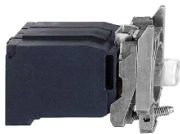


# Product data sheet

Specifications



Light block with body fixing collar,  
Harmony XB4, metal, with BA9s  
bulb, 440...480V AC

ZB4BV8

Product availability: Stock - Normally stocked in distribution facility

## 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, <= 2 x 1.5 mm² with cable end<br>Screw clamp terminals, >= 1 x 0.22 mm² 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     | 440...480 V AC 50/60 Hz                                                                                          |

## Complementary

|                                        |                                                                                           |
|----------------------------------------|-------------------------------------------------------------------------------------------|
| CAD overall width                      | 1.2 in (30 mm)                                                                            |
| CAD overall height                     | 1.9 in (47 mm)                                                                            |
| CAD overall depth                      | 2.4 in (60 mm)                                                                            |
| Terminals description ISO n°1          | (X1-X2)PL                                                                                 |
| Net Weight                             | 0.282 lb(US) (0.128 kg)                                                                   |
| Tightening torque                      | 7.08...10.6 lbf.in (0.8...1.2 N.m) IEC 60947-1                                            |
| Shape of screw head                    | Cross Philips no 1<br>Cross pozidriv No 1<br>Slotted flat Ø 4 mm<br>Slotted flat Ø 5.5 mm |
| [Ui] rated insulation voltage          | 600 V 3)IEC 60947-1                                                                       |
| [Uimp] rated impulse withstand voltage | 6 kV 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...158 °F (-40...70 °C) |

Price is "List Price" and may be subject to a trade discount – check with your local distributor or retailer for actual price.

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...131 °F (-40...55 °C)                                                                                                  |
| Electrical shock protection class     | Class I conforming to IEC 60536                                                                                             |
| IP degree of protection               | IP20                                                                                                                        |
| Standards                             | UL 508<br>IEC 60947-1<br>IEC 60947-5-4<br>IEC 60947-5-1<br>JIS C8201-5-1<br>CSA C22.2 No 14<br>IEC 60947-5-5<br>JIS C8201-1 |
| Product Certifications                | DNV<br>UL Listed<br>LROS (Lloyds register of shipping)<br>BV<br>CSA                                                         |
| Vibration resistance                  | 5 gn (f= 2...500 Hz) conforming to IEC 60068-2-6                                                                            |
| Shock resistance                      | 30 gn 18 ms) half sine wave acceleration IEC 60068-2-27<br>50 gn 11 ms) half sine wave acceleration IEC 60068-2-27          |

## Ordering and shipping details

|                   |               |
|-------------------|---------------|
| Category          | US10CS222469  |
| Discount Schedule | 0CS2          |
| GTIN              | 3389110889673 |
| Returnability     | Yes           |
| Country of origin | FR            |

## Packing Units

|                              |                          |
|------------------------------|--------------------------|
| Unit Type of Package 1       | PCE                      |
| Nbr. of units in pkg.        | 1                        |
| Package 1 Height             | 3.465 in (8.800 cm)      |
| Package 1 Width              | 1.339 in (3.400 cm)      |
| Package 1 Length             | 2.126 in (5.400 cm)      |
| Package weight(Lbs)          | 4.444 oz (126.000 g)     |
| Unit Type of Package 2       | S02                      |
| Number of Units in Package 2 | 50                       |
| Package 2 Height             | 5.906 in (15.000 cm)     |
| Package 2 Width              | 11.811 in (30.000 cm)    |
| Package 2 Length             | 15.748 in (40.000 cm)    |
| Package 2 Weight             | 14.667 lb(US) (6.653 kg) |

## 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 CO2 eq, Total Life cycle) | 31                                            |
| 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                            | 425812e5-011f-4fb4-ad1b-fc9cf9865300                                                                                                                                                                                                                                                        |
| REACH Regulation                       | <a href="#">REACH Declaration</a>                                                                                                                                                                                                                                                           |
| California proposition 65              | WARNING: This product can expose you to chemicals including: Lead and lead compounds, which is known to the State of California to cause cancer and birth defects or other reproductive harm. For more information go to <a href="http://www.P65Warnings.ca.gov">www.P65Warnings.ca.gov</a> |

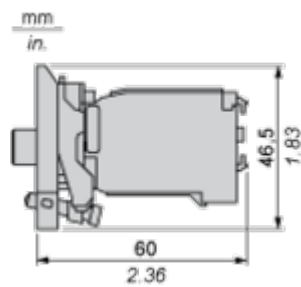
Use Again

| Repack and remanufacture |                                                                                                                                                                                                                  |
|--------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Circularity Profile      | <a href="#">End of Life Information</a>                                                                                                                                                                          |
| 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

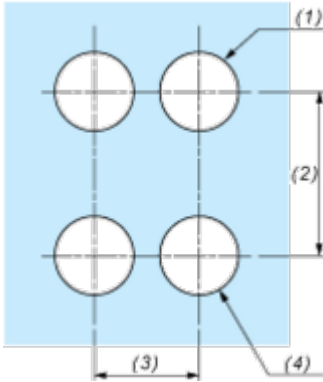
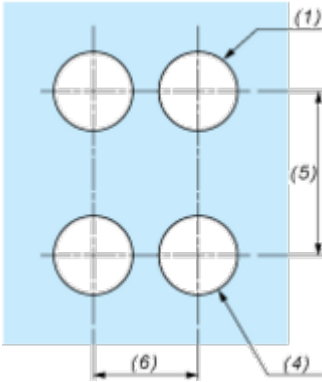
Dimensions

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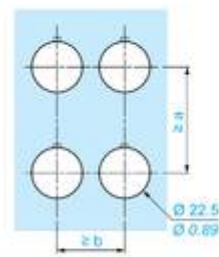
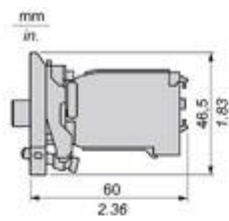
Mounting and Clearance

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                                                    |
|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------|
|                                                                                                                                                                                                                                            |  |
| <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/XB5 Illuminated functions



NEW universal LED Block for all colors





Simple stock management



Improved installation time and easy selection





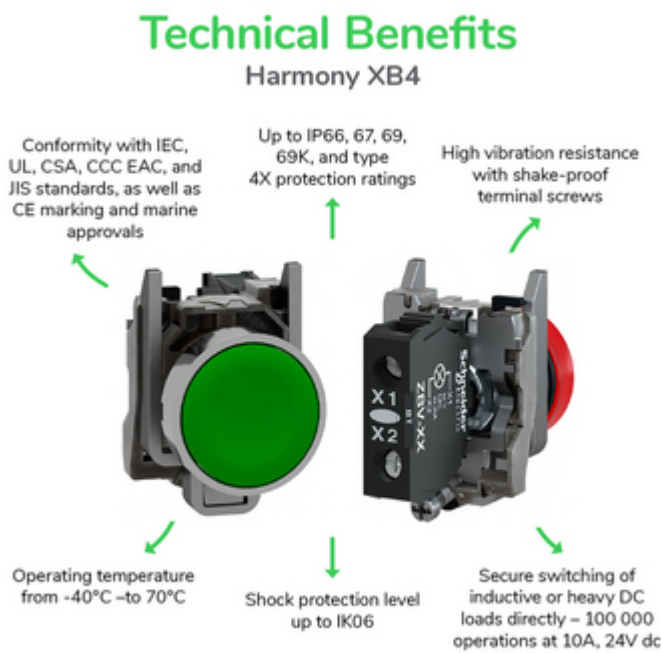


Improved color intensity and brightness



Offer Marketing Illustration

Product benefits / Features





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



Image of product / Alternate images

Alternative

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