

## Product data sheet

### Characteristics

## ZB6AV6TQ

### pilot light head ZB6AV6 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	Round
Cap/operator or lens colour	Blue

#### Environment

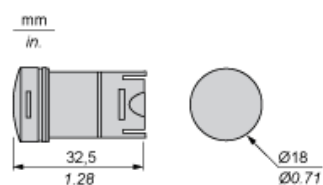
Protective treatment	TC
Ambient air temperature for storage	-40...70 °C
Ambient air temperature for operation	-25...70 °C
Electrical shock protection class	Class II conforming to IEC 61140
IP degree of protection	IP65 conforming to IEC 60529
NEMA degree of protection	NEMA 13 conforming to UL 50 NEMA 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 JIS C 852 EN/IEC 60947-5-5 EN/IEC 60947-5-1 JIS C 4520 EN/IEC 60947-1 UL 508
Product certifications	CCC[RETURN]UL[RETURN]CSA[RETURN]GOST
Vibration resistance	+/- 3 mm (f= 2...500 Hz) conforming to IEC 60068-2-6 5 gn (f= 2...500 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

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Circular Head for Pilot Light

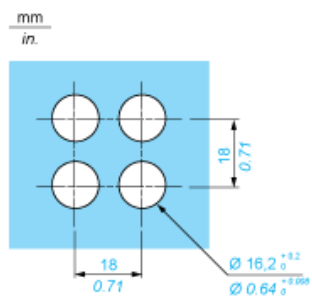
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Dimensions



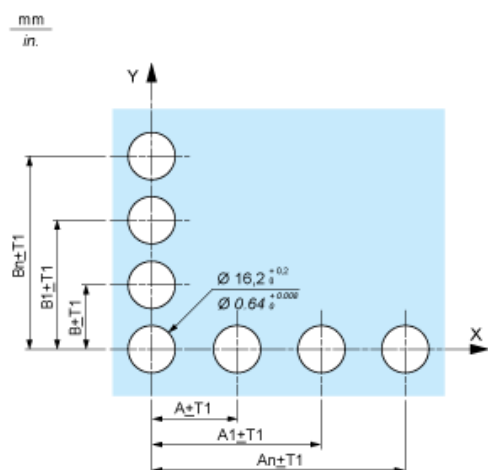
## Panel Cut-out

### For Square or Circular Head



## Pushbuttons, Switches and Pilot Lights for Printed Circuit Board Connection

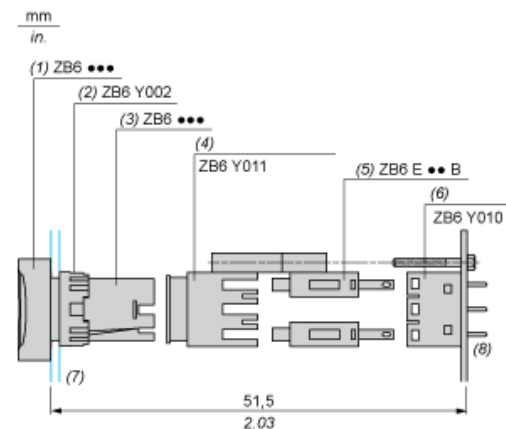
### Front Panel Cut-out (Viewed from Installer's Side)



Technical drawing of a plate with four holes, showing dimensions for spacing and location. The drawing includes labels for hole diameter (12 mm), hole spacing ( $A_1 \pm T_2$ ,  $A_2 \pm T_2$ ,  $A_3 \pm T_2$ ,  $A_n \pm T_2$ ), hole location ( $B_1 \pm T_2$ ,  $B_2 \pm T_2$ ,  $B_3 \pm T_2$ ,  $B_n \pm T_2$ ), and hole position (1, 2, 3). The plate thickness is 0.5 mm.

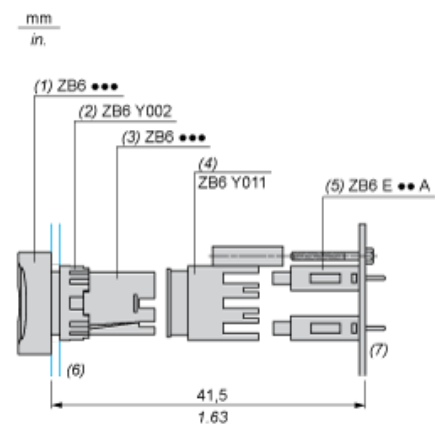
- Thickness of printed circuit board: 1.6 mm/0.06 in. minimum.

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



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