

# Product datasheet

Specifications



## Complete body/light block assembly, Harmony XB4, metal, universal LED, body/fixing collar, 110...120V AC

Local distributor code:

237093372

ZB4BVG1

EAN Code: 3389110892437

### Main

|                               |  |
|-------------------------------|--|
| Range of product              | Harmony XB4  |
| Product or component type     | Complete body/light block assembly   |
| Device short name             | ZB4  |
| Fixing collar material        | Zamak  |
| Sale per indivisible quantity | 1  |
| Connections - terminals       | Screw clamp terminals, $\leq 2 \times 1.5 \text{ mm}^2$ with cable end<br>Screw clamp terminals, $\geq 1 \times 0.22 \text{ mm}^2$ without cable end |
| Light source                  | Universal LED  |
| Bulb base                     | Integral LED   |
| Light source colour           | White  |
| [Us] rated supply voltage     | 110...120 V AC at 50/60 Hz   |

### Complementary

|  |   |
|--|---|
| CAD overall width                      | 30 mm   |
| CAD overall height                     | 47 mm   |
| CAD overall depth                      | 37 mm   |
| Terminals description ISO n°1          | (X1-X2)PL   |
| Net weight                             | 0.054 kg  |
| Tightening torque                      | 0.8...1.2 N.m conforming to IEC 60947-1   |
| Shape of screw head                    | Cross compatible with Philips no 1 screwdriver<br>Cross compatible with pozidriv No 1 screwdriver<br>Slotted compatible with flat $\varnothing 4 \text{ mm}$ screwdriver<br>Slotted compatible with flat $\varnothing 5.5 \text{ mm}$ screwdriver |
| [Ui] rated insulation voltage          | 600 V (pollution degree 3) conforming to IEC 60947-1  |
| [Uimp] rated impulse withstand voltage | 6 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  |
| Device presentation                    | Basic sub-assemblies  |

### Environment

|                      |    |
|----------------------|----|
| Protective treatment | TH |
|----------------------|----|

|  |  |
|--|--|
| <b>Ambient air temperature for storage</b>   | -40...70 °C  |
| <b>Ambient air temperature for operation</b> | -40...70 °C  |
| <b>Electrical shock protection class</b>     | Class I conforming to IEC 60536  |
| <b>Standards</b>                             | IEC 60947-5-1<br>IEC 60947-5-4<br>UL 508<br>IEC 60947-5-5<br>IEC 60947-1<br>JIS C8201-5-1<br>CSA C22.2 No 14<br>JIS C8201-1  |
| <b>Product certifications</b>                | DNV<br>UL listed<br>LROS (Lloyds register of shipping)<br>BV<br>CSA  |
| <b>Vibration resistance</b>                  | 5 gn (f= 2...500 Hz) conforming to IEC 60068-2-6   |
| <b>Shock resistance</b>                      | 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 |
| <b>Resistance to fast transients</b>         | 2 kV conforming to IEC 61000-4-4   |
| <b>Resistance to electromagnetic fields</b>  | 10 V/m conforming to IEC 61000-4-3   |
| <b>Resistance to electrostatic discharge</b> | 6 kV on contact (on metal parts) conforming to IEC 61000-2-6<br>8 kV in free air (in insulating parts) conforming to IEC 61000-2-6   |
| <b>Electromagnetic emission</b>              | Class B conforming to IEC 55011  |

## Packing Units

|                                     |            |
|-------------------------------------|------------|
| <b>Unit Type of Package 1</b>       | PCE        |
| <b>Number of Units in Package 1</b> | 1          |
| <b>Package 1 Height</b>             | 5.600 cm   |
| <b>Package 1 Width</b>              | 3.400 cm   |
| <b>Package 1 Length</b>             | 5.400 cm   |
| <b>Package 1 Weight</b>             | 52.000 g   |
| <b>Unit Type of Package 2</b>       | S03        |
| <b>Number of Units in Package 2</b> | 200        |
| <b>Package 2 Height</b>             | 30.000 cm  |
| <b>Package 2 Width</b>              | 30.000 cm  |
| <b>Package 2 Length</b>             | 40.000 cm  |
| <b>Package 2 Weight</b>             | 10.892 kg  |
| <b>Unit Type of Package 3</b>       | P06        |
| <b>Number of Units in Package 3</b> | 1600       |
| <b>Package 3 Height</b>             | 75.000 cm  |
| <b>Package 3 Width</b>              | 60.000 cm  |
| <b>Package 3 Length</b>             | 80.000 cm  |
| <b>Package 3 Weight</b>             | 100.500 kg |

## Logistical informations

---

Country of origin FR

## Contractual warranty

---

Warranty (in months) 18



## 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

Total lifecycle Carbon footprint 66

## Use Better



### Materials and Substances

Packaging made with recycled cardboard Yes

Packaging without single use plastic Yes

[EU RoHS Directive](#)

Pro-active compliance (Product out of EU RoHS legal scope)

SCIP Number

E148b25a-d37b-4237-bc1f-74823046728d

REACH Regulation

[REACH Declaration](#)

## Use Longer



### Lifetime extension

Repair No

## Use Again



### Repack and remanufacture

End of life manual availability [End of Life Information](#)

Take-back No

WEEE Label

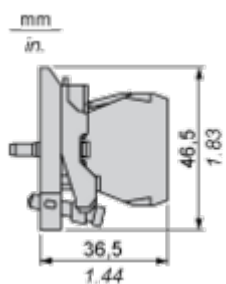


The product must be disposed on European Union markets following specific waste collection and never end up in rubbish bins

Dimensions Drawings

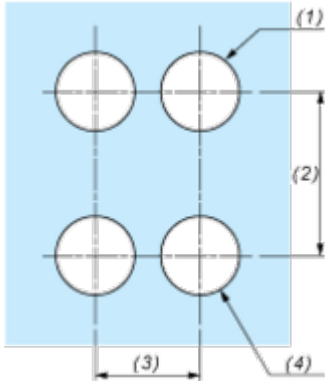
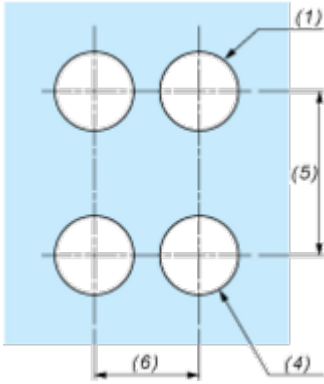
Dimensions

---



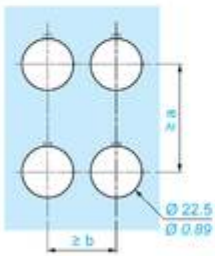
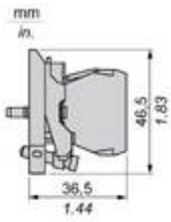
Mounting and Clearance

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<br/>                 (2) 40 mm min. / 1.57 in. min.<br/>                 (3) 30 mm min. / 1.18 in. min.<br/>                 (4) <math>\varnothing 22.5 \text{ mm} / 0.89 \text{ in. recommended } (\varnothing 22.3 \text{ mm }_0^{+0.4} / 0.88 \text{ in. }_0^{+0.016})</math><br/>                 (5) 45 mm min. / 1.78 in. min.<br/>                 (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

---

### Features

Harmony XB4/XB5 Illuminated functions

- NEW universal LED Block for all colors
- Simple stock management
- Improved installation time and easy selection
- Improved color intensity and brightness

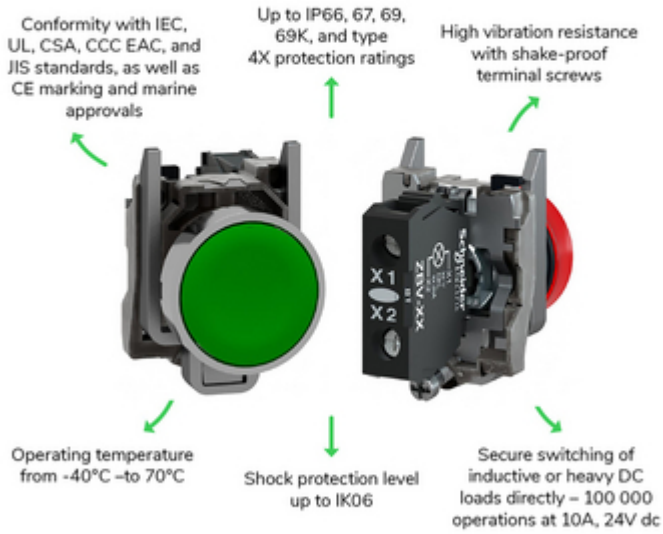
Offer Marketing Illustration

Product benefits / Features

---

## Technical Benefits

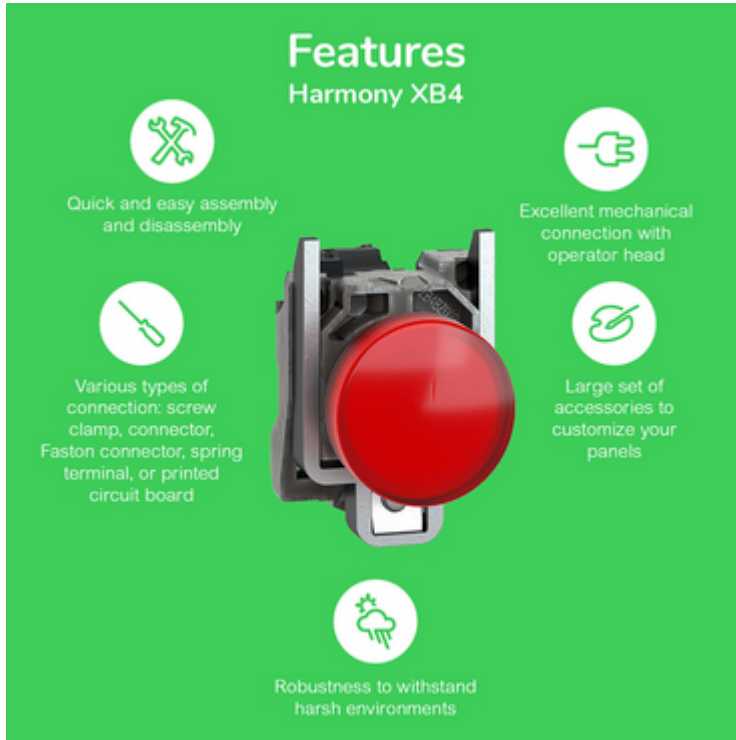
### Harmony XB4



Offer Marketing Illustration

Product benefits / Features

---



The infographic features a central image of a red Schneider XB4 terminal block against a green background. Surrounding the central image are five circular icons, each with a corresponding text description of a feature. The features are: quick and easy assembly and disassembly (wrench and screwdriver icon), excellent mechanical connection with operator head (hand holding a screwdriver icon), various types of connection (screw clamp, connector, Faston connector, spring terminal, or printed circuit board) (screwdriver icon), a large set of accessories to customize panels (screwdriver icon), and robustness to withstand harsh environments (lightning bolt icon).

### Features Harmony XB4

- Quick and easy assembly and disassembly
- Excellent mechanical connection with operator head
- Various types of connection: screw clamp, connector, Faston connector, spring terminal, or printed circuit board
- Large set of accessories to customize your panels
- Robustness to withstand harsh environments

Image of product / Alternate images

Alternative

---

