

Product data sheet

Specifications



Head for double headed push button, Harmony XB5, 2 rectangular green/red flush, 22mm, spring return, unmarked

ZB5AA7340

Product availability: Stock - Normally stocked in distribution facility

Price*: 35.50 USD

Main

Range of Product	Harmony XB5
Product or Component Type	Head for double-headed push-button
Device short name	ZB5
Bezel material	Dark grey plastic
Mounting diameter	0.9 in (22 mm)
Head type	Standard
Sale per indivisible quantity	1
Shape of signaling unit head	Rectangular
Type of operator	spring return
Operator profile	2 flush push-buttons
Operators description	Green unmarked - red unmarked

Complementary

CAD overall width	1.2 in (30 mm)
CAD overall height	2.0 in (50 mm)
CAD overall depth	1.2 in (30 mm)
Net Weight	0.051 lb(US) (0.023 kg)
Colour of marking	Black marking when white caps White marking when green, red or black caps
Operator profile	Green flush, unmarked Red flush, unmarked
Mechanical durability	1000000 cycles
Station name	XALD 1 cut-out
Electrical composition code	C3 6 single front mounting C4 6 single and double front mounting C14 2 single front mounting SF2 2 single front mounting SR2 2 single rear mounting
device presentation	Basic element

Environment

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

Disclaimer: This documentation is not intended as a substitute for and is not to be used for determining suitability or reliability of these products for specific user applications

Ambient Air Temperature for Storage	-40.0000000000...158.0000000000 °F (-40...70 °C)
Ambient Air Temperature for Operation	-13.0000000000...158.0000000000 °F (-25...70 °C)
Electrical shock protection class	Class II IEC 60536
IP degree of protection	IP66 IEC 60529 IP69K IEC 60529
NEMA degree of protection	NEMA 13 NEMA 4X
Resistance to high pressure washer	1015.3 psi (7000000 Pa) 131.0000000000 °F (55 °C) 0.1 m
IK degree of protection	IK03 conforming to IEC 50102
Standards	EN/IEC 60947-5-1 CSA C22.2 No 14 EN/IEC 60947-1 UL 508 EN/IEC 60947-5-4 JIS C8201-5-1 JIS C8201-1
Product Certifications	UL Listed LROS (Lloyds register of shipping) BV GL CSA DNV
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

Ordering and shipping details

Category	US10CS222467
Discount Schedule	0CS2
GTIN	3389119043281
Returnability	Yes
Country of origin	FR

Packing Units

Unit Type of Package 1	PCE
Number of Units in Package 1	1
Package 1 Height	1.8 in (4.5 cm)
Package 1 Width	1.3 in (3.3 cm)
Package 1 Length	2.09 in (5.3 cm)
Package 1 Weight	0.9 oz (25 g)
Unit Type of Package 2	BB1
Number of Units in Package 2	5
Package 2 Height	1.3 in (3.3 cm)
Package 2 Width	1.8 in (4.5 cm)
Package 2 Length	9.8 in (25 cm)
Package 2 Weight	4.6 oz (130 g)
Unit Type of Package 3	S03
Number of Units in Package 3	200

Package 3 Height	11.8 in (30 cm)
Package 3 Width	11.8 in (30 cm)
Package 3 Length	15.7 in (40 cm)
Package 3 Weight	13.036 lb(US) (5.913 kg)

Contractual warranty

Warranty	18 months
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Sustainability

Green Premium™ label is Schneider Electric’s commitment to delivering products with best-in-class environmental performance. Green Premium promises compliance with the latest regulations, transparency on environmental impacts, as well as circular and low-CO₂ 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

✓	Reach Free Of Svhc	
✓	Toxic Heavy Metal Free	
✓	Mercury Free	
✓	Rohs Exemption Information	Yes

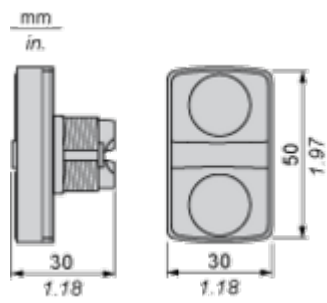
Certifications & Standards

Reach Regulation	REACH Declaration
Eu Rohs Directive	Pro-active compliance (Product out of EU RoHS legal scope) EU RoHS Declaration
China Rohs Regulation	China RoHS declaration
Environmental Disclosure	Product Environmental Profile
Circularity Profile	End of Life Information
California Proposition 65	WARNING: This product can expose you to chemicals including: Di-isodecyl phthalate (DIDP), which is known to the State of California to cause birth defects or other reproductive harm. For more information go to www.P65Warnings.ca.gov

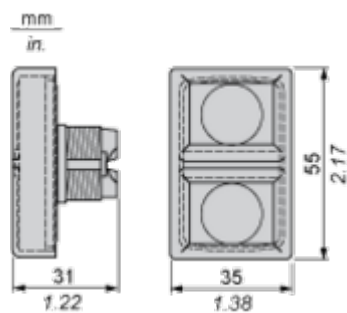
Dimensions Drawings

Dimensions

Without Boot



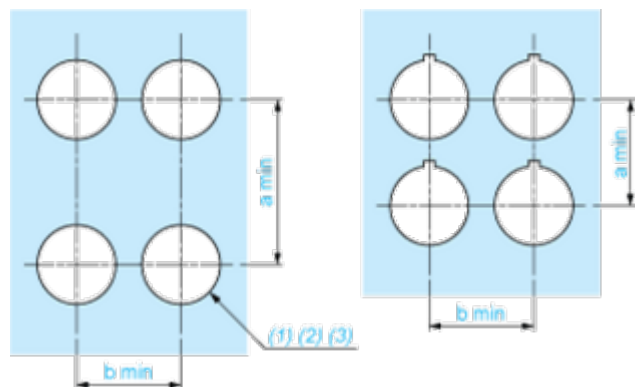
With Boot ZBA708



Mounting and Clearance

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

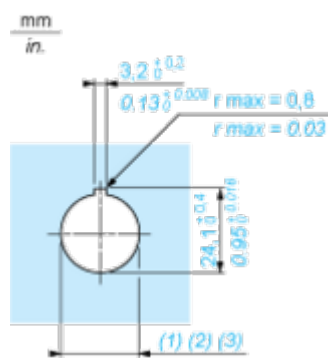
Connection by Screw Clamp Terminals or Plug-in Connectors or on Printed Circuit Board



- (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 ($\text{Ø}22.3 \begin{smallmatrix} +0.4 \\ 0 \end{smallmatrix}$) / Ø0.89 in. recommended ($\text{Ø}0.88 \text{ in. } \begin{smallmatrix} +0.016 \\ 0 \end{smallmatrix}$)

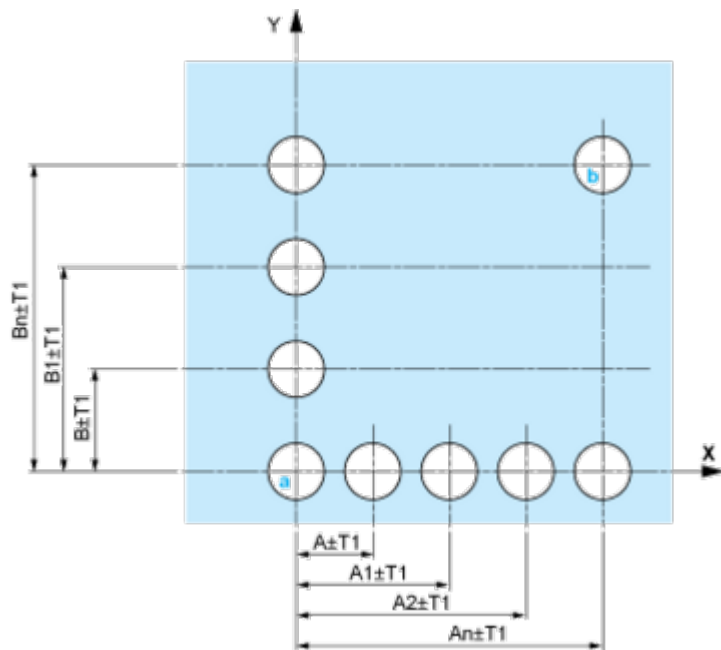
Connections	a in mm	a in in.	b in mm	b in in.
By screw clamp terminals or plug-in connector	40	1.57	30	1.18
By Faston connectors	45	1.77	32	1.26
On printed circuit board	30	1.18	30	1.18

Detail of Lug Recess



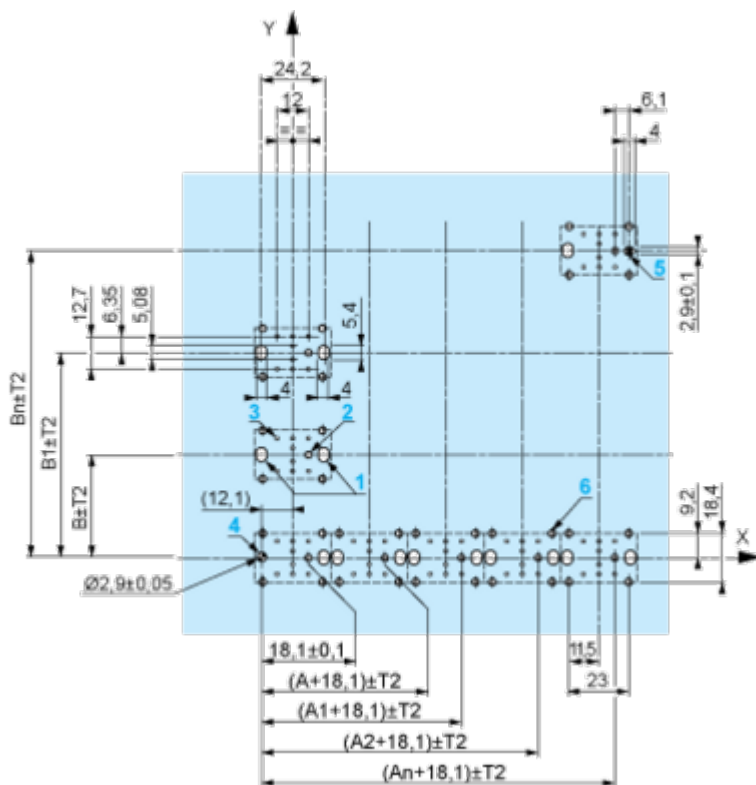
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Panel Cut-outs (Viewed from Installer's Side)

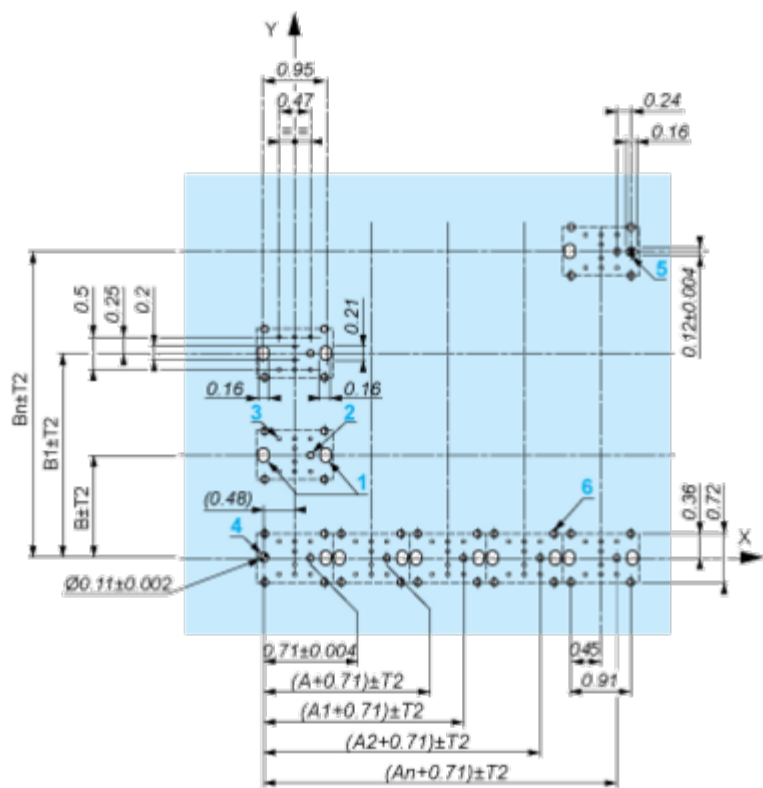


B: 40 mm min. / 1.57 in. min.

Dimensions in mm



Dimensions in in.



A: 1.18 in. min.

B: 1.57 in. min.

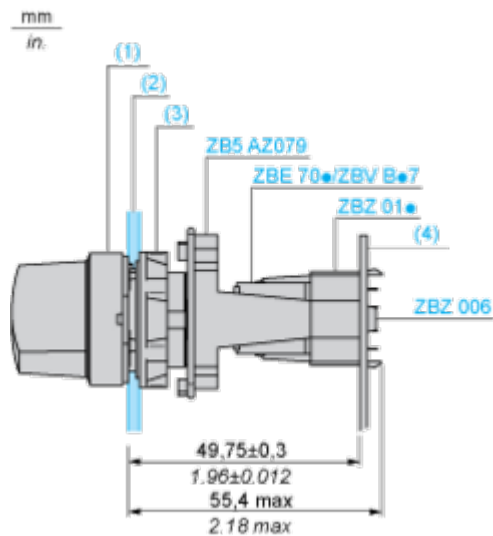
General Tolerances of the Panel and Printed Circuit Board

The cumulative tolerance must not exceed 0.3 mm / 0.012 in.: $T_1 + T_2 = 0.3 \text{ mm max.}$

Installation Precautions

- Minimum thickness of circuit board: 1.6 mm / 0.06 in.
- Cut-out diameter: 22.4 mm ± 0.1 / 0.88 in. ± 0.004
- Orientation of body/fixing collar ZB5AZ009: $\pm 2^\circ 30'$ (excluding cut-outs marked a and b).
- Tightening torque of screws ZBZ006: 0.6 N.m (5.3 lbf.in) max.
- Allow for one ZB5AZ079 fixing collar/pillar and its fixing screws:
 - every 90 mm / 3.54 in. horizontally (X), and 120 mm / 4.72 in. vertically (Y).
 - with each selector switch head (ZB5AD*, ZB5AJ*, ZB5AG*).

The fixing centers marked a and b are diagonally opposed and must align with those marked 4 and 5.



- (1) Head ZB5AD•
- (2) Panel
- (2) Nut
- (4) Printed circuit board

Mounting of Adapter (Socket) ZBZ01•

- 1 2 elongated holes for ZBZ006 screw access
- 2 1 hole $\varnothing$ 2.4 mm $\pm$ 0.05 / 0.09 in. $\pm$ 0.002 for centring adapter ZBZ01•
- 3 8 $\times$ $\varnothing$ 1.2 mm / 0.05 in. holes
- 4 1 hole $\varnothing$ 2.9 mm $\pm$ 0.05 / 0.11 in. $\pm$ 0.002, for aligning the printed circuit board (with cut-out marked **a**)
- 5 1 elongated hole for aligning the printed circuit board (with cut-out marked **b**)
- 6 4 holes $\varnothing$ 2.4 mm / 0.09 in. for clipping in adapter ZBZ01•

Dimensions An + 18.1 relate to the $\varnothing$ 2.4 mm $\pm$ 0.05 / 0.09 in. $\pm$ 0.002 holes for centring adapter ZBZ01•.

Technical Description

Electrical Composition Corresponding to Code C3



Electrical Composition Corresponding to Code C4



Electrical Composition Corresponding to Codes C14, SF2 and SR2



Legend

Single contact



Double contact



Light block



Possible location

