 61000-4-2<br>8 kV in free air (in insulating parts) conforming to IEC 61000-4-2                                             |
| Electromagnetic emission              | Class B conforming to IEC 55011                                                                                                                                                |

## Packing Units

|                              |           |
|------------------------------|-----------|
| Unit Type of Package 1       | PCE       |
| Number of Units in Package 1 | 1         |
| Package 1 Weight             | 80 g      |
| Package 1 Height             | 3.4 cm    |
| Package 1 width              | 5.4 cm    |
| Package 1 Length             | 8.8 cm    |
| Unit Type of Package 2       | BB1       |
| Number of Units in Package 2 | 5         |
| Package 2 Weight             | 1.4 kg    |
| Package 2 Height             | 3.4 cm    |
| Package 2 width              | 8.8 cm    |
| Package 2 Length             | 26.5 cm   |
| Unit Type of Package 3       | S03       |
| Number of Units in Package 3 | 150       |
| Package 3 Weight             | 12.514 kg |
| Package 3 Height             | 30 cm     |

|                  |       |
|------------------|-------|
| Package 3 width  | 30 cm |
| Package 3 Length | 40 cm |

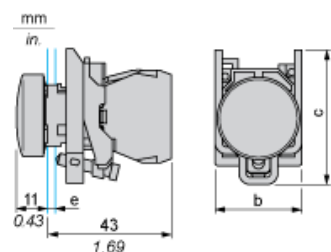
### Offer Sustainability

|                            |                                                                                                                             |
|----------------------------|-----------------------------------------------------------------------------------------------------------------------------|
| 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)<br><a href="#">EU RoHS Declaration</a>                           |
| Mercury free               | Yes                                                                                                                         |
| RoHS exemption information | <a href="#">Yes</a>                                                                                                         |
| China RoHS Regulation      | <a href="#">China RoHS declaration</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 |
|----------|-----------|

## Dimensions



- e : clamping thickness: 1 to 6 mm / 0.04 to 0.24 in.  
b : 30 mm / 1.18 in.  
c : 46.5 mm / 1.83 in.

Panel Cut-out for Pushbuttons, Switches and Pilot Lights (Finished Holes, Ready for Installation)

| Connection by Screw Clamp Terminals or Plug-in Connectors or on Printed Circuit Board                                                                                                                                                                                                                                                                                                                                           | Connection by Faston Connectors |
|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------|
|                                                                                                                                                                                                                                                                                                                                                                                                                                 |                                 |
| <div><div>(1)</div><div>Diameter on finished panel or support</div><div>(2)</div><div>40 mm min. / 1.57 in. min.</div><div>(3)</div><div>30 mm min. / 1.18 in. min.</div><div>(4)</div><div>Ø 22.5 mm / 0.89 in. recommended (Ø 22.3 mm <sub>0</sub><sup>+0.4</sup> / 0.88 in. <sub>0</sub><sup>+0.016</sup>)</div><div>(5)</div><div>45 mm min. / 1.78 in. min.</div><div>(6)</div><div>32 mm min. / 1.26 in. min.</div></div> |                                 |