## ZB5AV5D3

Complete body/light block assembly, Harmony XB5, XB4, green light, with body/fixing collar, BA9s LED bulb, 400V AC





### 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 mm <sup>2</sup> with cable end conforming to IEC 60947-1 Screw clamp terminals, >= 1 x 0.22 mm <sup>2</sup> without cable end conforming to IEC 60947-1			
Light source	LED			
Bulb base	BA 9s			
Light block supply	Via integral transformer 1.2 VA 6 V			
Light source colour	Green			

## Complementary

CAD overall width	30 mm				
CAD overall height	42 mm				
CAD overall depth	55 mm				
Terminals description ISO n°1	(X1-X2)PL				
Net weight	0.102 kg				
Tightening torque	0.81.2 N.m conforming to IEC 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 IEC 60947-1				
[Uimp] rated impulse withstand voltage	6 kV conforming to IEC 60947-1				
Signalling type	Steady				
[Us] rated supply voltage	400 V AC at 50/60 Hz				
Mounting of block	Front mounting				
Electrical composition code	P4 M9				

### 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	JIS C8201-5-1 CSA C22.2 No 14 IEC 60947-5-1 IEC 60947-5-4 UL 508 IEC 60947-1 JIS C8201-1				
Product certifications	DNV[RETURN]UL listed[RETURN]GL[RETURN]LROS (Lloyds register of shipping)[RETURN]CSA[RETURN]BV				

The information provided in this documentation contains general descriptions and/or technical characteristics of the performance of the products contained herein. This documentation is not intended as a substitute for and is not to be used for determining suitability of these products for specific user applications. This characteristic is not integrated to perform the appropriate and complete risk analysis, evaluation and testing of the products with respect to the relevant specific application or use thereof. Neither Schneider Electric Industries SAS nor any of its affiliates or subsidiaries shall be responsible or liable for misuse of the information contained herein.

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				
Packing Units					
Unit Type of Package 1	PCE				
Number of Units in Package 1	1				
Package 1 Height	8.8 cm				
Package 1 Width	3.4 cm				
Package 1 Length	5.4 cm				
Package 1 Weight	102.0 g				
Offer Sustainability					
Sustainable offer status	Green Premium product				
REACh Regulation	REACh Declaration				
EU RoHS Directive	Pro-active compliance (Product out of EU RoHS legal scope)				
Mercury free	Yes				
China RoHS Regulation	☐ China RoHS Declaration				
RoHS exemption information	₫Yes				
WEEE	The product must be disposed on European Union markets following specific waste collection and never end up in rubbish bins				

18 months

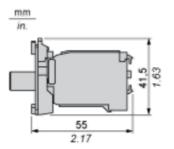
Contractual warranty

Warranty

# Product data sheet Dimensions Drawings

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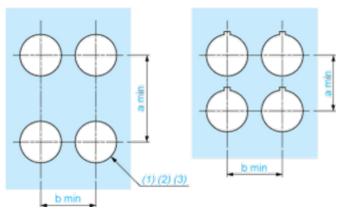
## **Dimensions**



## ZB5AV5D3

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

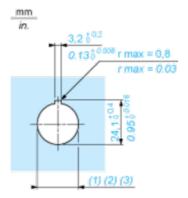
Connection by Screw Clamp Terminals or Plug-in Connectors or on Printed Circuit Board



- (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  $_0$  <sup>+0.4</sup>) / Ø0.89 in. recommended (Ø0.88 in.  $_0$  <sup>+0.016</sup>)

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  $_0$  <sup>+0.4</sup>) / Ø0.89 in. recommended (Ø0.88 in.  $_0$  <sup>+0.016</sup>)