

# Product data sheet

Specifications



Head for selector switch, Harmony  
XB6, black square 16mm 2 positions  
60degrees, stay put

ZB6CD22

Product availability: Stock - Normally stocked in distribution facility

Price\*: 17.60 USD

## Main

|                               |                          |
|-------------------------------|--------------------------|
| Range of Product              | Harmony XB6              |
| Product or Component Type     | Head for 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 standard handle    |
| Operator position information | 2 positions 60°          |

## Complementary

|                    |                         |
|--------------------|-------------------------|
| CAD overall width  | 0.7 in (18 mm)          |
| CAD overall height | 0.7 in (18 mm)          |
| CAD overall depth  | 1.7 in (43 mm)          |
| Net Weight         | 0.040 lb(US) (0.018 kg) |

## Environment

|                                       |  |
|---------------------------------------|--|
| protective treatment                  | TC   |
| Ambient Air Temperature for Storage   | -40.0000000000...158.0000000000 °F (-40...70 °C)   |
| Ambient Air Temperature for Operation | -13.0000000000...158.0000000000 °F (-25...70 °C)   |
| Electrical shock protection class     | Class II IEC 61140   |
| IP degree of protection               | IP65 IEC 60529   |
| NEMA degree of protection             | NEMA 13 UL 50<br>NEMA 4 UL 50<br>NEMA 4X UL 50<br>NEMA 13 CSA C22.2 No 94<br>NEMA 4 CSA C22.2 No 94<br>NEMA 4X CSA C22.2 No 94 |

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

|                        |   |
|------------------------|---|
| Standards              | JIS C8201-5-1<br>CSA C22.2 No 14<br>IEC 60947-5-1<br>IEC 60947-5-5<br>UL 508<br>IEC 60947-1<br>JIS C 852<br>JIS C8201-1 |
| Product Certifications | GOST<br>CCC<br>UL<br>CSA  |
| Vibration resistance   | +/- 3 mm 2...500 Hz)IEC 60068-2-6<br>5 gn 2...500 Hz)IEC 60068-2-6  |
| Shock resistance       | 30 gn 18 ms) half sine wave acceleration IEC 60068-2-27<br>50 gn 11 ms) half sine wave acceleration IEC 60068-2-27      |

## Ordering and shipping details

|                   |               |
|-------------------|---------------|
| Category          | US10CS222459  |
| Discount Schedule | 0CS2          |
| GTIN              | 3389110776805 |
| Returnability     | No            |
| Country of origin | ES            |

## Packing Units

|                              |                       |
|------------------------------|-----------------------|
| Unit Type of Package 1       | PCE                   |
| Number of Units in Package 1 | 1                     |
| Package 1 Height             | 1.181 in (3.000 cm)   |
| Package 1 Width              | 2.362 in (6.000 cm)   |
| Package 1 Length             | 3.150 in (8.000 cm)   |
| Package 1 Weight             | 0.353 oz (10.000 g)   |
| Unit Type of Package 2       | S01                   |
| Number of Units in Package 2 | 60                    |
| Package 2 Height             | 5.906 in (15.000 cm)  |
| Package 2 Width              | 5.906 in (15.000 cm)  |
| Package 2 Length             | 15.748 in (40.000 cm) |
| Package 2 Weight             | 29.101 oz (825.000 g) |

## Contractual warranty

|          |           |
|----------|-----------|
| Warranty | 18 months |
|----------|-----------|

Sustainability

**Green Premium™ label** is Schneider Electric’s commitment to delivering products with best-in-class 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 >](#)

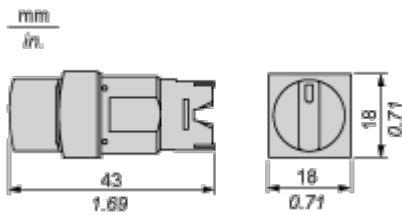
Well-being performance

|                           |   |     |
|---------------------------|---|-----|
| ✓                         | Reach Free Of Svhc  |     |
| ✓                         | Toxic Heavy Metal Free  |     |
| ✓                         | Mercury Free  |     |
| ✓                         | Rohs Exemption Information  | Yes |
| Reach Regulation          | REACH Declaration   |     |
| Eu Rohs Directive         | Pro-active compliance (Product out of EU RoHS legal scope)<br>EU RoHS Declaration   |     |
| China Rohs Regulation     | China RoHS declaration  |     |
| 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 <a href="#">www.P65Warnings.ca.gov</a> |     |

Dimensions Drawings

Square Head for Selector Switch, Standard Handle

Dimensions



Mounting and Clearance

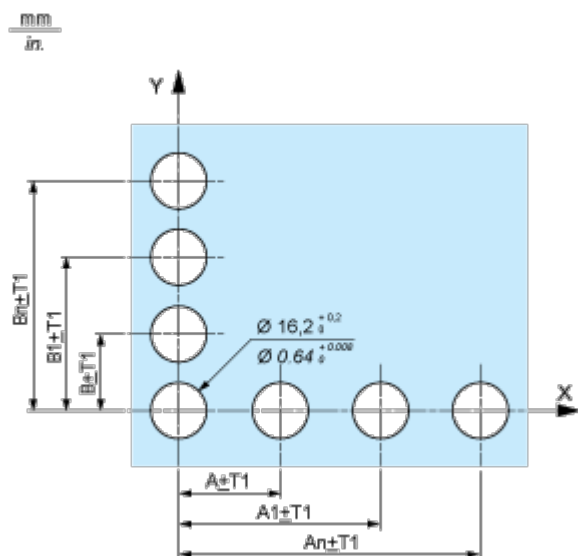
Panel Cut-out

For Square or Circular Head

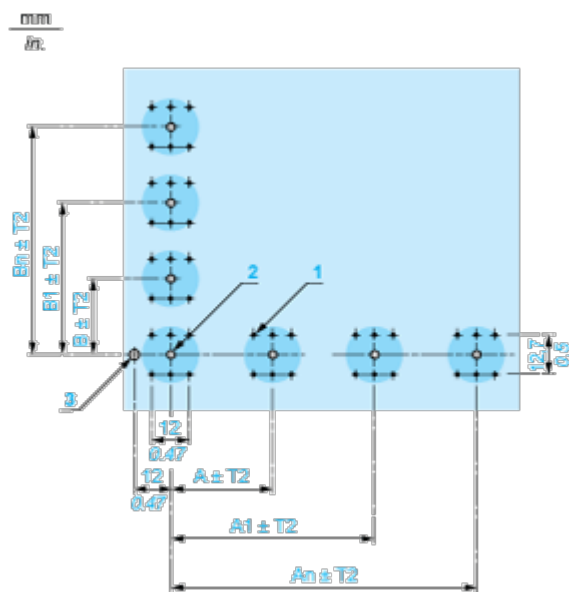


### Pushbuttons, Switches and Pilot Lights for Printed Circuit Board Connection

### 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 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).

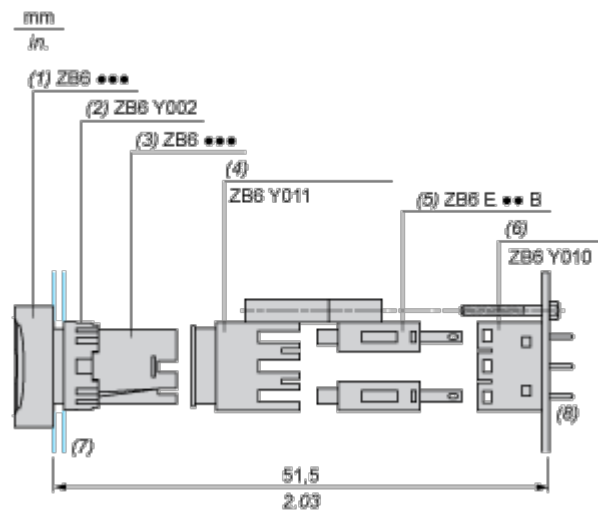
**General tolerances of the panel and printed circuit board: T1, T2:  $T1 + T2 = 0.3 \text{ mm}/0.01 \text{ in.}$  maximum.**

**Installation precautions:**

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

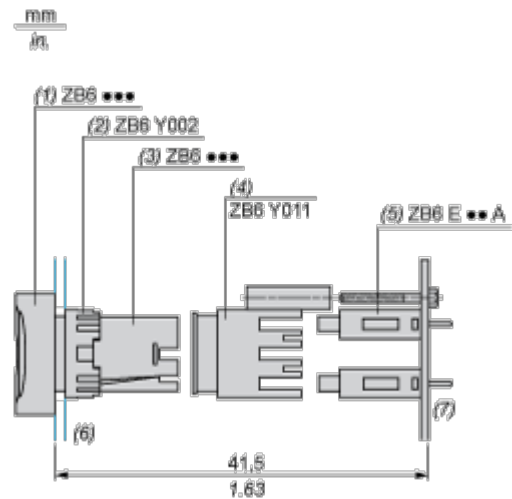
Mounting with Body Bracket

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

