# Product data sheet





(!) Discontinued

Complete body/contact assembly and light block, Harmony XB5, blue with body/fixing collar with integral LED 24 V 1NC

ZB5AW0B62

(!) Discontinued on: Jan 13, 2023

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/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 NC					
Contact Operation	Slow-break					
Connections - Terminals	Screw clamp terminals, <= 2 x 1.5 mm² with cable end EN 60947-1 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	1.18 in (30 mm)
Cad Overall Height	1.65 in (42 mm)
Cad Overall Depth	1.26 in (32 mm)
Terminals Description Iso N°1	(11-12)NC
Net Weight	0.07 lb(US) (0.032 kg)
Contacts Usage	Standard
Positive Opening	With EN/IEC 60947-5-1 appendix K
Operating Travel	0.06 in (1.5 mm) NC changing electrical state) 0.17 in (4.3 mm) total travel)
Operating Force	2 N NC changing electrical state
Mechanical Durability	5000000 cycles
Tightening Torque	7.0810.62 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					
	6 A 120 V, AC-15, A600 EN/IEC 60947-5-1					
	0.1 A 600 V, DC-13, Q600 EN/IEC 60947-5-1					
	0.27 A 250 V, DC-13, Q600 EN/IEC 60947-5-1					
	0.55 A 125 V, DC-13, Q600 EN/IEC 60947-5-1					
	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	Λ < 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	24 V AC/DC 50/60 Hz					
Supply Voltage Limits	19.230 V DC					
	21.626.4 V AC					
Current Consumption	18 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						
Environment						
Protective Treatment	TH					

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	UL 508 CSA C22.2 No 14 EN/IEC 60947-1 EN/IEC 60947-5-1 JIS C8201-5-1 EN/IEC 60947-5-4 JIS C8201-1
Product Certifications	UL Listed BV CSA GL LROS (Lloyds register of shipping) 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	9.14 V/m (10 V/m) IEC 61000-4-3
Resistance To Electrostatic Discharge	6 kV on contact (on metal parts) IEC 61000-2-6 8 kV in free air (in insulating parts) IEC 61000-2-6
Electromagnetic Emission	Class B IEC 55011

# Ordering and shipping details

Category	22469-PUSHBUTTON,22MM ACCESSORIES-NEW		
Discount Schedule	CS2		
Gtin	3389110908671		
Returnability	No		
Country Of Origin	FR		

## **Packing Units**

Unit Type Of Package 1	PCE
Number Of Units In Package 1	1
Package 1 Height	2.20 in (5.6 cm)
Package 1 Width	1.34 in (3.4 cm)
Package 1 Length	10.43 in (26.5 cm)
Package 1 Weight	1.09 oz (31.0 g)
Unit Type Of Package 2	S02
Number Of Units In Package 2	100
Package 2 Height	5.91 in (15.0 cm)
Package 2 Width	11.81 in (30.0 cm)
Package 2 Length	15.75 in (40.0 cm)
Package 2 Weight	7.93 lb(US) (3.595 kg)

## **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**

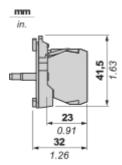
Reach Regulation	REACh Declaration				
Eu Rohs Directive	Pro-active compliance (Product out of EU RoHS legal scope)				
China Rohs Regulation	China RoHS declaration				
<b>Environmental Disclosure</b>	Product Environmental Profile				
Weee	The product must be disposed on European Union markets following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

# Product data sheet

### **ZB5AW0B62**

### **Dimensions Drawings**

### **Dimensions**

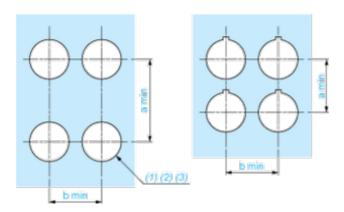


### **ZB5AW0B62**

#### Mounting and Clearance

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

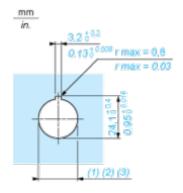
#### Connection by Screw Clamp Terminals or Plug-in Connectors or on Printed Circuit Board



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

<b>U</b>			U	
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.  $_0^{+0.016}$ )