# **Product data sheet**

Specifications





Complete body/light block assembly, Harmony XB5, XB4, green light, with body/fixing collar, integral LED, 12V AC

ZB5AVJ3

(!) Discontinued on: Jan 9, 2023

① Discontinued

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

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 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	Green				

### 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 V 3)EN 60947-1
[Uimp] Rated Impulse Withstand Voltage	6 kV EN 60947-1
Signalling Type	Steady
[Us] Rated Supply Voltage	12 V AC/DC 50/60 Hz
Supply Voltage Limits	1015 V DC 10.213.8 V AC
Current Consumption	18 mA

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

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	-40158 °F (-4070 °C)
Ambient Air Temperature For Operation	-40158 °F (-4070 °C)
Electrical Shock Protection Class	Class II IEC 60536
Standards	EN/IEC 60947-1 CSA C22.2 No 14 UL 508 EN/IEC 60947-5-1 EN/IEC 60947-5-4 JIS C8201-5-1 JIS C8201-1
Product Certifications	CSA BV LROS (Lloyds register of shipping) UL Listed DNV GL
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	US1000I22000
Discount Schedule	0001
Gtin	3389110069860
Returnability	No
Country Of Origin	FR

# **Packing Units**

Unit Type Of Package 1	PCE
Number Of Units In Package 1	1
Package 1 Height	1.97 in (5 cm)
Package 1 Width	1.26 in (3.2 cm)
Package 1 Length	1.81 in (4.6 cm)
Package 1 Weight	0.78 oz (22 g)
Unit Type Of Package 2	BB1
Number Of Units In Package 2	5

Package 2 Height	2.13 in (5.4 cm)
Package 2 Width	10.24 in (26 cm)
Package 2 Length	1.30 in (3.3 cm)
Package 2 Weight	3.88 oz (110 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	5.59 lb(US) (2.534 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**

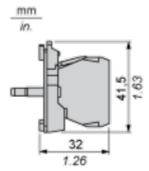
Reach Regulation	REACh Declaration			
Eu Rohs Directive	Pro-active compliance (Product out of EU RoHS legal scope)			
China Rohs Regulation	China RoHS declaration			
<b>Environmental Disclosure</b>	Product Environmental Profile			
Weee	The product must be disposed on European Union markets following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

## **Product data sheet**

### **ZB5AVJ3**

## **Dimensions Drawings**

### **Dimensions**

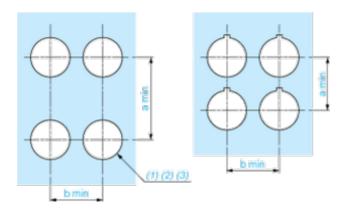


### ZB5AVJ3

#### Mounting and Clearance

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

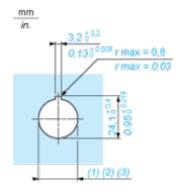
#### Connection by Screw Clamp Terminals or Plug-in Connectors or on Printed Circuit Board



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

				0
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.  $_0^{+0.016}$ )