## Product data sheet





Light block with body fixing collar, Harmony XB5, plastic, red, integral LED, 24...120V AC DC

ZB5AVBG4

! Discontinued on: Jan 9, 2023

(!) Discontinued

Product availability: Stock - Normally stocked in distribution

Important message: All colored LED are replaced with a single Universal LED block for use with new illuminated heads (more information at se.com/harmonyxb4 or se.com/harmonyxb5)

#### 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 EN 60947-1<br>Screw clamp terminals, >= 1 x 0.22 mm² without cable end EN 60947-1 |  |  |  |  |
| Light Source                  | Protected LED  |  |  |  |  |
| Bulb Base                     | Integral LED   |  |  |  |  |
| Light Source Colour           | Red  |  |  |  |  |

#### Complementary

| Cad Overall Width                      | 1.18 in (30 mm)  |
|--|--|
| Cad Overall Height                     | 1.65 in (42 mm)  |
| Cad Overall Depth                      | 1.26 in (32 mm)  |
| Terminals Description Iso N°1          | (X1-X2)PL  |
| Net Weight                             | 0.05 lb(US) (0.022 kg)   |
| Tightening Torque                      | 7.0810.62 lbf.in (0.81.2 N.m) EN 60947-1   |
| Shape Of Screw Head                    | Cross Philips no 1 Cross pozidriv No 1 Slotted flat Ø 4 mm Slotted flat Ø 5.5 mm |
| [Ui] Rated Insulation Voltage          | 600 ∨ 3)EN 60947-1   |
| [Uimp] Rated Impulse Withstand Voltage | 6 kV EN 60947-1  |
| Signalling Type                        | Steady   |
| [Us] Rated Supply Voltage              | 24120 V AC/DC 50/60 Hz   |
| Supply Voltage Limits                  | 19.2132 V DC<br>21.6132 V AC   |
| Service Life                           | 100000 h at rated voltage and 25 °C  |
| Surge Withstand                        | 1 kV IEC 61000-4-5   |

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

Device Presentation Basic sub-assemblies

#### **Environment**

| Protective Treatment                  | тн  |
|---------------------------------------|---|
| Ambient Air Temperature For Storage   | -40158 °F (-4070 °C)  |
| Ambient Air Temperature For Operation | -40158 °F (-4070 °C)  |
| Electrical Shock Protection Class     | Class II IEC 60536  |
| Standards                             | EN/IEC 60947-5-1<br>EN/IEC 60947-1<br>CSA C22.2 No 14<br>EN/IEC 60947-5-4<br>UL 508<br>JIS C8201-5-1<br>JIS C8201-1 |
| Product Certifications                | LROS (Lloyds register of shipping) BV GL CSA DNV UL Listed  |
| Vibration Resistance                  | 5 gn 2500 Hz)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  |
| Resistance To Fast Transients         | 2 kV IEC 61000-4-4  |
| Resistance To Electromagnetic Fields  | 9.14 V/m (10 V/m) IEC 61000-4-3   |
| Resistance To Electrostatic Discharge | 6 kV on contact (on metal parts) IEC 61000-2-6<br>8 kV in free air (in insulating parts) IEC 61000-2-6              |
| Electromagnetic Emission              | Class B IEC 55011   |

# Ordering and shipping details

| Category          | US10CS222469  |
|-------------------|---------------|
| Discount Schedule | 0CS2          |
| Gtin              | 3389110070385 |
| Returnability     | Yes           |
| Country Of Origin | US            |

### **Packing Units**

| Unit Type Of Package 1       | PCE              |
|------------------------------|------------------|
| Number Of Units In Package 1 | 1                |
| Package 1 Height             | 2.20 in (5.6 cm) |
| Package 1 Width              | 1.34 in (3.4 cm) |
| Package 1 Length             | 2.13 in (5.4 cm) |
| Package 1 Weight             | 0.71 oz (20 g)   |
| Unit Type Of Package 2       | BB1              |
| Number Of Units In Package 2 | 5                |
| Package 2 Height             | 1.77 in (4.5 cm) |
| Package 2 Width              | 1.38 in (3.5 cm) |

| Package 2 Length             | 10.43 in (26.5 cm)     |
|------------------------------|------------------------|
| Package 2 Weight             | 3.53 oz (100 g)        |
| Unit Type Of Package 3       | S02                    |
| Number Of Units In Package 3 | 100                    |
| Package 3 Height             | 5.91 in (15 cm)        |
| Package 3 Width              | 11.81 in (30 cm)       |
| Package 3 Length             | 15.75 in (40 cm)       |
| Package 3 Weight             | 5.08 lb(US) (2.303 kg) |

## **Contractual warranty**

Warranty 18 months

## Sustainability Green Premium

Green Premium<sup>TM</sup> label is Schneider Electric's commitment to delivering products with best-inclass environmental performance. Green Premium promises compliance with the latest regulations, transparency on environmental impacts, as well as circular and low-CO2 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 >



RoHS/REACh

### Well-being performance



Mercury Free



Rohs Exemption Information

Yes

#### **Certifications & Standards**

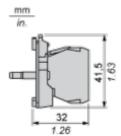
| California Proposition 65 | WARNING: This product can expose you to chemicals including: Lead and lead compounds, which is known to the State of California to cause cancer and birth defects or other reproductive harm. For more information go to www.P65Warnings.ca.gov |  |  |
|---------------------------|---|--|--|
| Weee                      | The product must be disposed on European Union markets following specific waste collection and never end up in rubbish bins.  |  |  |
| China Rohs Regulation     | China RoHS declaration  |  |  |
| Eu Rohs Directive         | Pro-active compliance (Product out of EU RoHS legal scope)  |  |  |
| Reach Regulation          | REACh Declaration   |  |  |

### **Product data sheet**

### **ZB5AVBG4**

### **Dimensions Drawings**

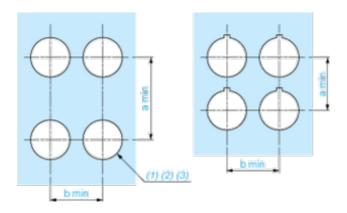
#### **Dimensions**



#### Mounting and Clearance

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

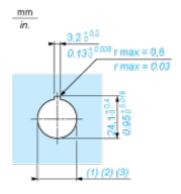
#### Connection by Screw Clamp Terminals or Plug-in Connectors or on Printed Circuit Board



- (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 (Ø22.3  $_0^{+0.4}$ ) / Ø0.89 in. recommended (Ø0.88 in.  $_0^{+0.016}$ )

|   |         |          |         | •        |
|---|---------|----------|---------|----------|
| 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**



- (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)  $\emptyset$ 22.5 mm recommended ( $\emptyset$ 22.3  $_0^{+0.4}$ ) /  $\emptyset$ 0.89 in. recommended ( $\emptyset$ 0.88 in.  $_0^{+0.016}$ )