Specifications





Head for key selector switch, Harmony XB4, metal, black, 22mm, key 455, 2 positions, spring return right to left

ZB4BG6

Product availability: Stock - Normally stocked in distribution facility

Price*: 90.00 USD

Main

Range of Product	Harmony XB4			
Product or Component Type	Head for key selector switch			
Device short name	ZB4			
Bezel material	Chromium plated metal			
Mounting diameter	0.9 in (22 mm)			
Head type	Standard			
Sale per indivisible quantity	1			
Shape of signaling unit head	Round			
Return	Right to left			
Operator profile	Black key switch			
Operator position information	2 positions 90°			
type of keylock	Key 455			
Key withdrawal position	Left			

Complementary

CAD overall width	1.1 in (29 mm)				
CAD overall height	1.1 in (29 mm)				
CAD overall depth	2.8 in (72 mm)				
Net Weight	0.216 lb(US) (0.098 kg)				
Resistance to high pressure washer	1015.3 psi (7000000 Pa) 131 °F (55 °C) 0.1 m				
Mechanical durability	1000000 cycles				
Electrical composition code	C3 6 single front mounting C4 6 single and double front mounting C5 5 single front mounting C6 5 single and double front mounting C7 4 single front mounting C8 4 single and double front mounting C11 3 single front mounting C15 1 single front mounting				
Device presentation	Paois element				

Device presentation

Basic element

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	тн			
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 IP67 IP69 IP69K			
NEMA degree of protection	NEMA 13 NEMA 4X			
IK degree of protection	IK06 with keyhole cover ZBGP conforming to IEC 50102			
Standards	EN/IEC 60947-1 EN/IEC 60947-5-5 EN/IEC 60947-5-4 UL 508 CSA C22.2 No 14 GB 14048.5 EN/IEC 60947-5-1			
Product Certifications	LROS (Lloyds register of shipping) UL Listed DNV GL CSA 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	3389110889246			
Returnability	Yes			
Country of origin	FR			

Packing Units

Unit Type of Package 1	PCE			
Number of Units in Package 1	1			
Package 1 Height	1.417 in (3.600 cm)			
Package 1 Width	2.126 in (5.400 cm)			
Package 1 Length	3.583 in (9.100 cm)			
Package 1 Weight	3.633 oz (103.000 g)			
Unit Type of Package 2	BB1			
Number of Units in Package 2	5			
Package 2 Height	3.465 in (8.800 cm)			
Package 2 Width	10.236 in (26.000 cm)			
Package 2 Length	1.299 in (3.300 cm)			
Package 2 Weight	18.342 oz (520.000 g)			
Unit Type of Package 3	\$03			

Number of Units in Package 3	100
Package 3 Height	11.811 in (30.000 cm)
Package 3 Width	11.811 in (30.000 cm)
Package 3 Length	15.748 in (40.000 cm)
Package 3 Weight	23.944 lb(US) (10.861 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.

Yes

Learn more about Green Premium >

Guide to assess a product's sustainability >



Transparency RoHS/REACh

Well-being performance



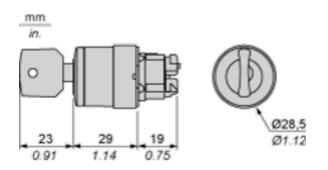
Rohs Exemption Information

Certifications & Standards

Reach Regulation	REACh Declaration			
Eu Rohs Directive	Pro-active compliance (Product out of EU RoHS legal scope)			
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: Lead and lead compounds, which is known to the State of California to cause cancer and birth defects or other reproductive harm. For more information go to www.P65Warnings.ca.gov"			

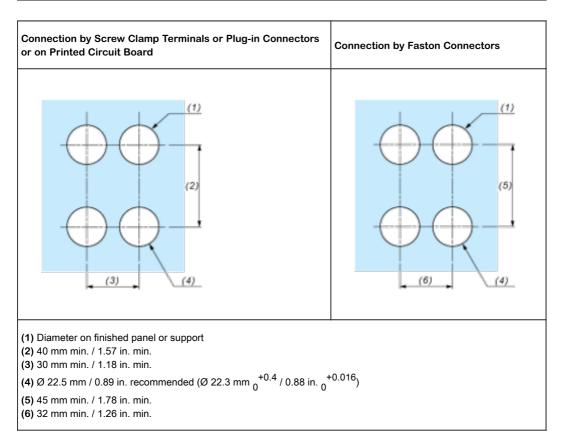
Dimensions Drawings

Dimensions



Mounting and Clearance

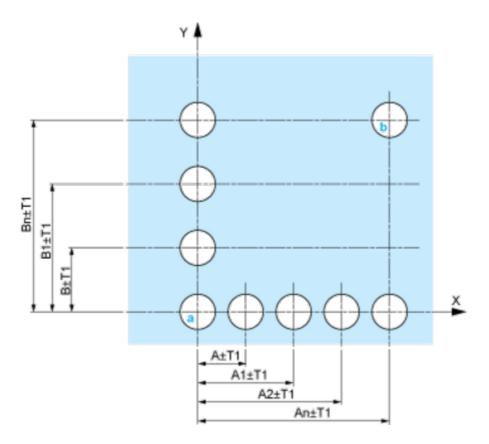
Panel Cut-out for Pushbuttons, Switches and Pilot Lights (Finished Holes, Ready for Installation)



ZB4BG6

Pushbuttons, Switches and Pilot Lights for Printed Circuit Board Connection

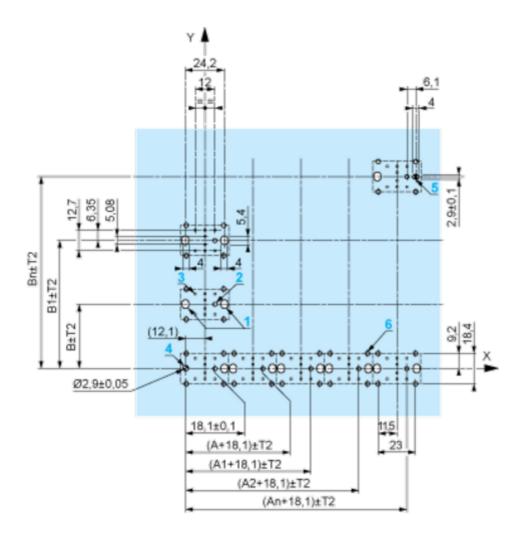
Panel Cut-outs (Viewed from Installer's Side)



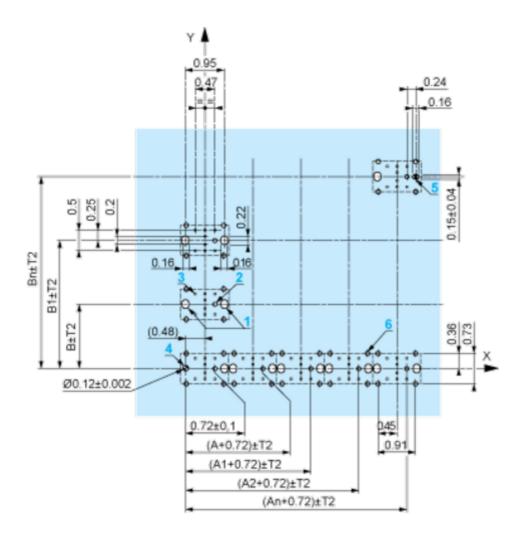
A: 30 mm min. / 1.18 in. min. **B:** 40 mm min. / 1.57 in. min.

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.

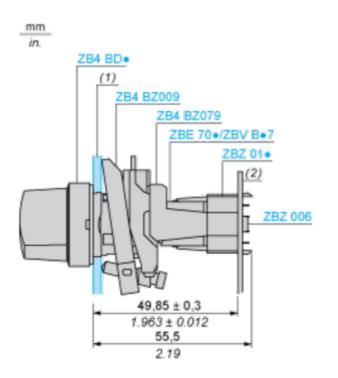
General Tolerances of the Panel and Printed Circuit Board

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.



(1) Panel

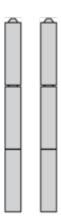
(2) Printed circuit board

Mounting of Adapter (Socket) ZBZ 01•

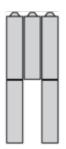
- 1 2 elongated holes for ZBZ 006 screw access
- 2 1 hole Ø 2.4 mm ± 0.05 / 0.09 in. ± 0.002 for centring adapter ZBZ 01•
- 3 8 × Ø 1.2 mm / 0.05 in. holes
- 4 1 hole Ø 2.9 mm ± 0.05 / 0.11 in. ± 0.002, for aligning the printed circuit board (with cut-out marked a)
- 5 1 elongated hole for aligning the 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•.

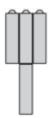
Technical Description

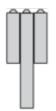












Electrical Composition Corresponding to Codes C9, C11, SF1 and SR1



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

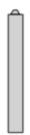


Legend

Single contact



Double contact



Light block



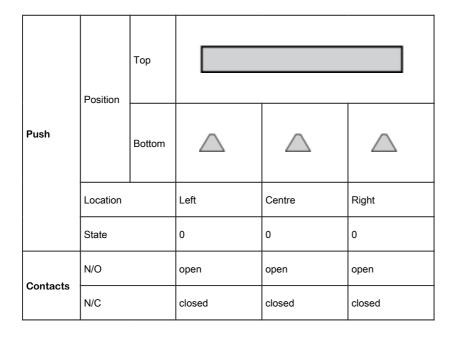
Possible location



Sequence of Contacts Fitted to 2-position Selector Switch Body

Position 315°





Position 45°



		Тор			
Push	Position	Bottom			
	Location		Left	Centre	Right
	State		1	1	1
Contacts	N/O		closed	closed	closed
	N/C		open	open	open