Product data sheet

Specification





Head for pilot light, Harmony XB4, clear Ø22 mm with grooved lens BA9s bulb

ZB4BV07S

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

Price*: 11.40 USD

Main

Range Of Product	Harmony XB4
Product Or Component Type	Head for pilot light
Product Compatibility	BA 9s
Device Short Name	ZB4
Bezel Material	Chromium plated metal
Mounting Diameter	0.87 in (22 mm)
Sale Per Indivisible Quantity	1
Head Type	Standard
Shape Of Signaling Unit Head	Round
Cap/Operator Or Lens Colour	Clear
Operator Additional Information	With grooved lens
Environmental Characteristic	High ambient lighting environment

Complementary

Cad Overall Width	1.14 in (29 mm)	
Cad Overall Height	1.14 in (29 mm)	
Cad Overall Depth	1.22 in (31 mm)	
Net Weight	0.06 lb(US) (0.027 kg)	
Resistance To High Pressure Washer	Pressure 1015.26 psi (7000000 Pa) 131 °F (55 °C) 0.1 m	
Electrical Composition Code	P3 front mounting BA 9s P4 front mounting BA 9s and transformer	
Device Presentation	Basic element	

Environment

Protective Treatment	тн
Ambient Air Temperature For Storage	-40158 °F (-4070 °C)
Ambient Air Temperature For Operation	-40131 °F (-4055 °C)
Overvoltage Category	Class I IEC 60536
Ip Degree Of Protection	IP66 IEC 60529 IP67 IP69 IP69K

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

Nema Degree Of Protection NEMA 13 NEMA 4X			
Ik Degree Of Protection	IK06 conforming to IEC 50102		
Standards	JIS C8201-5-1		
	EN/IEC 60947-5-1		
	EN/IEC 60947-1		
	CSA C22.2 No 14		
	EN/IEC 60947-5-4		
	UL 508		
	EN/IEC 60947-5-5		
	JIS C8201-1		
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	ategory US10CS222468	
Discount Schedule	0CS2	
Gtin	3389110072150	
Returnability	No	
Country Of Origin	FR	

Packing Units

Unit Type Of Package 1	PCE
Number Of Units In Package 1	1
Package 1 Height	1.34 in (3.4 cm)
Package 1 Width	1.73 in (4.4 cm)
Package 1 Length	2.13 in (5.4 cm)
Package 1 Weight	0.81 oz (23.0 g)

Contractual warranty

Warranty 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.

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Transparency RoHS/REACh

Well-being performance

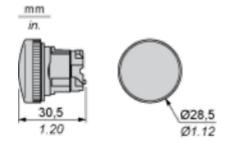
Ø	Reach Free Of Svhc	
②	Toxic Heavy Metal Free	
Ø	Mercury Free	
⊘	Rohs Exemption Information	Yes

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		

Dimensions Drawings

Dimensions



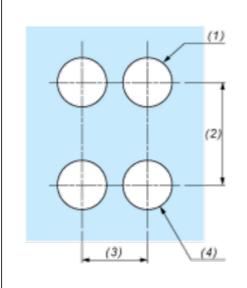
ZB4BV07S

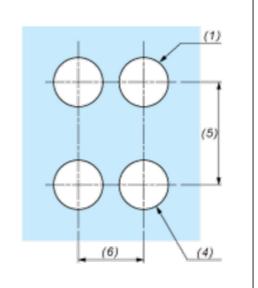
Mounting and Clearance

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

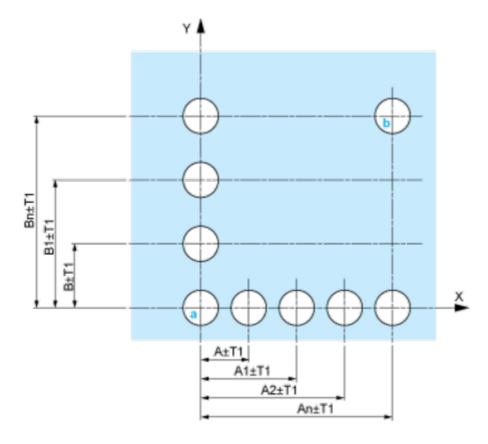




- (1) Diameter on finished panel or support
- (2) 40 mm min. / 1.57 in. min.
- (3) 30 mm min. / 1.18 in. min.
- (4) Ø 22.5 mm / 0.89 in. recommended (Ø 22.3 mm $_0^{+0.4}$ / 0.88 in. $_0^{+0.016}$)
- (5) 45 mm min. / 1.78 in. min.
- (6) 32 mm min. / 1.26 in. min.

Pushbuttons, Switches and Pilot Lights for Printed Circuit Board Connection

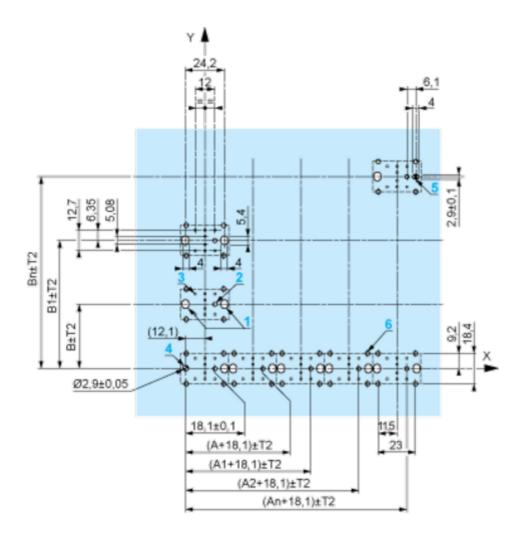
Panel Cut-outs (Viewed from Installer's Side)



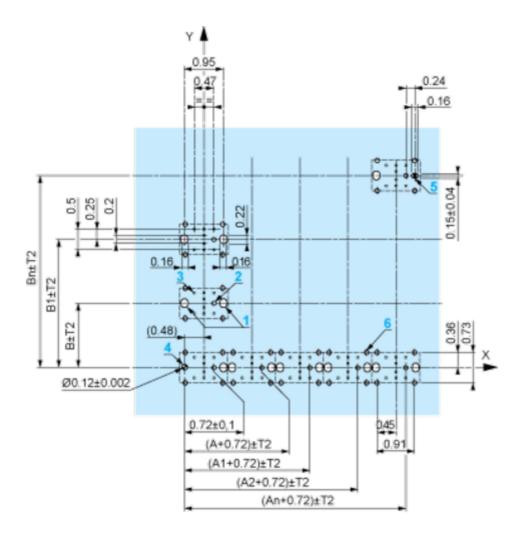
A: 30 mm min. / 1.18 in. min. **B:** 40 mm min. / 1.57 in. min.

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.

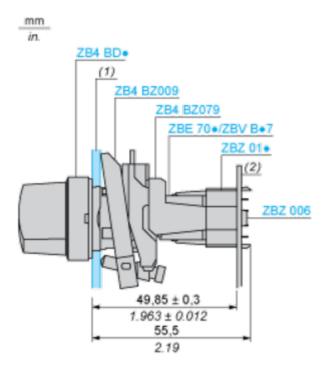
General Tolerances of the Panel and Printed Circuit Board

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

Installation Precautions

- $_{\bullet}$ 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.



- (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 \varnothing 2.4 mm \pm 0.05 / 0.09 in. \pm 0.002 holes for centring adapter ZBZ 01•.

Product data sheet

ZB4BV07S

Technical Description

Electrical Composition Corresponding to Codes P1, P3, PF1, PR1 and PF2

Light block



Electrical Composition Corresponding to Code P4



		_		_
L	eg	е	n	O

Single contact



Double contact



Light block



Possible location

