# **Product datasheet**





! Discontinued

# Complete body/light block assembly, Harmony XB5, XB4, red flashing light with body/fixing collar integral LED 24 V

Local distributor code: 409066373 ZB5AV18B4

! Discontinued on: 6 Feb 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) EAN Code: 3389110841343

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

### Complementary

Cad Overall Width	30 mm
Cad Overall Height	42 mm
Cad Overall Depth	32 mm
Terminals Description Iso N°1	(X1-X2)PL
Net Weight	0.022 kg
Tightening Torque	0.81.2 N.m conforming to EN 60947-1
Shape Of Screw Head	Cross compatible with Philips no 1 screwdriver Cross compatible with pozidriv No 1 screwdriver Slotted compatible with flat Ø 4 mm screwdriver Slotted compatible with flat Ø 5.5 mm screwdriver
[Ui] Rated Insulation Voltage	600 V (pollution degree 3) conforming to EN 60947-1
[Uimp] Rated Impulse Withstand Voltage	6 kV conforming to EN 60947-1
Signalling Type	Flashing
[Us] Rated Supply Voltage	24 V AC/DC at 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 conforming to IEC 61000-4-5

## **Environment**

Protective Treatment	TH					
Ambient Air Temperature For Storage	-4070 °C					
Ambient Air Temperature For Operation	-4070 °C					
Electrical Shock Protection Class	Class II conforming to IEC 60536					
Standards	EN/IEC 60947-5-1 CSA C22.2 No 14 JIS C8201-5-1 EN/IEC 60947-5-4 EN/IEC 60947-1 UL 508 JIS C8201-1					
Product Certifications	DNV UL listed GL BV CSA LROS (Lloyds register of shipping)					
Vibration Resistance	5 gn (f= 2500 Hz) conforming to IEC 60068-2-6					
Shock Resistance	30 gn (duration = 18 ms) for half sine wave acceleration conforming to IEC 60068-2-27 50 gn (duration = 11 ms) for half sine wave acceleration conforming to IEC 60068-2-27					
Resistance To Fast Transients	2 kV conforming to IEC 61000-4-4					
Resistance To Electromagnetic Fields	10 V/m conforming to IEC 61000-4-3					
Resistance To Electrostatic Discharge	6 kV on contact (on metal parts) conforming to IEC 61000-2-6 8 kV in free air (in insulating parts) conforming to IEC 61000-2-6					
Electromagnetic Emission	Class B conforming to IEC 55011					

# **Packing Units**

Unit Type Of Package 1	PCE
Number Of Units In Package 1	1
Package 1 Height	5.6 cm
Package 1 Width	3.4 cm
Package 1 Length	5.4 cm
Package 1 Weight	23.0 g
Unit Type Of Package 2	S02
Number Of Units In Package 2	100
Package 2 Height	15.0 cm
Package 2 Width	30.0 cm
Package 2 Length	40.0 cm
Package 2 Weight	2.655 kg

## **Contractual warranty**

Warranty 18 months



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**Guide to assessing product sustainability** is a white paper that clarifies global eco-label standards and how to interpret environmental declarations.

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Guide to assess a product's sustainability >





Transparency RoHS/REACh

### Well-being performance



Mercury Free



Rohs Exemption Information

Yes

#### **Certifications & Standards**

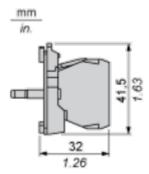
Reach Regulation	REACh Declaration
Eu Rohs Directive	Pro-active compliance (Product out of EU RoHS legal scope)
China Rohs Regulation	China RoHS declaration
Environmental Disclosure	Product Environmental Profile
Weee	The product must be disposed on European Union markets following specific waste collection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

## **Product datasheet**

## **ZB5AV18B4**

## **Dimensions Drawings**

### **Dimensions**



#### Mounting and Clearance

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

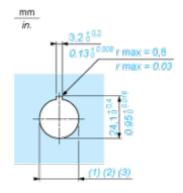
#### Connection by Screw Clamp Terminals or Plug-in Connectors or on Printed Circuit Board



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

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