

Triple headed push button head, Harmony XB4, metal, 22mm, 1 white flush UP ARROW + 1 red projecting STOP + 1 black flush DOWN ARROW

ZB4BA71124

Product availability: Stock - Normally stocked in distribution facility

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	White "up arrow" - black "down arrow" - red "STOP"		

Complementary

Net Weight	0.123 lb(US) (0.056 kg)	
Resistance to high pressure washer	1015.3 psi (7000000 Pa) 131 °F (55 °C) 0.1 m	
Colour of marking	White marking when green, red or black caps Black marking when white caps	
Operator profile	Red projecting, STOP white) White flush, up arrow black) Black flush, down arrow white)	
Mechanical durability	1000000 cycles	
Electrical composition code	C1 9 single front mounting C2 9 single and double front mounting C11 3 single front mounting	
Device presentation	Basic element	

Environment

Ambient Air Temperature for Storage	-40158 °F (-4070 °C)
Ambient Air Temperature for Operation	-13158 °F (-2570 °C)
Electrical shock protection class	Class I conforming to 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 60947-5-5 IEC 60947-5-4 UL 508 IEC 60947-1 IEC 60947-5-1 CSA C22.2 No 14 JIS C8201-5-1 JIS C8201-1	
Product Certifications	CSA LROS (Lloyds register of shipping) BV UL Listed DNV	
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	US10CS222468
Discount Schedule	0CS2
GTIN	3389119603539
Returnability	Yes
Country of origin	FR

Packing Units

Unit Type of Package 1	PCE
Number of Units in Package 1	1
Package 1 Height	1.42 in (3.600 cm)
Package 1 Width	1.81 in (4.600 cm)
Package 1 Length	2.05 in (5.200 cm)
Package 1 Weight	1.975 oz (56.000 g)
Unit Type of Package 2	S03
Number of Units in Package 2	200
Package 2 Height	11.81 in (30.000 cm)
Package 2 Width	11.81 in (30.000 cm)
Package 2 Length	15.75 in (40.000 cm)
Package 2 Weight	26.167 lb(US) (11.869 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

Materials and Substances	
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

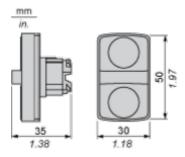
Use Again

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

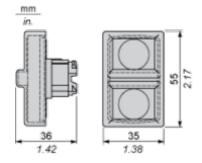
Dimensions Drawings

Dimensions

Without Boot



With Boot ZBA709

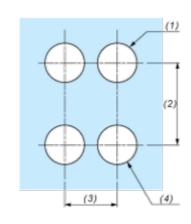


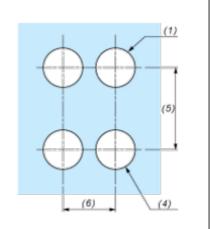
Mounting and Clearance

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

Connection by Faston Connectors

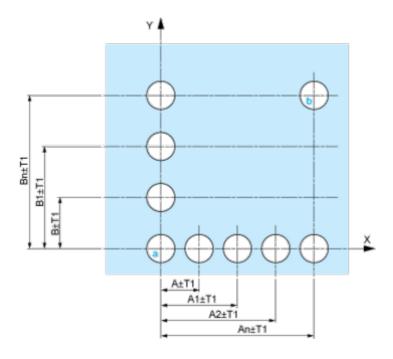




- (1) Diameter on finished panel or support
- (2) 40 mm min. / 1.57 in. min.
- (3) 30 mm min. / 1.18 in. min.
- (4) Ø 22.5 mm / 0.89 in. recommended (Ø 22.3 mm $_0^{+0.4}$ / 0.88 in. $_0^{+0.016}$)
- (5) 45 mm min. / 1.78 in. min.
- (6) 32 mm min. / 1.26 in. min.

Pushbuttons, Switches and Pilot Lights for Printed Circuit Board Connection

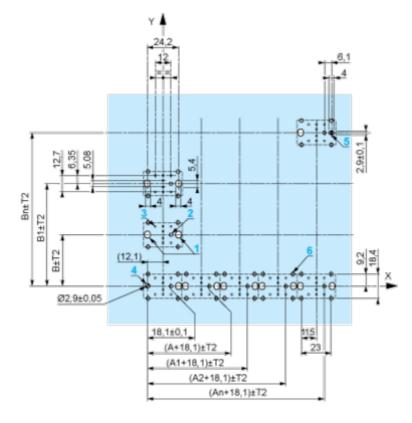
Panel Cut-outs (Viewed from Installer's Side)



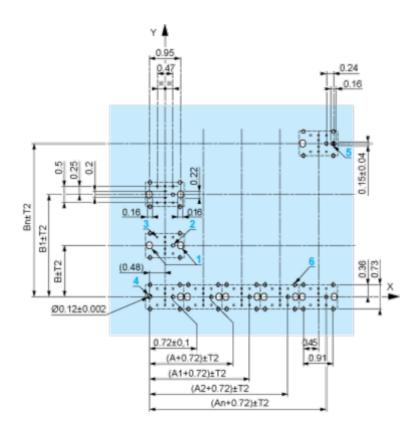
A: 30 mm min. / 1.18 in. min. **B:** 40 mm min. / 1.57 in. min.

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.

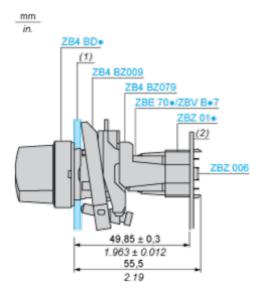
Installation Precautions

- 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**.

Product data sheet

ZB4BA71124



- (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
- $_{ullet}$ 4 1 hole Ø 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 Ø 2.4 mm / 0.09 in. for clipping in adapter ZBZ 01∙

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

Product data sheet

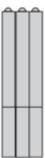
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Technical Description

Electrical Composition Corresponding to Code C1



Electrical Composition Corresponding to Code C2



Product data sheet ZB4BA71124

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



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Single contact



Double contact



Light block



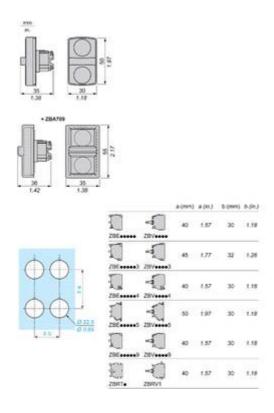
Possible location



ZB4BA71124

Technical Illustration

Dimensions



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Offer Marketing Illustration

Product benefits / Features

Technical Benefits

Harmony XB4



Offer Marketing Illustration

Product benefits / Features



Image of product / Alternate images

Alternative







