

# XB4BVG5

orange complete pilot light Ø22 plain lens with  
integral LED 110...120V



## Main

|                                 |                          |
|---------------------------------|--------------------------|
| Range of product                | Harmony XB4              |
| Product or component type       | Complete pilot light     |
| Device short name               | XB4                      |
| Bezel material                  | Chromium plated metal    |
| Fixing collar material          | Zamak                    |
| Mounting diameter               | 22 mm                    |
| Sale per indivisible quantity   | 1                        |
| Shape of signaling unit head    | Round                    |
| Cap/Operator or lens colour     | Orange                   |
| Operator additional information | With plain lens          |
| Light source                    | Protected LED            |
| Bulb base                       | Integral LED             |
| Light source colour             | Orange                   |
| [Us] rated supply voltage       | 110...120 V AC, 50/60 Hz |

## Complementary

|                                        |                                                                                                                                                                                                                            |
|----------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Height                                 | 47 mm                                                                                                                                                                                                                      |
| Width                                  | 30 mm                                                                                                                                                                                                                      |
| Depth                                  | 54 mm                                                                                                                                                                                                                      |
| Terminals description ISO n°1          | (X1-X2)PL                                                                                                                                                                                                                  |
| Product weight                         | 0.08 kg                                                                                                                                                                                                                    |
| Resistance to high pressure washer     | 7000000 Pa at 55 °C, distance: 0.1 m                                                                                                                                                                                       |
| Connections - terminals                | Screw clamp terminals : $\leq 2 \times 1.5 \text{ mm}^2$ with cable end conforming to EN/IEC 60947-1<br>Screw clamp terminals : $1 \times 0.22...2 \times 2.5 \text{ mm}^2$ without cable end conforming to EN/IEC 60947-1 |
| [Ui] rated insulation voltage          | 250 V (degree of pollution: 3) conforming to EN 60947-1                                                                                                                                                                    |
| [Uimp] rated impulse withstand voltage | 4 kV conforming to EN 60947-1                                                                                                                                                                                              |
| Signalling type                        | Steady                                                                                                                                                                                                                     |

|                       |                                     |
|-----------------------|-------------------------------------|
| Supply voltage limits | 100...132 V AC                      |
| Current consumption   | 14 mA                               |
| Service life          | 100000 h at rated voltage and 25 °C |
| Surge withstand       | 1 kV conforming to IEC 61000-4-5    |

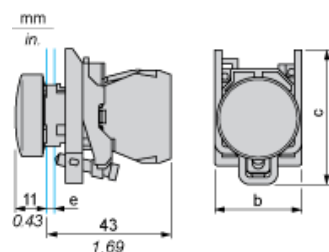
## Environment

|                                            |                                                                                                                                                                                |
|--------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Protective treatment                       | TH                                                                                                                                                                             |
| Ambient air temperature for storage        | -40...70 °C                                                                                                                                                                    |
| Ambient air temperature for operation      | -40...70 °C                                                                                                                                                                    |
| Class of protection against electric shock | Class I conforming to IEC 60536                                                                                                                                                |
| IP degree of protection                    | IP69<br>IP67<br>IP66 conforming to IEC 60529<br>IP69K                                                                                                                          |
| NEMA degree of protection                  | NEMA 13<br>NEMA 4X                                                                                                                                                             |
| IK degree of protection                    | IK06 conforming to IEC 50102                                                                                                                                                   |
| Standards                                  | EN/IEC 60947-5-1<br>JIS C 4520<br>CSA C22.2 No 14<br>EN/IEC 60947-1<br>EN/IEC 60947-5-4<br>EN/IEC 60947-5-5<br>UL 508                                                          |
| Product certifications                     | CSA<br>UL listed                                                                                                                                                               |
| 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                                                                                                                                                |

## Contractual warranty

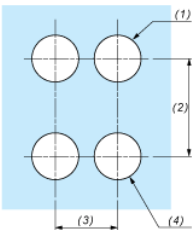
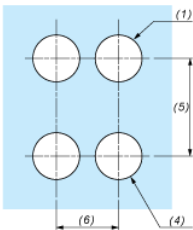
|                 |           |
|-----------------|-----------|
| Warranty period | 18 months |
|-----------------|-----------|

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