# Product data sheet





(!) Discontinued

Complete body/contact assembly and light block, Harmony XB5, XB4, blue, with body/fixing collar, integral LED, 110...120V 1NO

ZB5AW0G61



(!) Discontinued on: Jan 9, 2023

Product availability: Non-Stock - Not normally stocked in distribution facility

#### Main

| Range of Product              | Harmony XB5  |  |  |  |  |  |
|-------------------------------|--|--|--|--|--|--|
| Product or Component Type     | Complete body/contact assembly and light block   |  |  |  |  |  |
| Device short name             | ZB5  |  |  |  |  |  |
| Fixing collar material        | Plastic  |  |  |  |  |  |
| Sale per indivisible quantity | 1  |  |  |  |  |  |
| Head type                     | Standard   |  |  |  |  |  |
| Contacts type and composition | 1 NO   |  |  |  |  |  |
| Contact operation             | Slow-break   |  |  |  |  |  |
| 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 block supply            | Direct   |  |  |  |  |  |
| Light source colour           | Blue   |  |  |  |  |  |

### 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 | (13-14)NO   |
| Net Weight                    | 0.071 lb(US) (0.032 kg)   |
| Contacts usage                | Standard  |
| Positive opening              | Without   |
| Operating travel              | 0.1 in (2.6 mm) NO changing electrical state) 0.2 in (4.3 mm) total travel) |
| Operating force               | 2.3 N NO changing electrical state  |
| Operating torque              | 0.44 lbf.in (0.05 N.m) NO changing electrical state                         |
| Mechanical durability         | 5000000 cycles  |
| Tightening torque             | 7.0810.6 lbf.in (0.81.2 N.m) EN 60947-1                                     |

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

| Shape of screw head                         | Cross Philips no 1 Cross pozidriv No 1 Slotted flat Ø 4 mm Slotted flat Ø 5.5 mm  |  |  |  |  |  |
|---|---|--|--|--|--|--|
| Contacts material                           | Silver alloy (Ag/Ni)  |  |  |  |  |  |
| Short-circuit protection                    | 10 A cartridge fuse gG EN/IEC 60947-5-1   |  |  |  |  |  |
| [Ith] conventional free air thermal current | 10 A EN/IEC 60947-5-1   |  |  |  |  |  |
| [Ui] rated insulation voltage               | 600 V 3)EN 60947-1  |  |  |  |  |  |
| [Uimp] rated impulse withstand voltage      | 6 kV EN 60947-1   |  |  |  |  |  |
| [le] rated operational current              | 3 A 240 V, AC-15, A600 EN/IEC 60947-5-1<br>6 A 120 V, AC-15, A600 EN/IEC 60947-5-1<br>0.1 A 600 V, DC-13, Q600 EN/IEC 60947-5-1<br>0.27 A 250 V, DC-13, Q600 EN/IEC 60947-5-1<br>0.55 A 125 V, DC-13, Q600 EN/IEC 60947-5-1<br>1.2 A 600 V, AC-15, A600 EN/IEC 60947-5-1  |  |  |  |  |  |
| Electrical durability                       | 1000000 cycles, AC-15, 2 A 230 V 3600 cyc/h 0.5 EN/IEC 60947-5-1 appendix C 1000000 cycles, AC-15, 3 A 120 V 3600 cyc/h 0.5 EN/IEC 60947-5-1 appendix C 1000000 cycles, AC-15, 4 A 24 V 3600 cyc/h 0.5 EN/IEC 60947-5-1 appendix C 1000000 cycles, DC-13, 0.2 A 110 V 3600 cyc/h 0.5 EN/IEC 60947-5-1 appendix C 1000000 cycles, DC-13, 0.5 A 24 V 3600 cyc/h 0.5 EN/IEC 60947-5-1 appendix C |  |  |  |  |  |
| Electrical reliability                      | $\Lambda$ < 10exp(-6) 5 V 1 mA in clean environment EN/IEC 60947-5-4 $\Lambda$ < 10exp(-8) 17 V 5 mA in clean environment EN/IEC 60947-5-4  |  |  |  |  |  |
| Signalling type                             | Steady  |  |  |  |  |  |
| [Us] rated supply voltage                   | 110120 V AC 50/60 Hz  |  |  |  |  |  |
| Current Consumption                         | 14 mA   |  |  |  |  |  |
| Service life                                | 100000 h at rated voltage and 25 °C   |  |  |  |  |  |
| Surge withstand                             | 1 kV IEC 61000-4-5  |  |  |  |  |  |
| device presentation                         | Basic sub-assemblies  |  |  |  |  |  |

## **Environment**

| protective treatment                     | тн  |
|--|---|
| Ambient Air Temperature for Storage      | -40.000000000158.0000000000 °F (-4070 °C)   |
| Ambient Air Temperature for<br>Operation | -40.0000000000158.0000000000 °F (-4070 °C)  |
| Electrical shock protection class        | Class II IEC 60536  |
| Standards                                | EN/IEC 60947-5-4 JIS C8201-5-1 CSA C22.2 No 14 EN/IEC 60947-5-1 EN/IEC 60947-1 UL 508 JIS C8201-1               |
| Product Certifications                   | UL Listed BV LROS (Lloyds register of shipping) GL DNV CSA  |
| Vibration resistance                     | 5 gn 2500 Hz)IEC 60068-2-6  |
| Shock resistance                         | 30 gn 18 ms) half sine wave acceleration IEC 60068-2-27 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     | 9.1 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              | 3389110909050 |
| Returnability     | No            |
| Country of origin | FR            |

# **Packing Units**

| Unit Type of Package 1       | PCE             |
|------------------------------|-----------------|
| Number of Units in Package 1 | 1               |
| Package 1 Height             | 2.2 in (5.6 cm) |
| Package 1 Width              | 1.3 in (3.4 cm) |
| Package 1 Length             | 2.1 in (5.4 cm) |
| Package 1 Weight             | 1.1 oz (32.0 g) |

## **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-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 >





Transparency RoHS/REACh

### Well-being performance



Mercury Free



Rohs Exemption Information

Yes

### **Certifications & Standards**

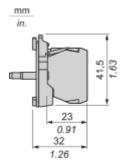
| Reach Regulation                | REACh Declaration  |  |  |  |  |
|---------------------------------|--|--|--|--|--|
| Eu Rohs Directive               | Pro-active compliance (Product out of EU RoHS legal scope)   |  |  |  |  |
| China Rohs Regulation           | China RoHS declaration   |  |  |  |  |
| <b>Environmental Disclosure</b> | Product Environmental Profile  |  |  |  |  |
| Weee                            | The product must be disposed on European Union markets following specific waste collection and never end up in rubbish bins. |  |  |  |  |
| Circularity Profile             | End of Life Information  |  |  |  |  |
|                                 |  |  |  |  |  |

# Product data sheet

## ZB5AW0G61

## **Dimensions Drawings**

### **Dimensions**

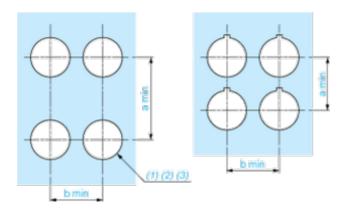


### ZB5AW0G61

#### Mounting and Clearance

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

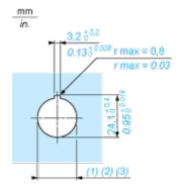
#### Connection by Screw Clamp Terminals or Plug-in Connectors or on Printed Circuit Board



- (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.  $_0^{+0.016}$ )