Specifications





Head for non illuminated push button, Harmony XB4, red flush, 22mm, spring return, clear boot, unmarked

ZB4BP48

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

Important message: A change in appearance may be noted on the product but does not affect its use in terms of function and safety. This makes it compatible with our Universal LED blocks

Price*: 29.00 USD

Main

Range of Product	Harmony XB4	
Product or Component Type	Head for non-illuminated push-button	
Device short name	ZB4	
Product compatibility	not compatible with legend holder	
Bezel material	Chromium plated metal	
Mounting diameter	0.9 in (22.5 mm)	
Sale per indivisible quantity	1	
Head type	Standard	
Shape of signaling unit head	Round	
Type of operator	spring return	
Operator profile	Red flush, unmarked	
Operator additional information	Clear boot for insertion of protected legend within head	
Cap/operator or lens colour	Red	

Complementary

CAD overall width	1.2 in (30 mm)	
CAD overall height	1.2 in (30 mm)	
CAD overall depth	1.5 in (37 mm)	
Mechanical durability	1000000 cycles	
Electrical composition code	C3 6 single front mounting C4 6 single and double front mounting C14 2 single front mounting	

device presentation

Basic element

Environment

protective treatment	тн
Ambient Air Temperature for Storage	-40.00000000158.000000000 °F (-4070 °C)
Ambient Air Temperature for Operation	-40.00000000158.000000000 °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.

Overvoltage category	Class I IEC 60536	
IP degree of protection	IP66 IEC 60529 IP67	
NEMA degree of protection	NEMA 13 NEMA 4X	
IK degree of protection	IK06 conforming to IEC 50102	
Standards	CSA C22.2 No 14 IEC 60947-5-4 IEC 60947-5-1 IEC 60947-1 UL 508 JIS C8201-5-1 IEC 60947-5-5 JIS C8201-1	
Product Certifications	UL Listed LROS (Lloyds register of shipping) DNV BV CSA GL	
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	3389110888058
Returnability	No
Country of origin	FR

Packing Units

PCE
1
1.260 in (3.200 cm)
2.047 in (5.200 cm)
3.228 in (8.200 cm)
1.164 oz (33.000 g)
BB1
5
3.465 in (8.800 cm)
1.339 in (3.400 cm)
10.433 in (26.500 cm)
5.891 oz (167.000 g)
S03
150
11.811 in (30.000 cm)
11.811 in (30.000 cm)

Package 3 Length

15.748 in (40.000 cm)

Package 3 Weight

12.419 lb(US) (5.633 kg)

Contractual warranty

Warranty

18 months

Sustainability Screen Premium

Green PremiumTM 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-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

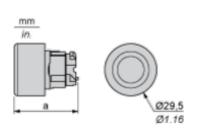
Reach Free Of Svhc
Toxic Heavy Metal Free
Mercury Free
Rohs Exemption Information Yes

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

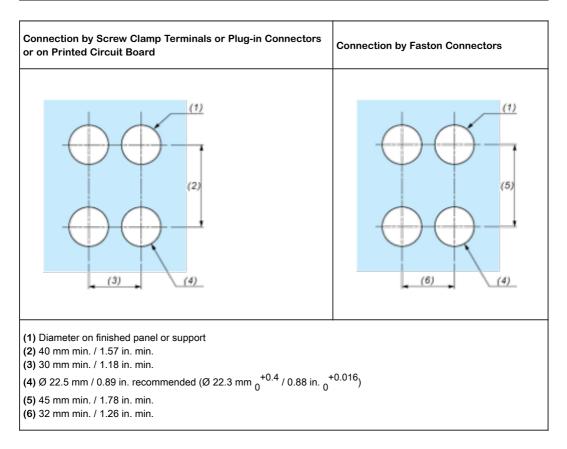
Dimensions



	a in mm	a in in.
ZB4BP••	36.5	1.44
ZB4BP•S	33	1.30
ZB4BP•83	32	1.26
ZB4BP•	35	1.38

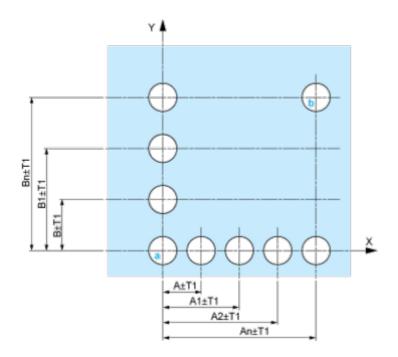
Mounting and Clearance

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



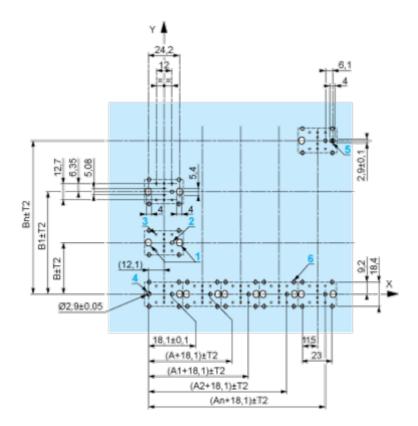
Pushbuttons, Switches and Pilot Lights for Printed Circuit Board Connection

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

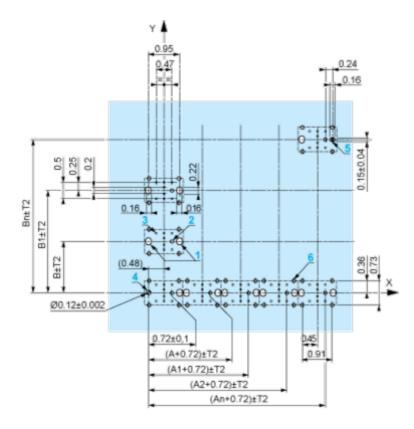


A: 30 mm min. / 1.18 in. min. **B:** 40 mm min. / 1.57 in. min.

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.

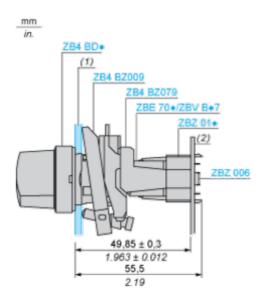
General Tolerances of the Panel and Printed Circuit Board

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:
 - 。 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 \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 \pm 0.05 / 0.09 in. \pm 0.002 holes for centring adapter ZBZ 01•.

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

