

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

#### 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	тн
Ambient Air Temperature for	-40158 °F (-4070 °C)

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

Ambient Air Temperature for Operation	-13158 °F (-2570 °C)			
Electrical shock protection class	Class II conforming to 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 °F (55 °C) 0.1 m			
IK degree of protection	IK03 conforming to IEC 50102			
Standards	IEC 60947-5-1 CSA C22.2 No 14 IEC 60947-1 UL 508 IEC 60947-5-4 JIS C8201-5-1 JIS C8201-1			
Product Certifications	CSA DNV BV LROS (Lloyds register of shipping) UL Listed			
Vibration resistance	5 gn (f= 2500 Hz) conforming to 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	1.77 in (4.5 cm)
Package 1 Width	1.30 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	1.30 in (3.3 cm)
Package 2 Width	1.77 in (4.5 cm)
Package 2 Length	9.84 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	11.81 in (30 cm)

Package 3 Width	11.81 in (30 cm)
Package 3 Length	15.75 in (40 cm)
Package 3 Weight	13.036 lb(US) (5.913 kg)

## **Contractual warranty**

Warranty 18 months



Schneider Electric aims to achieve Net Zero status by 2050 through supply chain partnerships, lower impact materials, and circularity via our ongoing "Use Better, Use Longer, Use Again" campaign to extend product lifetimes and recyclability.

#### Environmental Data explained >

How we assess product sustainability >

☑ Environmental footprint	
Carbon footprint (kg CO2 eq, Total Life cycle)	1
Environmental Disclosure	Product Environmental Profile

#### **Use Better**

Packaging made with recycled cardboard	Yes
Packaging without single use plastic	Yes
EU RoHS Directive	Pro-active compliance (Product out of EU RoHS legal scope)
REACh Regulation	REACh Declaration
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

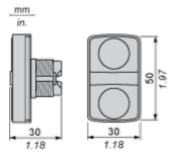
#### **Use Again**

○ Repack and remanufacture	
Circularity Profile	End of Life Information
Take-back	No

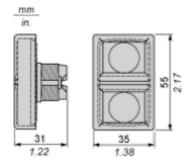
## **Dimensions Drawings**

## **Dimensions**

#### **Without Boot**



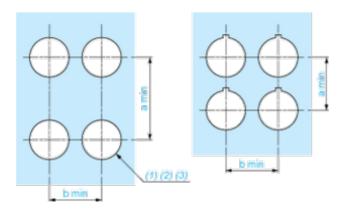
#### With Boot ZBA708



#### Mounting and Clearance

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

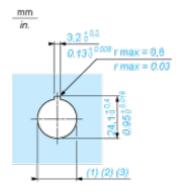
#### Connection by Screw Clamp Terminals or Plug-in Connectors or on Printed Circuit Board



- (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 (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

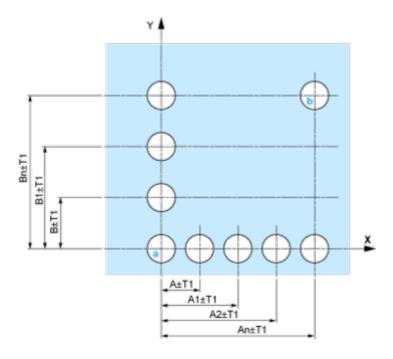
#### **Detail of Lug Recess**



- (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) Ø22.5 mm recommended (Ø22.3  $_0^{+0.4}$ ) / Ø0.89 in. recommended (Ø0.88 in.  $_0^{+0.016}$ )

#### Pushbuttons, Switches and Pilot Lights for Printed Circuit Board Connection

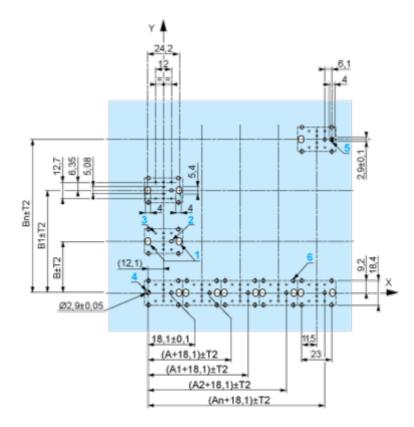
#### Panel Cut-outs (Viewed from Installer's Side)



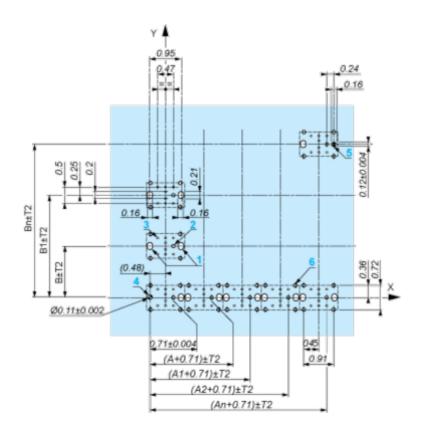
**A:** 30 mm min. / 1.18 in. min. **B:** 40 mm min. / 1.57 in. min.

#### Printed Circuit Board Cut-outs (Viewed from Electrical Block Side)

Dimensions in mm



A: 30 mm min. B: 40 mm min. Dimensions in in.



**A:** 1.18 in. min. **B:** 1.57 in. min.

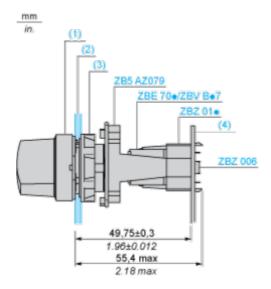
#### General Tolerances of the Panel and Printed Circuit Board

The cumulative tolerance must not exceed 0.3 mm / 0.012 in.: T1 + T2 = 0.3 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: ± 2°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:
  - $_{\circ}$  every 90 mm / 3.54 in. horizontally (X), and 120 mm / 4.72 in. vertically (Y).
  - o with each selector switch head (ZB5AD•, ZB5AJ•, ZB5AG•).

The fixing centers marked  ${\bf a}$  and  ${\bf b}$  are diagonally opposed and must align with those marked  ${\bf 4}$  and  ${\bf 5}$ .



#### Product data sheet

#### **ZB5AA7340**

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

#### Mounting of Adapter (Socket) ZBZ01•

- 1 2 elongated holes for ZBZ006 screw access
- $_{\bullet}$  2 1 hole Ø 2.4 mm ± 0.05 / 0.09 in. ± 0.002 for centring adapter ZBZ01  $\!\!^{\bullet}$
- 3 8 × Ø 1.2 mm / 0.05 in. holes
- 4 1 hole Ø 2.9 mm ± 0.05 / 0.11 in. ± 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 Ø 2.4 mm / 0.09 in. for clipping in adapter ZBZ01•

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

## **Product data sheet**

## **ZB5AA7340**

**Technical Description** 

**Electrical Composition Corresponding to Code C3** 



## **Electrical Composition Corresponding to Code C4**



## **Product data sheet**

## ZB5AA7340

**Electrical Composition Corresponding to Codes C14, SF2 and SR2** 



## Legend

Single contact



Double contact



Light block



Possible location



#### **Technical Illustration**

## **Dimensions**

