

# Product datasheet

Specifications



Pilot light, Harmony XB4,metal,  
white, 22mm, universal LED, plain  
lens, 230...240V AC

XB4BVM1

## 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               | 22.5 mm                 |
| Head type                       | Standard                |
| Sale per indivisible quantity   | 1                       |
| Shape of signaling unit head    | Round                   |
| Cap/operator or lens colour     | White                   |
| Operator additional information | With plain lens         |
| Light source                    | Universal LED           |
| Bulb base                       | Integral LED            |
| Light source colour             | White                   |
| [Us] rated supply voltage       | 230...240 V AC 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 IEC 60947-1<br>Screw clamp terminals, 1 x 0.22...2 x 2.5 mm² without cable end conforming to IEC 60947-1 |
| [Ui] rated insulation voltage          | 250 V (pollution degree 3) conforming to IEC 60947-1                                                                                                                        |
| [Uimp] rated impulse withstand voltage | 4 kV conforming to IEC 60947-1                                                                                                                                              |
| Signalling type                        | Steady                                                                                                                                                                      |
| Current consumption                    | 14 mA                                                                                                                                                                       |
| Service life                           | 100000 h at rated voltage and 25 °C                                                                                                                                         |
| Surge withstand                        | 1 kV conforming to IEC 61000-4-5                                                                                                                                            |

Disclaimer: 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

|                       |                  |
|-----------------------|------------------|
| Device presentation   | Complete product |
| Supply voltage limits | 195...264 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                             | CSA C22.2 No 14<br>IEC 60947-1<br>JIS C8201-5-1<br>IEC 60947-5-5<br>IEC 60947-5-1<br>UL 508<br>IEC 60947-5-4<br>JIS C8201-1                                                    |
| 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                                                                                                                                                |

## Packing Units

|                              |           |
|------------------------------|-----------|
| Unit Type of Package 1       | PCE       |
| Number of Units in Package 1 | 1         |
| Package 1 Height             | 8.800 cm  |
| Package 1 Width              | 3.400 cm  |
| Package 1 Length             | 5.400 cm  |
| Package 1 Weight             | 79.000 g  |
| Unit Type of Package 2       | S03       |
| Number of Units in Package 2 | 150       |
| Package 2 Height             | 30.000 cm |
| Package 2 Width              | 30.000 cm |
| Package 2 Length             | 40.000 cm |
| Package 2 Weight             | 12.240 kg |

|                              |            |
|------------------------------|------------|
| Unit Type of Package 3       | P06        |
| Number of Units in Package 3 | 1200       |
| Package 3 Height             | 75.000 cm  |
| Package 3 Width              | 60.000 cm  |
| Package 3 Length             | 80.000 cm  |
| Package 3 Weight             | 110.204 kg |

## Logistical informations

|                   |    |
|-------------------|----|
| Country of origin | FR |
|-------------------|----|

## Contractual warranty

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

Environmental Data

Schneider Electric aims to achieve Net Zero status by 2050 through supply chain partnerships, lower impact materials, and circularity via our ongoing “Use Better, Use Longer, Use Again” campaign to extend product lifetimes and recyclability.

[Environmental Data explained >](#)

[How we assess product sustainability >](#)

| Environmental footprint                               |                                               |
|-------------------------------------------------------|-----------------------------------------------|
| Carbon footprint (kg.eq.CO2 per CR, Total Life cycle) | 125                                           |
| Environmental Disclosure                              | <a href="#">Product Environmental Profile</a> |

Use Better

| Materials and Substances               |                                                            |
|----------------------------------------|------------------------------------------------------------|
| Packaging made with recycled cardboard | Yes                                                        |
| Packaging without single use plastic   | Yes                                                        |
| <a href="#">EU RoHS Directive</a>      | Pro-active compliance (Product out of EU RoHS legal scope) |
| SCIP Number                            | 3d14fd98-3859-4733-a5ee-a3016769973c                       |
| REACH Regulation                       | <a href="#">REACH Declaration</a>                          |

Use Again

| Repack and remanufacture |                                                                                                                                                                                                                 |
|--------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Circularity Profile      | <a href="#">End of Life Information</a>                                                                                                                                                                         |
| Take-back                | No                                                                                                                                                                                                              |
| WEEE                     |  The product must be disposed on European Union markets following specific waste collection and never end up in rubbish bins |

Dimensions Drawings

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.

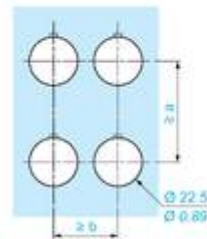
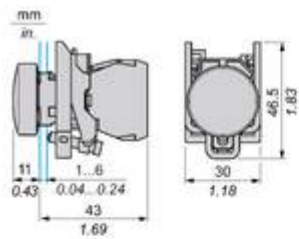
Mounting and Clearance

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 |
|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------|
|                                                                                                                                                                                                                                                                                                                             |                                 |
| <p>(1) Diameter on finished panel or support</p> <p>(2) 40 mm min. / 1.57 in. min.</p> <p>(3) 30 mm min. / 1.18 in. min.</p> <p>(4) Ø 22.5 mm / 0.89 in. recommended (Ø 22.3 mm <math>^{+0.4}_0</math> / 0.88 in. <math>^{+0.016}_0</math>)</p> <p>(5) 45 mm min. / 1.78 in. min.</p> <p>(6) 32 mm min. / 1.26 in. min.</p> |                                 |

Technical Illustration

Dimensions



|                                                                                     |                                                                                     | a (mm) | a (in.) | b (mm) | b (in.) |
|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|--------|---------|--------|---------|
|    |    | 40     | 1.57    | 30     | 1.18    |
| ZBE.....                                                                            | ZBV.....                                                                            |        |         |        |         |
|    |    | 45     | 1.77    | 32     | 1.26    |
| ZBE.....3                                                                           | ZBV.....3                                                                           |        |         |        |         |
|    |    | 40     | 1.57    | 30     | 1.18    |
| ZBE.....4                                                                           | ZBV.....4                                                                           |        |         |        |         |
|    |    | 50     | 1.97    | 30     | 1.18    |
| ZBE.....5                                                                           | ZBV.....5                                                                           |        |         |        |         |
|   |   | 40     | 1.57    | 30     | 1.18    |
| ZBE.....9                                                                           | ZBV.....9                                                                           |        |         |        |         |
|  |  | 40     | 1.57    | 30     | 1.18    |
| ZBRT..                                                                              | ZBRV1                                                                               |        |         |        |         |

Offer Marketing Illustration

Product benefits / Features

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### Features

Harmony XB4



Quick and easy assembly and disassembly



Various types of connection: screw clamp, connector, Faston connector, spring terminal, or printed circuit board



Excellent mechanical connection with operator head



Large set of accessories to customize your panels



Robustness to withstand harsh environments



Offer Marketing Illustration

Product benefits / Features



Image of product / Alternate images

Alternative

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