Specifications





Head for illuminated triple headed push button, Harmony XB4, metal, 22mm, 2 flush push buttons, 1 central projecting red STOP, spring return, unmarked

ZB4BA791

Product availability: Non-Stock - Not normally stocked in distribution facility

#### Price\*: 51.00 USD

#### Main

Range of Product	Harmony XB4
Product or Component Type	Head for triple-headed push-button
Device short name	ZB4
Bezel material	Chromium plated metal
Mounting diameter	0.9 in (22 mm)
Sale per indivisible quantity	1
Head type	Standard
Shape of signaling unit head	Rectangular
Type of operator	spring return
Operator profile	2 flush - 1 central projecting STOP push-buttons
Operators description	Black pushes without cap - red "STOP"

### Complementary

0.123 lb(US) (0.056 kg)	
1015.3 psi (7000000 Pa) 131.0000000000 °F (55 °C) 0.1 m	
Black marking when white caps White marking when green, red or black caps	
Red projecting, STOP white) without cap	
1000000 cycles	
C1 9 single front mounting C2 9 single and double front mounting C11 3 single front mounting	
Basic element	

### Environment

Ambient Air Temperature for Storage	-40.00000000158.000000000 °F (-4070 °C)
Ambient Air Temperature for Operation	-13.000000000158.000000000 °F (-2570 °C)
Electrical shock protection class	Class I IEC 60536
IP degree of protection	IP69 IEC 60529

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

NEMA degree of protection	NEMA 13 NEMA 4X
IK degree of protection	IK06 conforming to IEC 50102
Standards	IEC 60947-5-4 JIS C8201-5-1 IEC 60947-1 IEC 60947-5-1 CSA C22.2 No 14 IEC 60947-5-5 UL 508 JIS C8201-1
Product Certifications	UL Listed DNV CSA GL LROS (Lloyds register of shipping) BV
Vibration resistance	5 gn 2500 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	US10CS222468
Discount Schedule	0CS2
GTIN	3389119043717
Returnability	No
Country of origin	FR

### **Packing Units**

J	
Unit Type of Package 1	PCE
Number of Units in Package 1	1
Package 1 Height	2.2 in (5.5 cm)
Package 1 Width	1.3 in (3.3 cm)
Package 1 Length	2.09 in (5.3 cm)
Package 1 Weight	2.01 oz (57 g)
Unit Type of Package 2	BB1
Number of Units in Package 2	5
Package 2 Height	2.2 in (5.5 cm)
Package 2 Width	1.3 in (3.3 cm)
Package 2 Length	10.4 in (26.5 cm)
Package 2 Weight	10.09 oz (286 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	26.37 lb(US) (11.96 kg)

### **Contractual warranty**

Warranty

18 months

### Sustainability Screen Premium

**Green Premium<sup>TM</sup> label** is Schneider Electric's commitment to delivering products with best-inclass environmental performance. Green Premium promises compliance with the latest regulations, transparency on environmental impacts, as well as circular and low-CO<sub>2</sub> 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

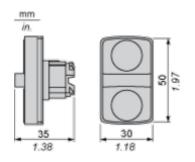
### **Certifications & Standards**

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

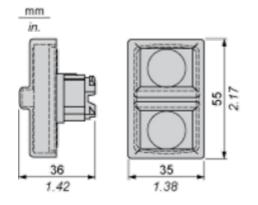
**Dimensions Drawings** 

#### Dimensions

#### Without Boot

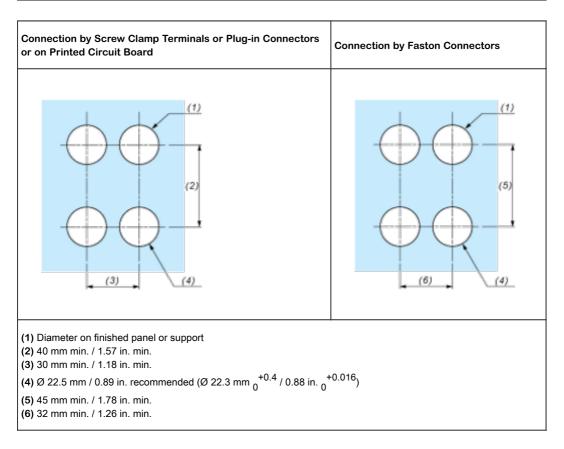


#### With Boot ZBA709



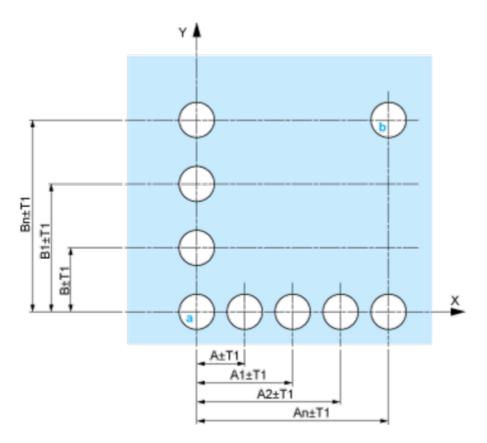
#### Mounting and Clearance

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



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

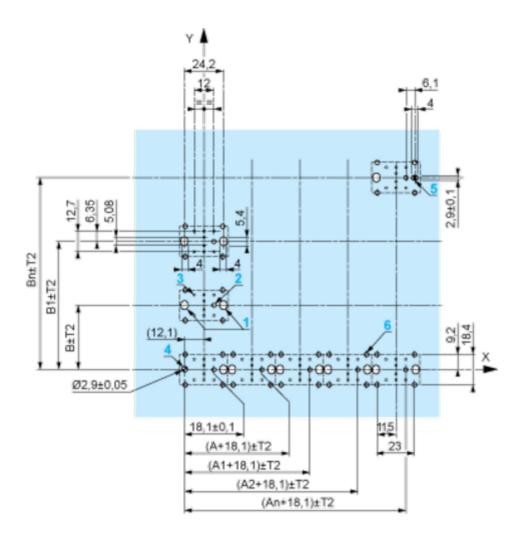
Panel Cut-outs (Viewed from Installer's Side)



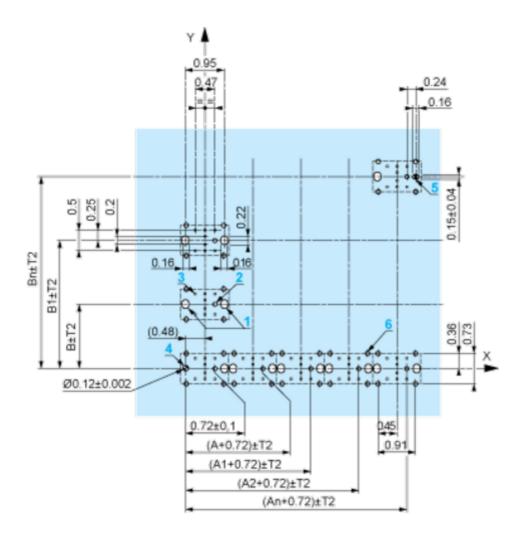
**A:** 30 mm min. / 1.18 in. min. **B:** 40 mm min. / 1.57 in. min.

### 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.

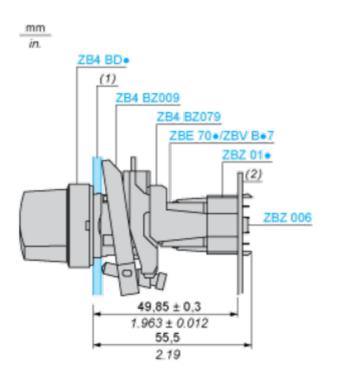
#### General Tolerances of the Panel and Printed Circuit Board

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 ZB4 BZ009: ± 2 30' (excluding cut-outs marked **a** and **b**).
- Tightening torque of screws ZBZ 006: 0.6 N.m (5.3 lbf.in) max.
- Allow for one ZB4 BZ079 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 (ZB4 BD•, ZB4 BJ•, ZB4 BG•).

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



(1) Panel

(2) Printed circuit board

#### Mounting of Adapter (Socket) ZBZ 01•

- 1 2 elongated holes for ZBZ 006 screw access
- 2 1 hole Ø 2.4 mm ± 0.05 / 0.09 in. ± 0.002 for centring adapter ZBZ 01•
- 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 ZBZ 01•

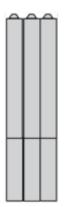
Dimensions An + 18.1 relate to the Ø 2.4 mm  $\pm$  0.05 / 0.09 in.  $\pm$  0.002 holes for centring adapter ZBZ 01•.

**Technical Description** 

Electrical Composition Corresponding to Code C1



Electrical Composition Corresponding to Code C2



Electrical Composition Corresponding to Codes C9, C11, SF1 and SR1

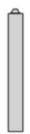


#### Legend

Single contact



Double contact



Light block



Possible location

