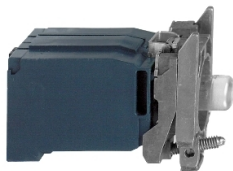


# Product datasheet

Specifications



light block with body/fixing collar  
with BA9s incandesc. bulb  
110...120V

ZB4BV3

## 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                  | Incandescent   |
| Bulb base                     | BA 9s  |
| Light block supply            | Via integral transformer 1.2 VA 6 V  |
| [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                      | 60 mm   |
| Terminals description ISO n°1          | (X1-X2)PL   |
| Net weight                             | 0.13 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 Ø 4 mm screwdriver<br>Slotted compatible with flat Ø 5.5 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  |
| Mounting of block                      | Front mounting  |
| Electrical composition code            | P4<br>M9  |
| Device presentation                    | Basic sub-assemblies  |

## Environment

|                                     |             |
|-------------------------------------|-------------|
| Protective treatment                | TH          |
| Ambient air temperature for storage | -40...70 °C |

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

|                                       |  |
|---------------------------------------|--|
| Ambient air temperature for operation | -40...55 °C  |
| Electrical shock protection class     | Class I conforming to IEC 60536  |
| IP degree of protection               | IP20   |
| Standards                             | IEC 60947-5-1<br>IEC 60947-1<br>CSA C22.2 No 14<br>JIS C8201-5-1<br>IEC 60947-5-4<br>UL 508<br>IEC 60947-5-5<br>JIS C8201-1  |
| Product certifications                | LROS (Lloyds register of shipping)<br>UL listed<br>BV<br>GL<br>CSA<br>DNV  |
| Vibration resistance                  | 5 gn (f= 2...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 |

## Packing Units

|                              |          |
|------------------------------|----------|
| Unit Type of Package 1       | PCE      |
| Number of Units in Package 1 | 1        |
| Package 1 Height             | 3.4 cm   |
| Package 1 Width              | 5.4 cm   |
| Package 1 Length             | 8.8 cm   |
| Package 1 Weight             | 129.0 g  |
| Unit Type of Package 2       | S02      |
| Number of Units in Package 2 | 50       |
| Package 2 Height             | 15 cm    |
| Package 2 Width              | 30 cm    |
| Package 2 Length             | 40 cm    |
| Package 2 Weight             | 6.732 kg |

## Contractual warranty

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

## Sustainability

**Green Premium™ label** is Schneider Electric’s commitment to delivering products with best-in-class environmental performance. Green Premium promises compliance with the latest regulations, transparency on environmental impacts, as well as circular and low-CO<sub>2</sub> products.

**Guide to assessing product sustainability** is a white paper that clarifies global eco-label standards and how to interpret environmental declarations.

[Learn more about Green Premium >](#)

[Guide to assess a product’s sustainability >](#)

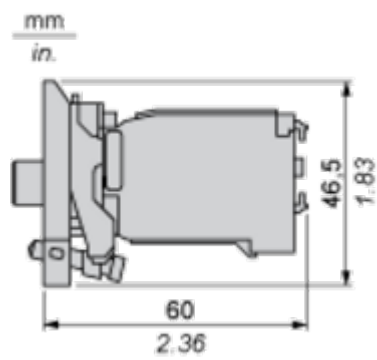
## Well-being performance

|  |   |
|--|---|
|  Mercury Free               |   |
|  Rohs Exemption Information | <a href="#">Yes</a>   |
| Reach Regulation   | <a href="#">REACH Declaration</a>   |
| Eu Rohs Directive  | Pro-active compliance (Product out of EU RoHS legal scope)  |
| China Rohs Regulation  | <a href="#">China RoHS declaration</a>  |
| Weee   | The product must be disposed on European Union markets following specific waste collection and never end up in rubbish bins |

Dimensions Drawings

Dimensions

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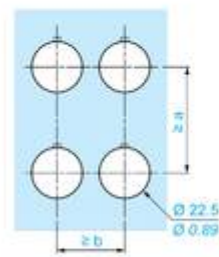
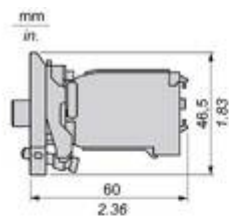
Mounting and Clearance







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  |
|---|--|
|    |  |
| <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> |  |

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




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

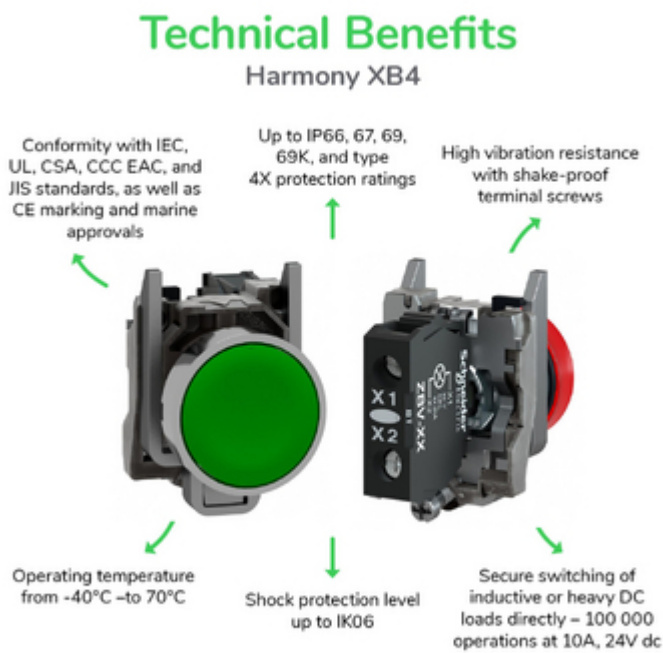




Image of product / Alternate images

Alternative

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