

# ZB5AVB1

Harmony XB5, Light block with body/fixing collar, plastic, white, integral LED, 24 V AC/DC



Product availability: Stock - Normally stocked in distribution facility

Price\*: 57.00 USD



## 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, $\leq 2 \times 1.5 \text{ mm}^2$ with cable end EN 60947-1 Screw clamp terminals, $\geq 1 \times 0.22 \text{ mm}^2$ without cable end EN 60947-1
Light source	Protected LED
Bulb base	Integral LED
Light source colour	White

## 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	7.08 ... 10.62 Lbf.In (0.8 ... 1.2 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	24 V AC/DC 50/60 Hz
Supply voltage limits	19.2 ... 30 V DC 21.6 ... 26.4 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

Protective treatment	TH
Ambient air temperature for storage	-40...158 °F (-40...70 °C)
Ambient air temperature for operation	-40...158 °F (-40...70 °C)
Electrical shock protection class	Class II IEC 60536
Standards	JIS C8201-5-1 EN/IEC 60947-5-4 EN/IEC 60947-5-1 UL 508 EN/IEC 60947-1 CSA C22.2 No 14 JIS C8201-1
Product certifications	LROS (Lloyds register of shipping) GL BV CSA DNV UL Listed
Vibration resistance	5 gn 2...500 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	03389110907759
Nbr. of units in pkg.	1
Package weight(Lbs)	0.78 Oz (22 g)
Returnability	Yes
Country of origin	FR

## Packing Units

Unit Type of Package 1	PCE
Package 1 Height	1.34 In (3.4 cm)
Package 1 width	2.13 In (5.4 cm)
Package 1 Length	2.20 In (5.6 cm)
Unit Type of Package 2	BB1
Number of Units in Package 2	5
Package 2 Weight	3.92 Oz (111 g)
Package 2 Height	1.34 In (3.4 cm)
Package 2 width	2.20 In (5.6 cm)
Package 2 Length	10.43 In (26.5 cm)
Unit Type of Package 3	S03
Number of Units in Package 3	200
Package 3 Weight	10.88 Lb(US) (4.934 kg)
Package 3 Height	11.81 In (30 cm)
Package 3 width	11.81 In (30 cm)
Package 3 Length	15.75 In (40 cm)

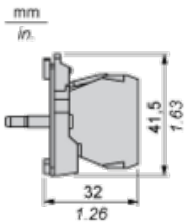
## Offer Sustainability

Sustainable offer status	Green Premium product
California proposition 65	WARNING: This product can expose you to chemicals including: Lead and lead compounds, which is known to the State of California to cause cancer and birth defects or other reproductive harm. For more information go to <a href="http://www.P65Warnings.ca.gov">www.P65Warnings.ca.gov</a>
REACH Regulation	<a href="#">REACH Declaration</a>
REACH free of SVHC	Yes
EU RoHS Directive	Pro-active compliance (Product out of EU RoHS legal scope) <a href="#">EU RoHS Declaration</a>
Mercury free	Yes
RoHS exemption information	<a href="#">Yes</a>
China RoHS Regulation	<a href="#">China RoHS Declaration</a>
Environmental Disclosure	<a href="#">Product Environmental Profile</a>
Circularity Profile	<a href="#">End Of Life Information</a>
WEEE	The product must be disposed on European Union markets following specific waste collection and never end up in rubbish bins.

## Contractual warranty

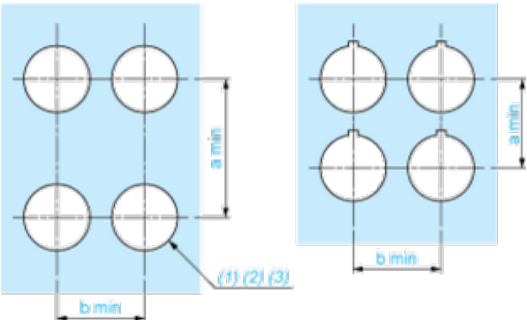
Warranty	18 months
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Dimensions



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

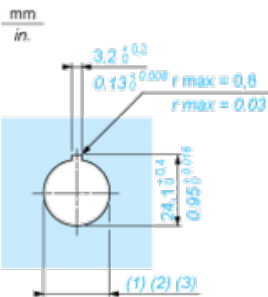
Connection by Screw Clamp Terminals or Plug-in Connectors or on Printed Circuit Board



- (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 ( $\text{Ø}22.3 \text{ }_0^{+0.4}$ ) / Ø0.89 in. recommended ( $\text{Ø}0.88 \text{ in. }_0^{+0.016}$ )

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) Ø22.5 mm recommended ( $\text{Ø}22.3 \text{ }_0^{+0.4}$ ) / Ø0.89 in. recommended ( $\text{Ø}0.88 \text{ in. }_0^{+0.016}$ )

Product Life Status : Commercialised