# **Product data sheet**

Specification





Complete body contact assembly and light block, Harmony XB5, XB4, with body fixing collar, universal LED, 110...120V, 1NO + 1NC

ZB5AW0G15

Product availability: Stock - Normally stocked in distribution facility

Price\*: 90.00 USD

#### Main

Range of Product	Harmony XB5					
Product or Component Type	t 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 + 1 NC					
Contact operation	Slow-break					
Connections - terminals	Screw clamp terminals, <= 2 x 1.5 mm <sup>2</sup> with cable end IEC 60947-1 Screw clamp terminals, >= 1 x 0.22 mm <sup>2</sup> without cable end IEC 60947-1					
Light source	Universal LED					
Bulb base	Integral LED					
Light block supply	Direct					
Light source colour	White					

### 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 (11-12)NC
Net Weight	0.093 lb(US) (0.042 kg)
Contacts usage	Standard
Positive opening	With IEC 60947-5-1 appendix K
Operating travel	0.06 in (1.5 mm) NC changing electrical state) 0.1 in (2.6 mm) NO changing electrical state) 0.2 in (4.3 mm) total travel)
Operating force	2 N NC changing electrical state 2.3 N NO changing electrical state
Operating torque	0.44 lbf.in (0.05 N.m) NO changing electrical state

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

Mechanical durability	5000000 cycles				
Tightening torque	7.0810.6 lbf.in (0.81.2 N.m) IEC 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				
Contacts material	Silver alloy (Ag/Ni)				
Short-circuit protection	10 A cartridge fuse gG IEC 60947-5-1				
[Ith] conventional free air thermal current	10 A IEC 60947-5-1				
[Ui] rated insulation voltage	600 V 3)IEC 60947-1				
[Uimp] rated impulse withstand voltage	6 kV IEC 60947-1				
[le] rated operational current	3 A 240 V, AC-15, A600 IEC 60947-5-1				
	6 A 120 V, AC-15, A600 IEC 60947-5-1				
	0.1 A 600 V, DC-13, Q600 IEC 60947-5-1				
	0.27 A 250 V, DC-13, Q600 IEC 60947-5-1				
	0.55 A 125 V, DC-13, Q600 IEC 60947-5-1				
	1.2 A 600 V, AC-15, A600 IEC 60947-5-1				
Electrical durability	1000000 cycles, AC-15, 2 A 230 V 3600 cyc/h 0.5 IEC 60947-5-1 appendix C				
	1000000 cycles, AC-15, 3 A 120 V 3600 cyc/h 0.5 IEC 60947-5-1 appendix C				
	1000000 cycles, AC-15, 4 A 24 V 3600 cyc/h 0.5 IEC 60947-5-1 appendix C				
	1000000 cycles, DC-13, 0.2 A 110 V 3600 cyc/h 0.5 IEC 60947-5-1 appendix C				
	1000000 cycles, DC-13, 0.5 A 24 V 3600 cyc/h 0.5 IEC 60947-5-1 appendix C				
Electrical reliability	Λ < 10exp(-6) 5 V 1 mA in clean environment IEC 60947-5-4				
	Λ < 10exp(-8) 17 V 5 mA in clean environment 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				
device presentation	Basic sub-assemblies				

## **Environment**

protective treatment	TH				
Ambient Air Temperature for Storage	-40.0000000000158.0000000000 °F (-4070 °C)				
Ambient Air Temperature for Operation	-40.0000000000158.0000000000 °F (-4070 °C)				
Electrical shock protection class	Class II IEC 60536				
Standards	UL 508 IEC 60947-1 JIS C8201-5-1 IEC 60947-5-4 IEC 60947-5-1 CSA C22.2 No 14 JIS C8201-1				
Product Certifications	UL Listed GL BV LROS (Lloyds register of shipping) CSA DNV				
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 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	3389110908794
Returnability	Yes
Country of origin	US

## **Packing Units**

Unit Type of Package 1	PCE
Number of Units in Package 1	1
Package 1 Height	2.09 in (5.3 cm)
Package 1 Width	1.3 in (3.4 cm)
Package 1 Length	2.2 in (5.5 cm)
Package 1 Weight	1.4 oz (41.0 g)

## **Contractual warranty**

Warranty 18 months

## Sustainability Screen 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				

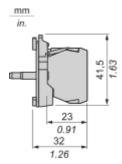
Jul 23, 2024

# Product data sheet

### **ZB5AW0G15**

### **Dimensions Drawings**

### **Dimensions**

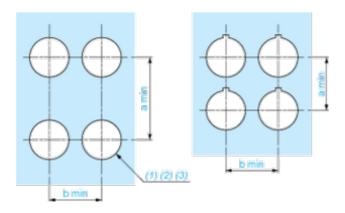


### ZB5AW0G15

#### Mounting and Clearance

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

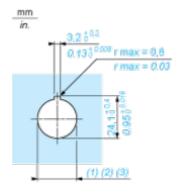
#### Connection by Screw Clamp Terminals or Plug-in Connectors or on Printed Circuit Board



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

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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) Ø22.5 mm recommended (Ø22.3  $_0^{+0.4}$ ) / Ø0.89 in. recommended (Ø0.88 in.  $_0^{+0.016}$ )