chanhvinh.com

# Product data sheet
## Characteristics

# XB4BV5B5
## orange complete pilot light Ø22 plain lens with integral LED 400V



### 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 |
| Head type | Standard |
| 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 block supply | Via transformer 1.2 VA 24 V |
| Light source colour | Orange |
| [Us] rated supply voltage | 400 V AC at 50 Hz |

### Complementary

| | |
|---|---|
| CAD overall width | 40 mm |
| CAD overall height | 47 mm |
| CAD overall depth | 90 mm |
| Net weight | 0.172 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 | 600 V (pollution degree 3) conforming to EN/IEC 60947-1 |
| Signalling type | Steady |
| 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 | 407…423 V AC |

### Environment

| | |
|---|---|
| Protective treatment | TH |
| Ambient air temperature for storage | -40…70 °C |
| Ambient air temperature for operation | -40…55 °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 |

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.

chanhvinh.com

| | |
|---|---|
| NEMA degree of protection | NEMA 13<br>NEMA 4X |
| IK degree of protection | IK06 conforming to IEC 50102 |
| Standards | UL 508<br>EN/IEC 60947-5-1<br>JIS C8201-5-1<br>EN/IEC 60947-5-4<br>CSA C22.2 No 14<br>EN/IEC 60947-1<br>EN/IEC 60947-5-5<br>JIS C8201-1 |
| Product certifications | UL listed<br>CSA |
| Vibration resistance | 2 gn (f= 12…500 Hz) conforming to IEC 60068-2-6 |
| Shock resistance | 15 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 |

## Offer Sustainability

| | |
|---|---|
| Sustainable offer status | Green Premium product |
| REACh Regulation | REACh Declaration |
| REACh free of SVHC | Yes |
| EU RoHS Directive | Pro-active compliance (Product out of EU RoHS legal scope) EU RoHS Declaration |
| 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 |

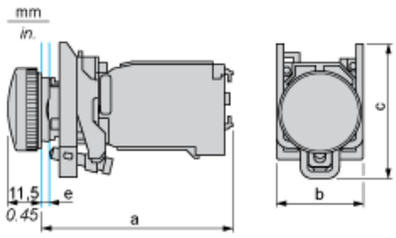
## Contractual warranty

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

# Product data sheet XB4BV5B5

## Dimensions Drawings

## Dimensions




e : clamping thickness: 1 to 6 mm / 0.04 to 0.24 in.

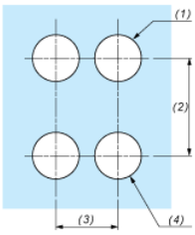
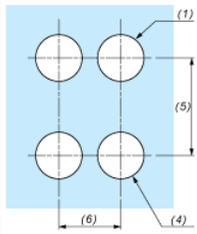
| a in mm | a in in. | b in mm | b in in. | c in mm | c in in. |
|---|---|---|---|---|---|
| 89.6 | 3.53 | 40 | 1.57 | 46.5 | 1.83 |

chanhvinh.com

# Product data sheet
## Mounting and Clearance

# XB4BV5B5

## 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 |
|---|---|
|  |  |

(1) Diameter on finished panel or support
(2) 40 mm min. / 1.57 in. min.
(3) 30 mm min. / 1.18 in. min.
(4) Ø 22.5 mm / 0.89 in. recommended (Ø 22.3 mm $_{0}^{+0.4}$ / 0.88 in. $_{0}^{+0.016}$)
(5) 45 mm min. / 1.78 in. min.
(6) 32 mm min. / 1.26 in. min.


Life Is On Schneider Electric