

# Product data sheet

## Characteristics

### ZB6CD24

#### black square selector switch head Ø16 2-position spring return

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

Price\*: 17.60 USD



#### Main

|                               |                          |
|-------------------------------|--------------------------|
| Commercial Status             | Commercialised           |
| Range of product              | Harmony XB6              |
| Product or component type     | Head for selector switch |
| Device short name             | ZB6                      |
| Bezel material                | Plastic                  |
| Mounting diameter             | 0.63 in (16 mm)          |
| Sale per indivisible quantity | 1                        |
| Shape of signaling unit head  | Square                   |
| Type of operator              | Spring return to centre  |
| Operator profile              | Black standard handle    |
| Operator position information | 2 positions 45°          |

#### Complementary

|                    |                        |
|--------------------|------------------------|
| CAD overall width  | 0.71 in (18 mm)        |
| CAD overall height | 0.71 in (18 mm)        |
| CAD overall depth  | 1.69 in (43 mm)        |
| Product weight     | 0.04 lb(US) (0.018 kg) |

#### 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)   |
| Class of protection against electric shock | Class II conforming to IEC 61140   |
| IP degree of protection                    | IP65 conforming to IEC 60529   |
| NEMA degree of protection                  | NEMA 4 CSA C22.2 No 94<br>NEMA 4 CSA C22.2 No 94<br>NEMA 4 CSA C22.2 No 94<br>NEMA 4X UL 50<br>NEMA 4X UL 50<br>NEMA 4X UL 50  |
| Standards                                  | EN/IEC 60947-1<br>EN/IEC 60947-5-1<br>EN/IEC 60947-5-5<br>JIS C 4520<br>JIS C 852<br>UL 508<br>CSA C22.2 No 14   |
| Product certifications                     | CCC<br>CSA<br>GOST<br>UL   |
| Vibration resistance                       | 5 gn (f = 2...500 Hz) conforming to IEC 60068-2-6<br>+/- 3 mm (f = 2...500 Hz) conforming to IEC 60068-2-6   |
| Shock resistance                           | 50 gn (duration = 11 ms) half sine wave acceleration conforming to IEC 60068-2-27<br>30 gn (duration = 18 ms) half sine wave acceleration conforming to IEC 60068-2-27 |

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 intended as a substitute for and is not to be used for determining suitability or reliability of these products for specific user applications. It is the duty of any such user or integrator to perform the appropriate and complete risk analysis, evaluation and testing of the products with respect to the relevant specific application or use thereof. \*Prices are indicative. Neither Schneider Electric Industries SAS nor any of its affiliates or subsidiaries shall be responsible or liable for misuse of the information contained herein.

## Ordering and shipping details

|                       |   |
|-----------------------|---|
| Category              | 22459 - PUSHBUTTONS, 16MM                                 |
| Discount Schedule     | CS2   |
| GTIN                  | 00785901361312  |
| Nbr. of units in pkg. | 1   |
| Product availability  | Non-Stock - Not normally stocked in distribution facility |
| Returnability         | N   |
| Country of origin     | ES  |

## Contractual warranty

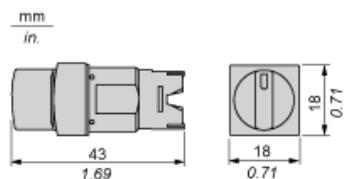
|                 |           |
|-----------------|-----------|
| Warranty period | 18 months |
|-----------------|-----------|

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Square Head for Selector Switch, Standard Handle

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Dimensions

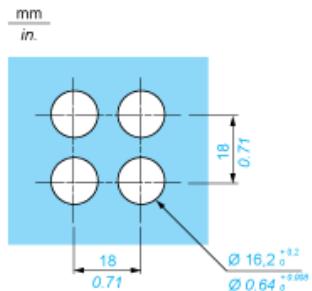


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### Panel Cut-out

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For Square or Circular Head

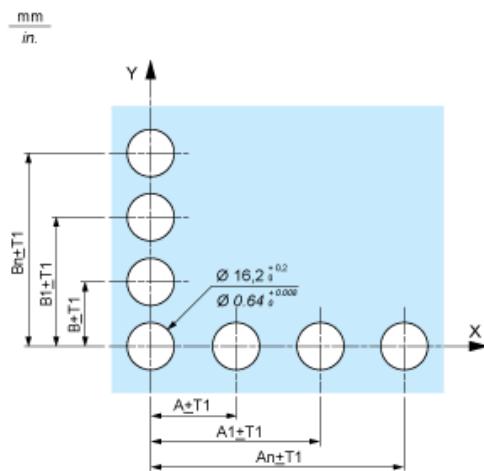


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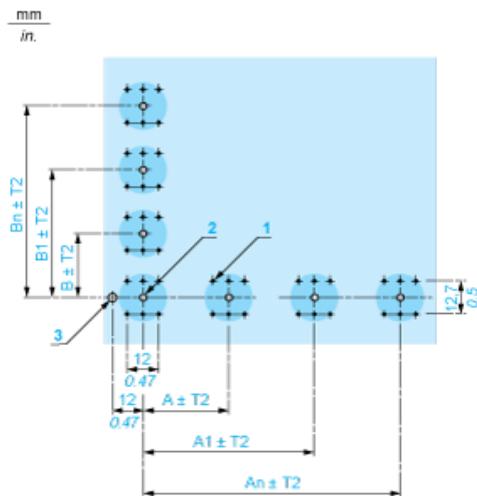
### Pushbuttons, Switches and Pilot Lights for Printed Circuit Board Connection

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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> -0.2 mm / 1 x Ø 0.10<sup>0</sup> -0.008 in. hole for locating pin, only when using socket adaptor ZB6Y010.

(3) 1 x Ø 3.2<sup>0</sup> -0.2 mm / 1 x Ø 0.13<sup>0</sup> -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).

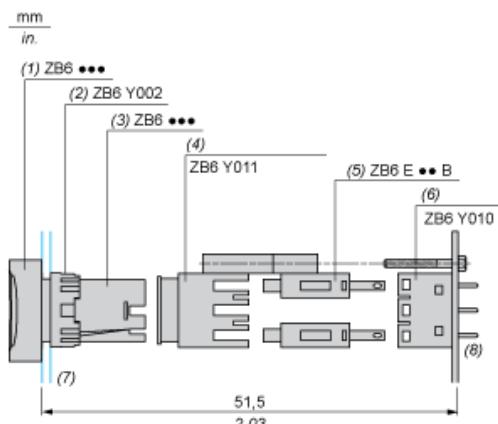
General tolerances of the panel and printed circuit board: T1, T2: T1 + T2 = 0.3 mm/0.01 in. maximum.

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

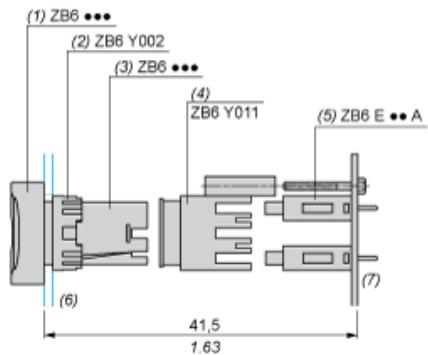
(6) Socket adaptor

(7) Panel

(8) Printed circuit

Direct mounting without socket adaptor ZB6Y010

mm  
in.



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