

# Product data sheet

Specifications



Light block with body fixing collar,  
Harmony XB5, plastic, for BA9s  
bulb, It 250V

ZB5AV6

Product availability: Stock - Normally stocked in distribution facility

## Main

|                               |                                                                                                                                          |
|-------------------------------|------------------------------------------------------------------------------------------------------------------------------------------|
| Range of Product              | Harmony XB5                                                                                                                              |
| Product or Component Type     | Complete body/light block assembly                                                                                                       |
| Device short name             | ZB5                                                                                                                                      |
| Fixing collar material        | Plastic                                                                                                                                  |
| Sale per indivisible quantity | 1                                                                                                                                        |
| Connections - terminals       | Screw clamp terminals, <= 2 x 1.5 mm² with cable end IEC 60947-1<br>Screw clamp terminals, >= 1 x 0.22 mm² without cable end IEC 60947-1 |
| Light source                  | Bulb not included                                                                                                                        |
| Bulb base                     | BA 9s                                                                                                                                    |
| Light block supply            | Direct <2.4 W                                                                                                                            |

## Complementary

|                                        |                                                                                           |
|----------------------------------------|-------------------------------------------------------------------------------------------|
| CAD overall width                      | 1.2 in (30 mm)                                                                            |
| CAD overall height                     | 1.7 in (42 mm)                                                                            |
| CAD overall depth                      | 1.3 in (32 mm)                                                                            |
| Terminals description ISO n°1          | (X1-X2)PL                                                                                 |
| Net Weight                             | 0.049 lb(US) (0.022 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                                                                                    |
| [Us] rated supply voltage              | <= 250 V                                                                                  |
| Device presentation                    | Basic sub-assemblies                                                                      |

## Environment

|                                       |                            |
|---------------------------------------|----------------------------|
| Protective treatment                  | TH                         |
| Ambient Air Temperature for Storage   | -40...158 °F (-40...70 °C) |
| ambient air temperature for operation | -40...158 °F (-40...70 °C) |
| Electrical shock protection class     | Class II IEC 60536         |

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

|                        |                                                                                                                    |
|------------------------|--------------------------------------------------------------------------------------------------------------------|
| Standards              | IEC 60947-5-1<br>CSA C22.2 No 14<br>IEC 60947-1<br>IEC 60947-5-4<br>JIS C8201-5-1<br>UL 508<br>JIS C8201-1         |
| Product Certifications | CSA<br>DNV<br>BV<br>LROS (Lloyds register of shipping)<br>UL Listed                                                |
| 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              | 3389110908282 |
| Returnability     | Yes           |
| Country of origin | FR            |

## Packing Units

|                              |                            |
|------------------------------|----------------------------|
| Unit Type of Package 1       | PCE                        |
| Number of Units in Package 1 | 1                          |
| Package 1 Height             | 1.77 in (4.500 cm)         |
| Package 1 Width              | 1.34 in (3.400 cm)         |
| Package 1 Length             | 2.13 in (5.400 cm)         |
| Package 1 Weight             | 0.705 oz (20.000 g)        |
| Unit Type of Package 2       | S03                        |
| Number of Units in Package 2 | 300                        |
| Package 2 Height             | 11.81 in (30.000 cm)       |
| Package 2 Width              | 11.81 in (30.000 cm)       |
| Package 2 Length             | 15.75 in (40.000 cm)       |
| Package 2 Weight             | 13.946 lb(US) (6.326 kg)   |
| Unit Type of Package 3       | P06                        |
| Number of Units in Package 3 | 2400                       |
| Package 3 Height             | 29.53 in (75.000 cm)       |
| Package 3 Width              | 23.62 in (60.000 cm)       |
| Package 3 Length             | 31.50 in (80.000 cm)       |
| Package 3 Weight             | 135.584 lb(US) (61.500 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) | 32                                            |
| 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                            | E148b25a-d37b-4237-bc1f-74823046728d                                                                                                                                                                                                                               |
| 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="#">www.P65Warnings.ca.gov</a> " |

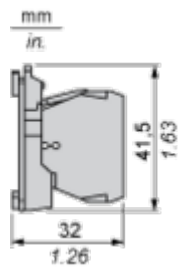
Use Again

| 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

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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



- (1) Diameter on finished panel or support
- (2) For selector switches and Emergency stop buttons, use of an anti-rotation plate type ZB5AZ902 is recommended.
- (3) Ø22.5 mm recommended ( $\text{Ø}22.3 \begin{smallmatrix} +0.4 \\ 0 \end{smallmatrix}$ ) / Ø0.89 in. recommended ( $\text{Ø}0.88 \text{ in. } \begin{smallmatrix} +0.016 \\ 0 \end{smallmatrix}$ )

| Connections                                   | a in mm | a in in. | b in mm | b in in. |
|-----------------------------------------------|---------|----------|---------|----------|
| By screw clamp terminals or plug-in connector | 40      | 1.57     | 30      | 1.18     |
| By Faston connectors                          | 45      | 1.77     | 32      | 1.26     |
| On printed circuit board                      | 30      | 1.18     | 30      | 1.18     |

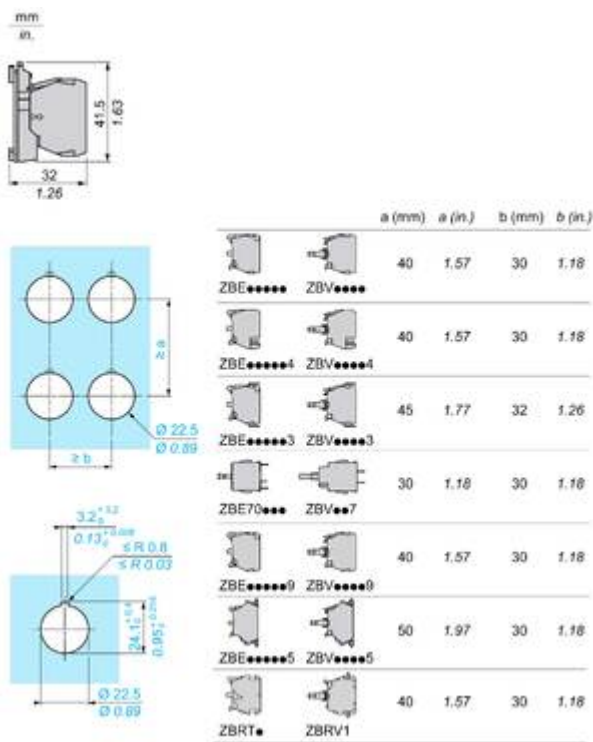
Detail of Lug Recess



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Technical Illustration

Dimensions



Offer Marketing Illustration

Product benefits / Features

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### Features

Harmony XB5



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



Robustness to withstand harsh environments



Large set of accessories to customize your panels



Offer Marketing Illustration

Product benefits / Features



Image of product / Alternate images

Alternative

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