

# Product data sheet

Specifications



Head for key selector switch, Harmony XB6, square 16mm 3 positions stay put, key 200, key withdrawal at left and center positions

ZB6CGF

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

## Main

Range of Product	Harmony XB6
Product or Component Type	Head for key selector switch
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
Type of operator	stay put
Operator profile	Black key switch
Operator position information	3 positions
Type of Keylock	Key 200
Key withdrawal position	Left-hand and center

## Complementary

CAD overall width	0.7 in (18 mm)
CAD overall height	0.7 in (18 mm)
CAD overall depth	2.2 in (55 mm)

## Environment

Protective treatment	TC
Ambient Air Temperature for Storage	-40...158 °F (-40...70 °C)
Ambient air temperature for operation	-13...158 °F (-25...70 °C)
Electrical shock protection class	Class II IEC 61140
IP degree of protection	IP65 IEC 60529
NEMA degree of protection	NEMA 4 UL 50
Standards	IEC 60947-1
Product Certifications	CSA
Vibration resistance	5 gn (f= 2...500 Hz) conforming to IEC 60068-2-6
Shock resistance	50 gn 11 ms) half sine wave acceleration IEC 60068-2-27

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

Disclaimer: This documentation is not intended as a substitute for and is not to be used for determining suitability or reliability of these products for specific user applications



## Ordering and shipping details

Category	US10CS222459
Discount Schedule	0CS2
GTIN	3389110785180
Returnability	No
Country of origin	ES

## Packing Units

Unit Type of Package 1	PCE
Number of Units in Package 1	1
Package 1 Height	0.39 in (1 cm)
Package 1 Width	0.39 in (1 cm)
Package 1 Length	0.39 in (1 cm)
Package 1 Weight	0.8 oz (23 g)

## Contractual warranty

Warranty	18 months
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## Environmental Data

Schneider Electric aims to achieve Net Zero status by 2050 through supply chain partnerships, lower impact materials, and circularity via our ongoing “Use Better, Use Longer, Use Again” campaign to extend product lifetimes and recyclability.

[Environmental Data explained >](#)

[How we assess product sustainability >](#)

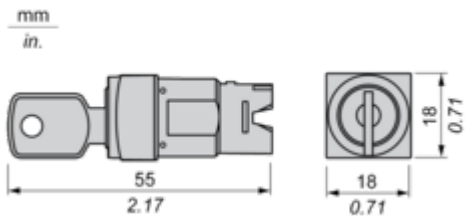
Environmental footprint	
Carbon footprint (kg CO2 eq, Total Life cycle)	1
Use Better	
Materials and Substances	
Packaging without single use plastic	No
<a href="#">EU RoHS Directive</a>	Pro-active compliance (Product out of EU RoHS legal scope)
California proposition 65	"WARNING: This product can expose 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 <a href="#">www.P65Warnings.ca.gov</a> "
Use Again	
Repack and remanufacture	
Take-back	No



Dimensions Drawings

Square Head for Key Switch

Dimensions



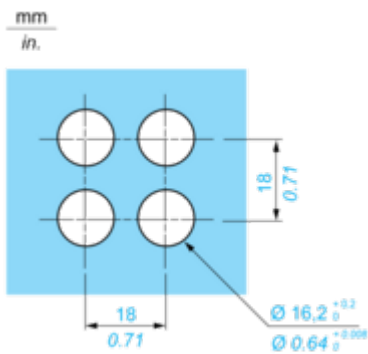


Mounting and Clearance

Panel Cut-out

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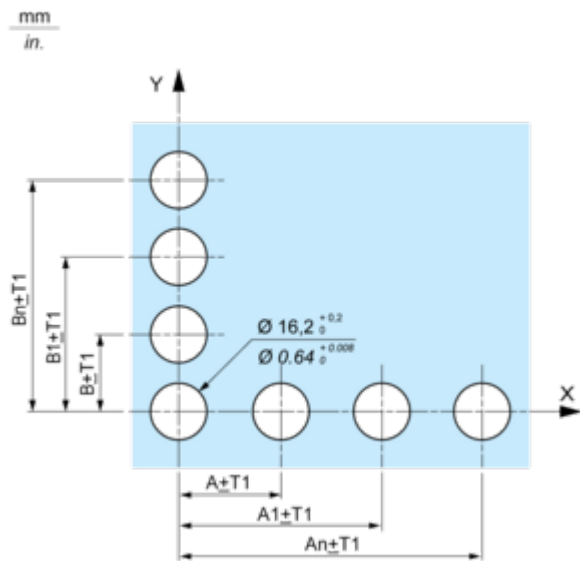
For Square or Circular Head



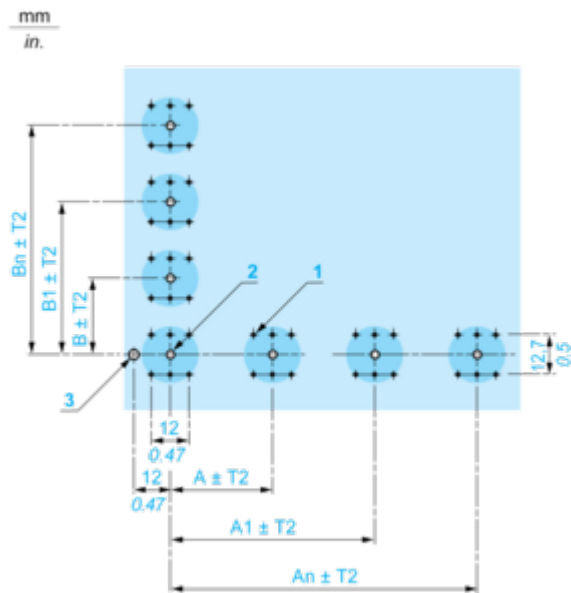


Pushbuttons, Switches and Pilot Lights for Printed Circuit Board Connection

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 x Ø 2.6<sup>0</sup><sub>-0,2</sub> mm / 1 x Ø 0.10<sup>0</sup><sub>-0,008</sub> in. hole for locating pin, only when using socket adaptor ZB6Y010.

(3) 1 x Ø 3.2<sup>0</sup><sub>-0,2</sub> mm / 1 x Ø 0.13<sup>0</sup><sub>-0,008</sub> 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.

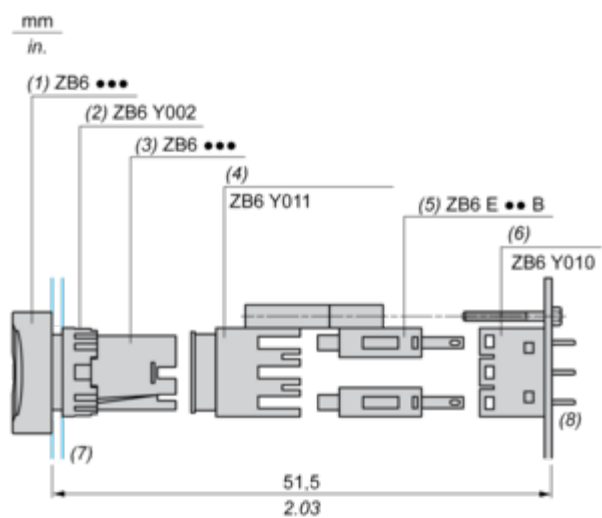
**Installation precautions:**

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

**Mounting with Body Bracket**

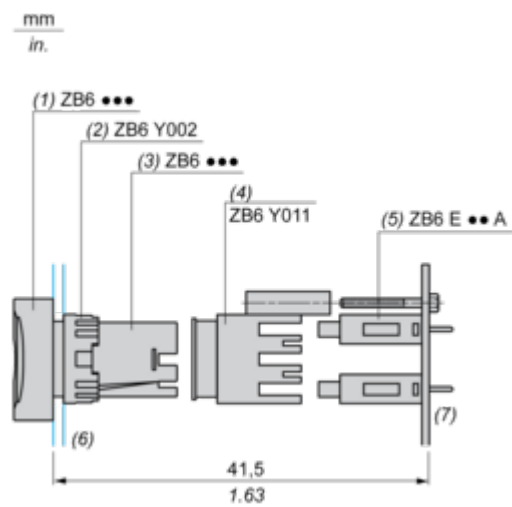
With socket adaptor ZB6Y010





- (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