



### Main

|                               |                              |
|-------------------------------|------------------------------|
| Range of product              | Harmony XB6                  |
| Product or component type     | Head for key selector switch |
| Device short name             | ZB6                          |
| Bezel material                | Plastic                      |
| Mounting diameter             | 0.63 in (16 mm)              |
| Sale per indivisible quantity | 1                            |
| Shape of signaling unit head  | Round                        |
| Type of operator              | Stay put                     |
| Operator profile              | Black key switch             |
| Operator position information | 3 positions                  |
| Type of keylock               | Ronis 200                    |
| Key withdrawal position       | Center                       |

### Complementary

|                    |                       |
|--------------------|-----------------------|
| CAD overall width  | 0.71 in (18 mm)       |
| CAD overall height | 0.71 in (18 mm)       |
| CAD overall depth  | 2.17 in (55 mm)       |
| Product weight     | 0.07 lb(US) (0.03 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)                                                                                                                                                                                         |
| 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<br>NEMA 4 conforming to UL 50<br>NEMA 4X conforming to UL 50<br>NEMA 4 conforming to CSA C22.2 No 94<br>NEMA 13 conforming to CSA C22.2 No 94<br>NEMA 4X conforming to CSA C22.2 No 94 |
| 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                  | +/- 3 mm (f = 2...500 Hz) conforming to IEC 60068-2-6<br>5 gn (f = 2...500 Hz) conforming to IEC 60068-2-6                                                                                                         |
| shock resistance                      | 30 gn (duration = 18 ms) half sine wave acceleration conforming to IEC 60068-2-27<br>50 gn (duration = 11 ms) half sine wave acceleration conforming to IEC 60068-2-27                                             |

### Offer Sustainability

|                                                                                                                                  |                                                                                                                                  |
|----------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------|
| WARNING: This product can expose you to chemicals including:                                                                     | 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. | Lead and lead compounds, which is known to the State of California to cause cancer and birth defects or other reproductive harm. |

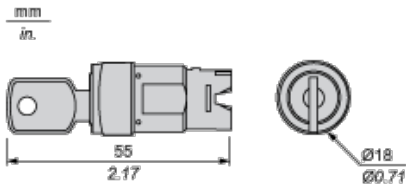
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Contractual warranty

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

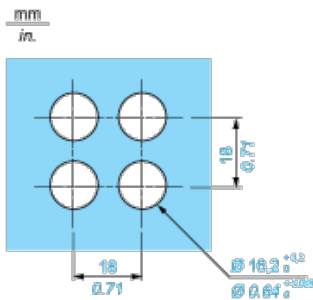
Circular Head for Key Switch

Dimensions



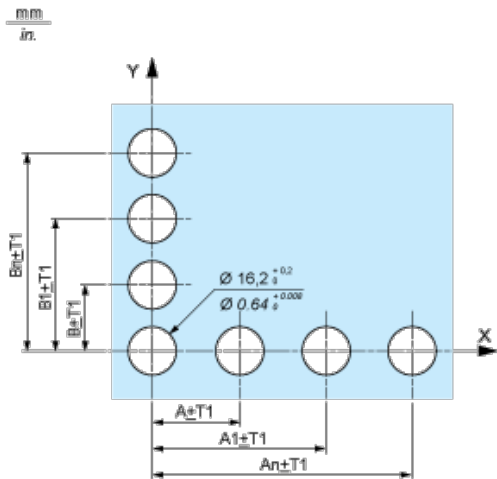
Panel Cut-out

For Square or Circular Head



Pushbuttons, Switches and Pilot Lights for Printed Circuit Board Connection

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



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



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Электрон  
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