



Head for illuminated push button, Harmony XB4, metal, white projecting, 22mm, universal LED, spring return, plain lens

ZB4BW113

Product availability: Stock - 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*: 13.00 USD

Main

Range of Product	Harmony XB4	
Product or Component Type	Head for illuminated push-button	
Device short name	ZB4	
Product Compatibility	Universal LED	
Bezel material	Chromium plated metal	
Head type	Standard	
Mounting diameter	0.9 in (22.5 mm)	
Sale per indivisible quantity	1	
Shape of signaling unit head	Round	
Type of operator	spring return	
Operator profile	White projecting, unmarked	
Operator additional information	With plain lens	
Cap/operator or lens colour	White	

Complementary

CAD overall width	1.1 in (29 mm)			
CAD overall height	D overall height 1.1 in (29 mm)			
CAD overall depth	1.3 in (33 mm)			
Net Weight	0.064 lb(US) (0.029 kg)			
Resistance to high pressure washer	1015.3 psi (7000000 Pa) 131 °F (55 °C) 0.1 m			
Mechanical durability	10000000 cycles			
Electrical composition code	M1 6 single front mounting integral LED M2 6 single and double front mounting integral LED M6 2 single front mounting integral LED and transformer M10 2 single front mounting integral LED			
Device presentation	Basic sub-assemblies			

Environment

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

Protective treatment	ective treatment TH		
Ambient Air Temperature for Storage	-40158 °F (-4070 °C)		
Ambient Air Temperature for Operation	-40158 °F (-4070 °C)		
Overvoltage category	Class I IEC 60536		
IP degree of protection	IP66 IEC 60529 IP69 IP69K		
NEMA degree of protection	NEMA 13 NEMA 4X		
IK degree of protection	rotection IK05 conforming to IEC 62262		
Standards	JIS C8201-5-1 IEC 60947-5-5 CSA C22.2 No 14 IEC 60947-5-1 IEC 60947-5-4 UL 508 IEC 60947-1 JIS C8201-1		
Product Certifications	LROS (Lloyds register of shipping) GL UL Listed CSA DNV 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	3389110889840	
Returnability	Yes	
Country of origin	FR	

Packing Units

Unit Type of Package 1	PCE	
Number of Units in Package 1	1	
Package 1 Height	1.260 in (3.200 cm)	
Package 1 Width	1.496 in (3.800 cm)	
Package 1 Length	1.811 in (4.600 cm)	
Package 1 Weight	1.016 oz (28.800 g)	
Unit Type of Package 2	S03	
Number of Units in Package 2	300	
Package 2 Height	11.811 in (30.000 cm)	
Package 2 Width	11.811 in (30.000 cm)	
Package 2 Length	15.748 in (40.000 cm)	
Package 2 Weight	20.353 lb(US) (9.232 kg)	

Contractual warranty

Warranty

Oct 26, 2024

18 months



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	
Ø	Toxic Heavy Metal Free	
⊘	Mercury Free	
⊘	Rohs Exemption Information	Yes

Certifications & Standards

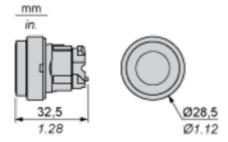
Reach Regulation	REACh Declaration		
Eu Rohs Directive	Pro-active compliance (Product out of EU RoHS legal scope) EU RoHS Declaration		
China Rohs Regulation	China RoHS declaration		
Environmental Disclosure	Product Environmental Profile		
Circularity Profile	End of Life Information		

Product data sheet

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Dimensions Drawings

Dimensions

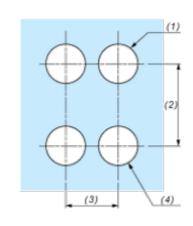


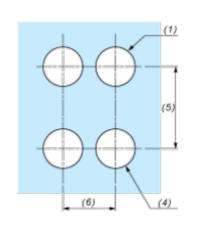
Mounting and Clearance

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

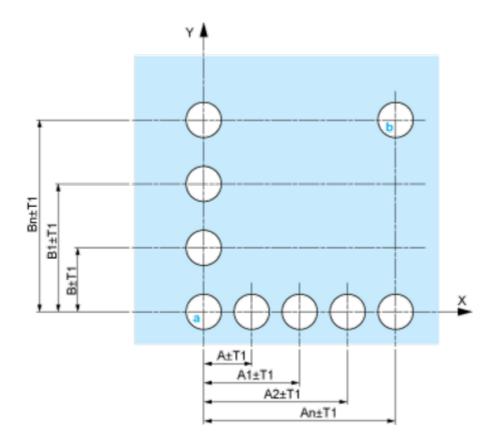




- (1) Diameter on finished panel or support
- (2) 40 mm min. / 1.57 in. min.
- (3) 30 mm min. / 1.18 in. min.
- (4) Ø 22.5 mm / 0.89 in. recommended (Ø 22.3 mm $_0^{+0.4}$ / 0.88 in. $_0^{+0.016}$)
- (5) 45 mm min. / 1.78 in. min.
- (6) 32 mm min. / 1.26 in. min.

Pushbuttons, Switches and Pilot Lights for Printed Circuit Board Connection

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



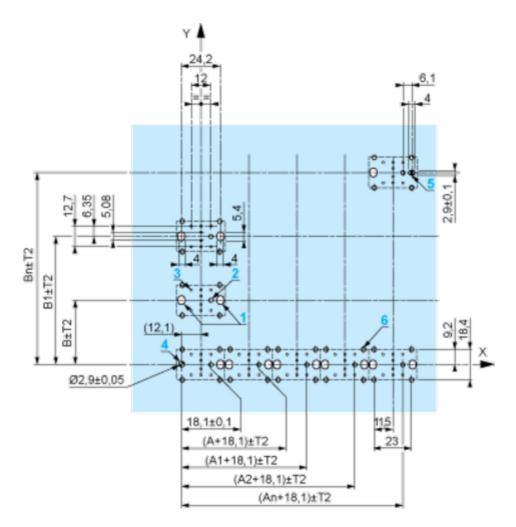
A: 30 mm min. / 1.18 in. min. **B:** 40 mm min. / 1.57 in. min.

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

Dimensions in mm

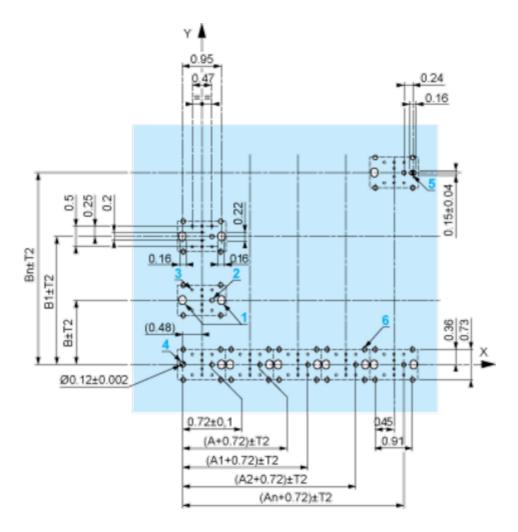
Product data sheet

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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

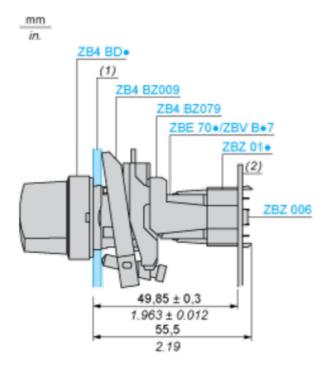
The cumulative tolerance must not exceed 0.3 mm / 0.012 in: T1 + T2 = 0.3 mm max.

Installation Precautions

- $_{\bullet}$ 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.

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(1) Panel

10

(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•

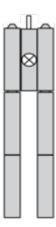
Dimensions An + 18.1 relate to the Ø 2.4 mm \pm 0.05 / 0.09 in. \pm 0.002 holes for centring adapter ZBZ 01•.

Product data sheet

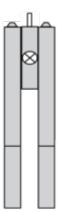
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Technical Description

Electrical Composition Corresponding to Codes M1 and M7



Electrical Composition Corresponding to Codes M2 and M8



Electrical Composition Corresponding to Codes M6 and P2



Electrical Composition Corresponding to Codes M5, M10, MF1, MR1 and MF2

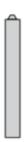


Legend

Single contact



Double contact



Light block

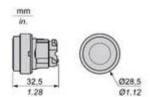


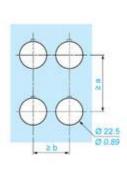
Possible location



Technical Illustration

Dimensions





		a (mm)	a (in.)	b (mm)	b (in.)
ZBE•••••	ZBV	40	1.57	30	1.18
ZBE•••••3	28V••••3	45	1.77	32	1.26
ZBE•••••4	ZBV••••4	40	1.57	30	1.18
ZBE5	ZBV••••5	50	1.97	30	1.18
ZBE•••••9	ZBV••••9	40	1.57	30	1.18
ZBRT•	ZBRV1	40	1.57	30	1.18

Offer Marketing Illustration

Product benefits / Features



Offer Marketing Illustration

Product benefits / Features

Technical Benefits

Harmony XB4

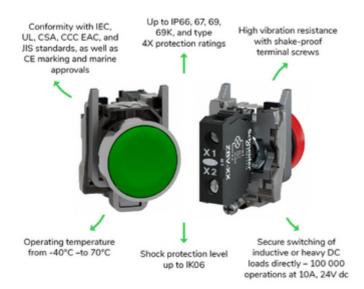


Image of product / Alternate images

Alternative











