

# Product data sheet

Specifications



## Light block with body fixing collar for BA9s bulb, Harmony XB4, metal, It 250V

ZB4BV156

### 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                  | Bulb not included                                                                                                                                    |
| Bulb base                     | BA 9s                                                                                                                                                |
| Light block supply            | Direct $<2.4 \text{ W}$                                                                                                                              |
| [Us] rated supply voltage     | $\leq 250 \text{ V}$                                                                                                                                 |

### Complementary

|                                        |                                                                                           |
|----------------------------------------|-------------------------------------------------------------------------------------------|
| CAD overall width                      | 1.2 in (30 mm)                                                                            |
| CAD overall height                     | 1.9 in (47 mm)                                                                            |
| CAD overall depth                      | 1.5 in (37 mm)                                                                            |
| Terminals description ISO n°1          | (X1-X2)PL                                                                                 |
| Product weight                         | 0.137 lb(US) (0.062 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                                                                                    |

### Environment

|                                       |                                                                                      |
|---------------------------------------|--------------------------------------------------------------------------------------|
| Protective treatment                  | TH                                                                                   |
| Ambient air temperature for storage   | $-40 \dots 158 \text{ }^{\circ}\text{F}$ ( $-40 \dots 70 \text{ }^{\circ}\text{C}$ ) |
| Ambient air temperature for operation | $-40 \dots 158 \text{ }^{\circ}\text{F}$ ( $-40 \dots 70 \text{ }^{\circ}\text{C}$ ) |
| Electrical shock protection class     | Class I conforming to IEC 60536                                                      |

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

|                        |                                                                                                                             |
|------------------------|-----------------------------------------------------------------------------------------------------------------------------|
| Standards              | CSA C22.2 No 14<br>IEC 60947-1<br>UL 508<br>IEC 60947-5-1<br>IEC 60947-5-4<br>IEC 60947-5-5<br>JIS C8201-5-1<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          |

## Packing Units

|                              |                       |
|------------------------------|-----------------------|
| Unit Type of Package 1       | PCE                   |
| Number of Units in Package 1 | 1                     |
| Package 1 Height             | 1.3 in (3.4 cm)       |
| Package 1 Width              | 1.7 in (4.4 cm)       |
| Package 1 Length             | 2.1 in (5.4 cm)       |
| Package 1 Weight             | 2.2 oz (61.0 g)       |
| Unit Type of Package 2       | S02                   |
| Number of Units in Package 2 | 50                    |
| Package 2 Height             | 5.9 in (15 cm)        |
| Package 2 Width              | 11.8 in (30 cm)       |
| Package 2 Length             | 15.7 in (40 cm)       |
| Package 2 Weight             | 7.39 lb(US) (3.35 kg) |

## 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                       | 0.5 kg CO2 eq. |
| Carbon footprint of the manufacturing phase [A1 to A3] | 0.4 kg CO2 eq. |
| Carbon footprint of the distribution phase [A4]        | 0 kg CO2 eq.   |
| Carbon footprint of the installation phase [A5]        | 0 kg CO2 eq.   |
| Carbon footprint of the use phase [B2, B3, B4, B6]     | 0 kg CO2 eq.   |
| Carbon footprint of the end-of-life phase [C1 to C4]   | 0.1 kg CO2 eq. |

## Use Better



### Materials and Substances

|                                                |                                                                                        |
|------------------------------------------------|----------------------------------------------------------------------------------------|
| Average percentage of recycled plastic content | 44 %                                                                                   |
| Average percentage of recycled metal content   | 20 %                                                                                   |
| Packaging made with recycled cardboard         | Yes                                                                                    |
| Packaging without single use plastic           | Yes                                                                                    |
| EU RoHS Directive                              | <a href="#">Compliant By Exemption</a>                                                 |
| REACH Regulation                               | <a href="#">Reference contains Substances of Very High Concern above the threshold</a> |

## Use Longer



### Lifetime extension

|        |    |
|--------|----|
| Repair | No |
|--------|----|

## Use Again



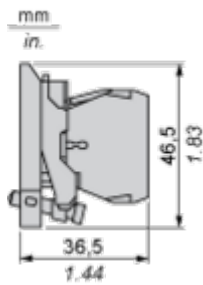
### Repack and remanufacture

|                     |                                                                                                                                                                                                                 |
|---------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 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

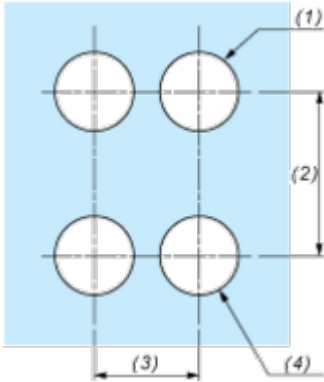
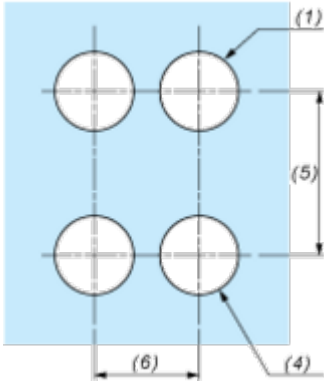
Dimensions

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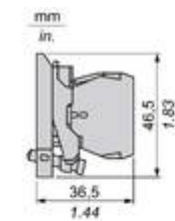
Mounting and Clearance

Panel Cut-out for Pushbuttons, Switches and Pilot Lights (Finished Holes, Ready for Installation)

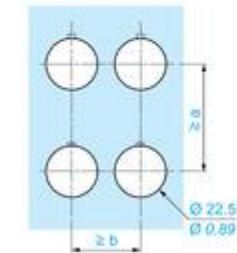
| Connection by Screw Clamp Terminals or Plug-in Connectors or on Printed Circuit Board                                                                                                                                                                                                                                               | 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<sub>0</sub><sup>+0.4</sup> / 0.88 in.<sub>0</sub><sup>+0.016</sup>)</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

### 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

### Caractéristiques

Harmony XB4/XB5 Bloc lumineux



Nouveau bloc LED universel pour toutes les couleurs





Gestion simplifiée des stocks





Temps d'installation plus rapide et sélection facilitée





Amélioration de l'intensité et de la luminosité des couleurs



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Offer Marketing Illustration

Product benefits / Features

### Bouton poussoir en métal

Harmony XB4



Montage et démontage rapides et faciles



Excellente connexion mécanique avec la tête de commande



Différents types de connexions : borniers à vis-étrier, Push-in, connecteur Faston & broches pour circuit imprimé



Robustesse pour résister aux environnements difficiles



Large choix d'accessoires pour personnaliser vos panneaux



Offer Marketing Illustration

Product benefits / Features

Caractéristiques techniques

Boutons poussoirs en metal Harmony XB4



Image of product / Alternate images

Alternative

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