Specifications





() Discontinued

# Head for pilot light, Harmony XB6, square white 16mm integral LED

ZB6CV1

() Discontinued on: Dec 2, 2020

(!) End-of-service on: Dec 31, 2020

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

## 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	0.6 in (16 mm)
Sale per indivisible quantity	1
Shape of signaling unit head	Square
Cap/operator or lens colour	White

## Complementary

CAD overall width	0.7 in (18 mm)
CAD overall height	0.7 in (18 mm)
CAD overall depth	1.3 in (33 mm)
Net Weight	0.033 lb(US) (0.015 kg)

#### Environment

protective treatment	TC
Ambient Air Temperature for Storage	-40158 °F (-4070 °C)
Ambient Air Temperature for Operation	-13158 °F (-2570 °C)
Electrical shock protection class	Class II IEC 61140
IP degree of protection	IP65 IEC 60529
NEMA degree of protection	NEMA 13 UL 50 NEMA 4 UL 50 NEMA 4X UL 50 NEMA 13 CSA C22.2 No 94 NEMA 4 CSA C22.2 No 94 NEMA 4X CSA C22.2 No 94
Standards	IEC 60947-5-1 JIS C 852 CSA C22.2 No 14 UL 508 JIS C 4520 IEC 60947-5-5 IEC 60947-1

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

Product Certifications	CCC UL GOST CSA	
Vibration resistance	+/- 3 mm 2500 Hz)IEC 60068-2-6 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	US10CS222459	
Discount Schedule	0CS2	
GTIN	3389110775600	
Returnability	No	
Country of origin	MX	

# **Packing Units**

Unit Type of Package 1	DOF
	PCE
Number of Units in Package 1	1
Package 1 Height	1.2 in (3.0 cm)
Package 1 Width	1.2 in (3.0 cm)
Package 1 Length	2.0 in (5.0 cm)
Package 1 Weight	0.3 oz (8.0 g)
Unit Type of Package 2	S01
Number of Units in Package 2	30
Package 2 Height	5.9 in (15.0 cm)
Package 2 Width	5.9 in (15.0 cm)
Package 2 Length	15.7 in (40.0 cm)
Package 2 Weight	16.4 oz (465.0 g)

## **Contractual warranty**

Warranty

18 months

# Sustainability Screen Premium

**Green Premium<sup>TM</sup> 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-CO<sub>2</sub> products.

**Guide to assessing product sustainability** is a white paper that clarifies global eco-label standards and how to interpret environmental declarations.

Learn more about Green Premium >

Guide to assess a product's sustainability >



Transparency RoHS/REACh

## Well-being performance

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

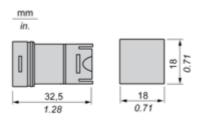
## **Certifications & Standards**

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
California Proposition 65	WARNING: This product can expose you to chemicals including: Di-isodecyl phthalate (DIDP), which is known to the State of California to cause birth defects or other reproductive harm. For more information go to www.P65Warnings.ca.gov

### **Dimensions Drawings**

#### Square Head for Pilot Light

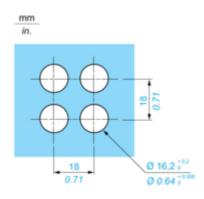
#### Dimensions



Mounting and Clearance

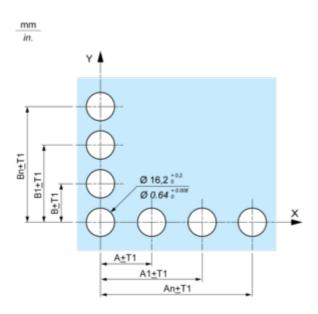
#### Panel Cut-out

#### For Square or Circular Head

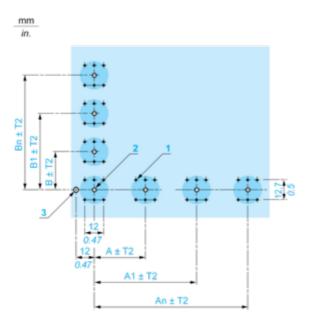


Pushbuttons, Switches and Pilot Lights for Printed Circuit Board Connection

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



#### 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)  $1 \times \emptyset 2.6^{0}_{-0.2}$  mm /  $1 \times \emptyset 0.10^{0}_{-0.008}$  in. hole for locating pin, only when using socket adaptor ZB6Y010.

(3)  $1 \times \emptyset 3.2^{0}_{-0.2}$  mm /  $1 \times \emptyset 0.13^{0}_{-0.008}$  in. hole for fixing of printed circuit board onto the front panel using body

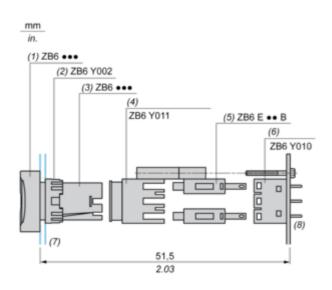
bracket ZB6Y011. This hole must be drilled on the left-hand side, when heads are positioned at the normal angle. Fit a body bracket ZB6Y011 every 72 mm/2.83 in. maximum for cut-outs on 24 mm/0.94 in. centres (rectangular heads) and 54 mm/2.13 in. maximum for cut-outs on 18 mm/0.71 in. centres (square 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

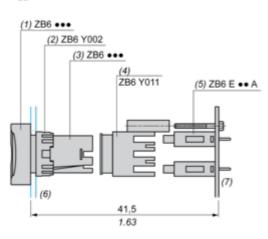
#### With socket adaptor ZB6Y010



- (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





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