

Product data sheet Characteristics

ZB6DV3TQ pilot light head ZB6DV3 sold by 100





Main

Range of product	Harmony XB6
Product or component type	Head for pilot light
Product compatibility	Integral LED
Device short name	ZB6
Bezel material	Plastic
Mounting diameter	16 mm
Sale per indivisible quantity	100
Shape of signaling unit head	Rectangular
Cap/operator or lens colour	Green

Environment

Protective treatment	TC		
Ambient air temperature for storage	-4070 °C		
Ambient air temperature for operation	-2570 °C		
Electrical shock protection class	Class II conforming to IEC 61140		
IP degree of protection	IP65 conforming to IEC 60529		
NEMA degree of protection	NEMA 13 conforming to UL 50 NEMA 4 conforming to UL 50 NEMA 4X conforming to UL 50 NEMA 13 conforming to CSA C22.2 No 94 NEMA 4 conforming to CSA C22.2 No 94 NEMA 4X conforming to CSA C22.2 No 94		
Standards	CSA C22.2 No 14 UL 508 EN/IEC 60947-5-5 JIS C 4520 EN/IEC 60947-5-1 JIS C 852 EN/IEC 60947-1		
Product certifications	CSA[RETURN]GOST[RETURN]UL[RETURN]CCC		
Vibration resistance	+/- 3 mm (f= 2500 Hz) conforming to IEC 60068-2-6 5 gn (f= 2500 Hz) conforming to IEC 60068-2-6		
Shock resistance	30 gn (duration = 18 ms) for half sine wave acceleration conforming to IEC 60068-2-27 50 gn (duration = 11 ms) for half sine wave acceleration conforming to IEC 60068-2-27		

Offer Sustainability

Sustainable offer status	Green Premium product
REACh Regulation	☑ REACh Declaration
REACh free of SVHC	Yes
EU RoHS Directive	Pro-active compliance (Product out of EU RoHS legal scope) [☑] EU RoHS Declaration
Toxic heavy metal free	Yes
Mercury free	Yes

The information provided in this documentation contains general descriptions and/or technical characteristics of the performance of the products contained herein. This documentation is not interested for a set of for determining suitability or intelability of these products for specific user applications. It is the documentation is not integrator to perform the appropriate and complete risk analysis, evaluating of the products with respect to the relevant specific application or use thereof. Neither Schmeider Electric Industries SAS nor any of its affiliates or subsidiaries shall be responsible or liable for misuse of the information contained herein.

China RoHS Regulation	☑ China RoHS Declaration	
RoHS exemption information	₫Yes	
Environmental Disclosure	Product Environmental Profile	
Circularity Profile	End Of Life Information	
Contractual warranty		
Warranty	18 months	

Product data sheet Dimensions Drawings

ZB6DV3TQ

Rectangular Head for Pilot Light

Dimensions



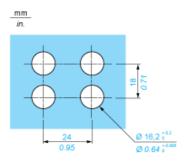




ZB6DV3TQ

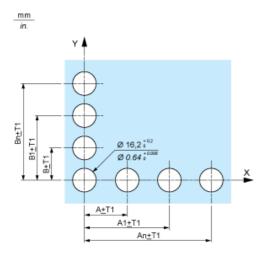
Panel Cut-out

For Rectangular Head

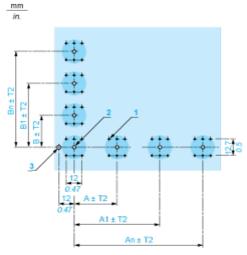


Pushbuttons, Switches and Pilot Lights for Printed Circuit Board Connection

Front Panel Cut-out (Viewed from Installer's Side)



Printed Circuit Board Drillings (Viewed from Electrical Block Side)



- A 24 mm/0.94 in. minimum for rectangular heads, 18 mm/0.71 in. minimum for square or circular heads
- B 18 mm/0.71 in. minimum
- (1) 6 x Ø 1.1 mm / 6 x Ø 0.04 in. holes.
- (2) $1 \times \emptyset 2.6^{\circ}_{-0.2}$ mm / $1 \times \emptyset 0.10^{\circ}_{-0.008}$ in. hole for locating pin, only when using socket adaptor ZB6Y010.
- (3) 1 x Ø 3.2° _{-0.2} mm / 1 x Ø 0.13° _{-0.008} in. hole for fixing of printed circuit board onto the front panel using body bracket ZB6Y011. This hole must be drilled on the left-hand side, when heads are positioned at the normal angle. Fit a body bracket ZB6Y011 every 72 mm/2.83 in. maximum for cut-outs on 24 mm/0.94 in. centres (rectangular heads) and 54 mm/2.13 in. maximum for cut-outs on 18 mm/0.71 in. centres (square or circular heads).

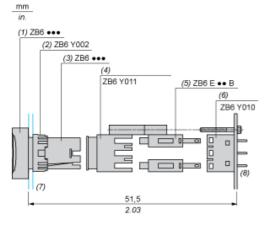
General tolerances of the panel and printed circuit board: T1, T2: T1 + T2 = 0.3 mm/0.01 in. maximum.

Installation precautions:

Thickness of printed circuit board: 1.6 mm/0.06 in. minimum.

Mounting with Body Bracket

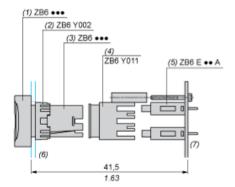
With socket adaptor ZB6Y010



- (1) Head
- (2) Nut
- (3) Body
- (4) Body bracket
- (5) Contact block
- (6) Socket adaptor
- (7) Panel
- (8) Printed circuit

Direct mounting without socket adaptor ZB6Y010





- Head
- (1) (2) (3) (4) (5) (6) (7) Nut

- Body Body bracket Contact block
- Panel
- Printed circuit