Specifications





① Discontinued

yellow projecting pushbutton head Ø22 push-push unmarked

ZB4BH5

() Discontinued on: Dec 2, 2020

(!) End-of-service on: Dec 31, 2020

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

Main

Range of Product	Harmony XB4	
Product or Component Type	Head for non-illuminated 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	Round	
Type of operator	push-push	
Operator profile	Yellow projecting, unmarked	

Complementary

CAD overall width	1.1 in (29 mm)	
CAD overall height	1.1 in (29 mm)	
CAD overall depth	1.3 in (33 mm)	
Mechanical durability	2000000 cycles	
Electrical composition code	C11 3 single front mounting C15 1 single front mounting C9 3 single front mounting	
device presentation	Basic element	

Environment

protective treatment	ТН	
Ambient Air Temperature for Storage	-40.000000000158.000000000 °F (-4070 °C)	
Ambient Air Temperature for Operation	-40.000000000158.0000000000 °F (-4070 °C)	
Overvoltage category	Class I IEC 60536	
IP degree of protection	IP66 IEC 60529 IP67 IP69 IP69K	
NEMA degree of protection	NEMA 13 NEMA 4X	

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

IK06 conforming to IEC 50102	
EN/IEC 60947-5-4	
UL 508	
EN/IEC 60947-1	
CSA C22.2 No 14	
JIS C8201-5-1	
EN/IEC 60947-5-1	
EN/IEC 60947-5-5	
JIS C8201-1	
LROS (Lloyds register of shipping)	
CSA	
UL Listed	
DNV	
GL	
BV	
5 gn 2500 Hz)IEC 60068-2-6	
30 gn 18 ms) half sine wave acceleration IEC 60068-2-27	
	EN/IEC 60947-5-4 UL 508 EN/IEC 60947-1 CSA C22.2 No 14 JIS C8201-5-1 EN/IEC 60947-5-1 EN/IEC 60947-5-5 JIS C8201-1 LROS (Lloyds register of shipping) CSA UL Listed DNV GL BV 5 gn 2500 Hz)IEC 60068-2-6

Ordering and shipping details

Category	US10CS222468
Discount Schedule	0CS2
GTIN	3389110888591
Returnability	No
Country of origin	FR

Packing Units

Unit Type of Package 1	PCE
Number of Units in Package 1	1
Package 1 Height	1.3 in (3.4 cm)
Package 1 Width	1.8 in (4.5 cm)
Package 1 Length	2.1 in (5.4 cm)
Package 1 Weight	1.09 oz (31 g)
Unit Type of Package 2	BB1
Number of Units in Package 2	5
Package 2 Height	1.3 in (3.4 cm)
Package 2 Width	1.8 in (4.5 cm)
Package 2 Length	10.4 in (26.5 cm)
Package 2 Weight	2.546 lb(US) (1.155 kg)
Unit Type of Package 3	S03
Number of Units in Package 3	300
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	21.499 lb(US) (9.752 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

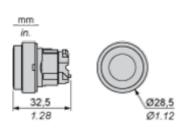
Certifications & Standards

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

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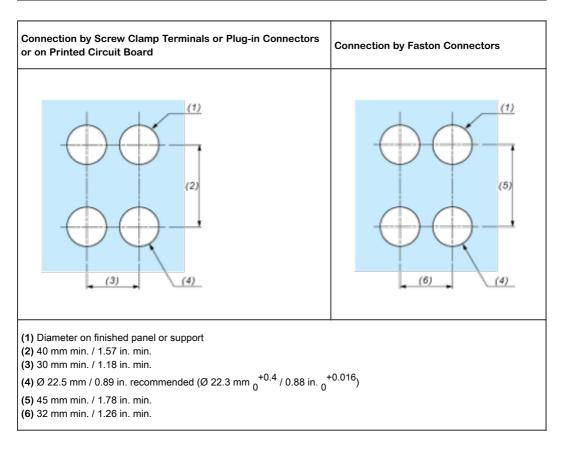
Dimensions Drawings

Dimensions



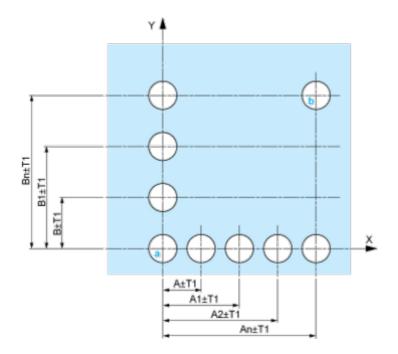
Mounting and Clearance

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



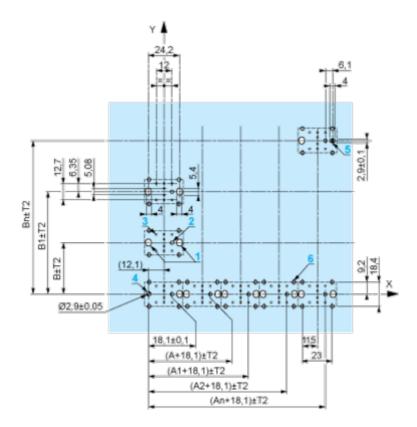
Pushbuttons, Switches and Pilot Lights for Printed Circuit Board Connection

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

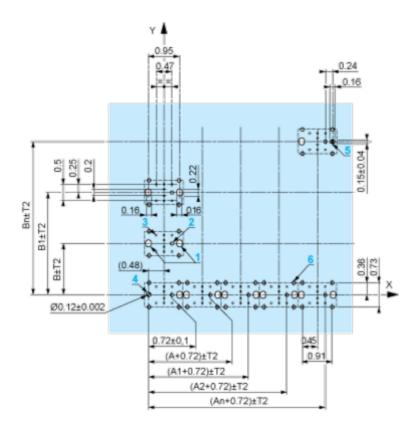


A: 30 mm min. / 1.18 in. min. **B:** 40 mm min. / 1.57 in. min.

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.

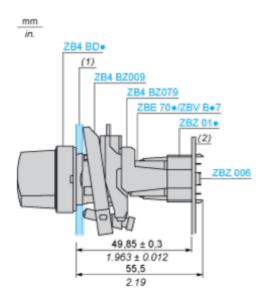
General Tolerances of the Panel and Printed Circuit Board

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).
 - 。 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 Codes C9, C11, SF1 and SR1



Electrical Composition Corresponding to Code C15

1 N/O



1 N/C



1 N/O + N/C or 1 N/O + N/O or 1 N/C + N/C

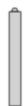


Legend

Single contact



Double contact



Light block



Possible location

