

Head for illuminated push button, Harmony XB4, metal, orange flush, 22mm, universal LED, spring return, plan lens

ZB4BW353

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

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	Orange flush, unmarked		
Operator additional information	With plain lens		
Cap/operator or lens colour	Orange		

Complementary

CAD overall width	1.1 in (29 mm)	
CAD overall height	1.1 in (29 mm)	
CAD overall depth	1.2 in (30 mm)	
Net Weight	0.057 lb(US) (0.026 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

Protective treatment	тн
Ambient Air Temperature for	-40158 °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.

Ambient Air Temperature for Operation	-40158 °F (-4070 °C)		
Overvoltage category	Class I conforming to IEC 60536		
IP degree of protection	IP66 IEC 60529		
	IP67		
	IP69		
	IP69K		
NEMA degree of protection	NEMA 13		
	NEMA 4X		
IK degree of protection	IK06 conforming to IEC 62262		
Standards	UL 508		
	IEC 60947-5-5		
	JIS C8201-5-1		
	IEC 60947-1		
	IEC 60947-5-4		
	IEC 60947-5-1		
	CSA C22.2 No 14		
	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	3389110889826
Returnability	Yes
Country of origin	US

Packing Units

Unit Type of Package 1	PCE	
Number of Units in Package 1	1	
Package 1 Height	1.77 in (4.500 cm)	
Package 1 Width	1.34 in (3.400 cm)	
Package 1 Length	2.13 in (5.400 cm)	
Package 1 Weight	0.952 oz (27.000 g)	
Unit Type of Package 2	S03	
Number of Units in Package 2	300	
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	19.048 lb(US) (8.640 kg)	
Unit Type of Package 3	P06	
Number of Units in Package 3	2400	
Package 3 Height	29.53 in (75.000 cm)	

Package 3 Width	23.62 in (60.000 cm)
Package 3 Length	31.50 in (80.000 cm)
Package 3 Weight	171.617 lb(US) (77.844 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

Use Again

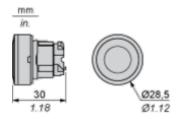
♡ Repack and remanufacture	
Circularity Profile	End of Life Information
Take-back	No

Product data sheet

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Dimensions Drawings

Dimensions

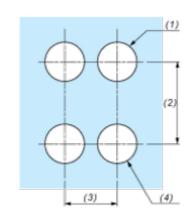


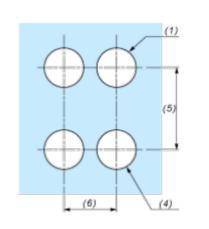
Mounting and Clearance

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

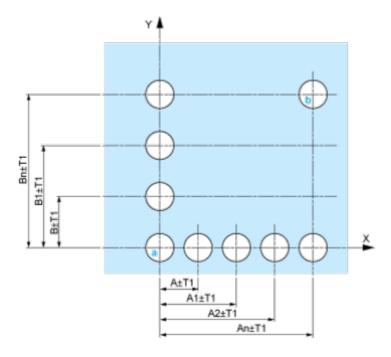




- (1) Diameter on finished panel or support
- (2) 40 mm min. / 1.57 in. min.
- (3) 30 mm min. / 1.18 in. min.
- (4) Ø 22.5 mm / 0.89 in. recommended (Ø 22.3 mm $_0^{+0.4}$ / 0.88 in. $_0^{+0.016}$)
- (5) 45 mm min. / 1.78 in. min.
- (6) 32 mm min. / 1.26 in. min.

Pushbuttons, Switches and Pilot Lights for Printed Circuit Board Connection

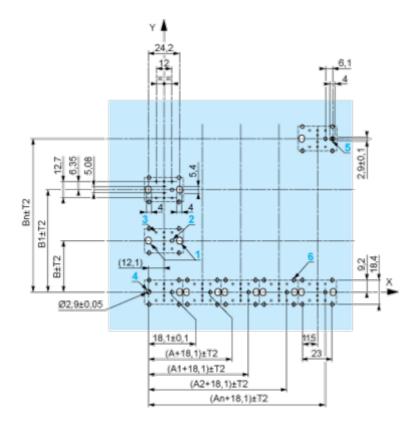
Panel Cut-outs (Viewed from Installer's Side)



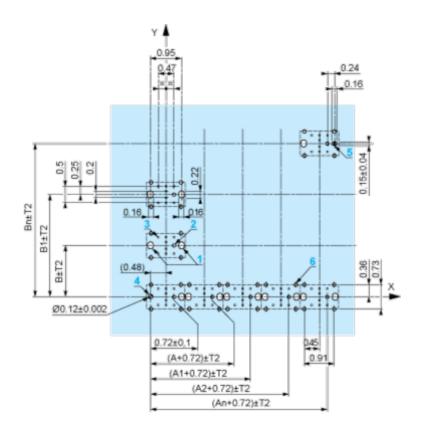
A: 30 mm min. / 1.18 in. min. **B:** 40 mm min. / 1.57 in. min.

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

Dimensions in mm



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

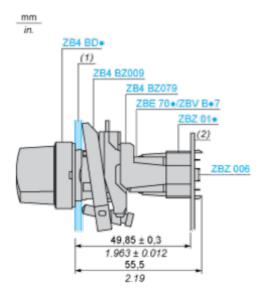
The cumulative tolerance must not exceed 0.3 mm / 0.012 in: T1 + T2 = 0.3 mm max.

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**.

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- (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•

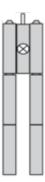
Dimensions An + 18.1 relate to the Ø 2.4 mm \pm 0.05 / 0.09 in. \pm 0.002 holes for centring adapter ZBZ 01•.

Product data sheet

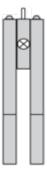
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Technical Description

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



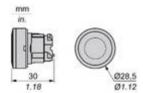
Possible location

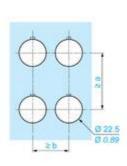


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Technical Illustration

Dimensions



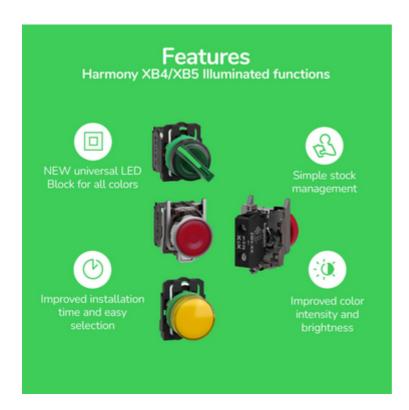


		a (mm)	a (in.)	b (mm)	b (in.)
ZBE	ZBV	40	1.57	30	1,18
ZBE****3	ZBV••••3	45	1.77	32	1.26
ZBE4	ZBV••••4	40	1.57	30	1,18
ZBE5	ZBV•••5	50	1.97	30	1.18
ZBE••••9	ZBV••••9	40	1.57	30	1.18
ZBRT•	ZBRV1	40	1.57	30	1.18

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Offer Marketing Illustration

Product benefits / Features



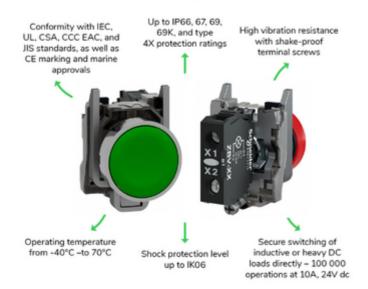
Jul 5, 2025

Offer Marketing Illustration

Product benefits / Features

Technical Benefits

Harmony XB4



Offer Marketing Illustration

Product benefits / Features



Image of product / Alternate images

Alternative

