

# Product data sheet

Specifications



Head for emergency stop push button, Harmony XB6, red mushroom 30mm, 16mm, trigger/latching key to release, unmarked

ZB6AS934

## Main

Range of product	Harmony XB6
Product or component type	Head for emergency stop push-button
Device short name	ZB6
Bezel material	Plastic
Mounting diameter	16 mm
Sale per indivisible quantity	1
Shape of signaling unit head	Round
Type of operator	trigger action and mechanical latching
Reset	Key release
Operator profile	Red mushroom Ø 30 mm, unmarked
Type of keylock	Key 200

## Complementary

CAD overall width	30 mm
CAD overall height	30 mm
CAD overall depth	70 mm
Product weight	0.05 kg
Mechanical durability	100000 cycles

## Environment

Protective treatment	TC
Ambient air temperature for storage	-40...70 °C
Ambient air temperature for operation	-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 NEMA 4 conforming to UL 50 NEMA 4X conforming to UL 50 NEMA 13 conforming to CSA C22.2 No 94 NEMA 4 conforming to CSA C22.2 No 94 NEMA 4X conforming to CSA C22.2 No 94

<b>Standards</b>	JIS C8201-5-1 UL 508 EN/ISO 13850 JIS C 852 EN/IEC 60947-5-1 CSA C22.2 No 14 EN/IEC 60947-1 EN/IEC 60947-5-5 EN/IEC 60204-1 JIS C8201-1
<b>Product certifications</b>	UL CSA GOST CCC
<b>Vibration resistance</b>	+/- 3 mm (f= 2...500 Hz) conforming to IEC 60068-2-6 5 gn (f= 2...500 Hz) conforming to IEC 60068-2-6
<b>Shock resistance</b>	30 gn (duration = 18 ms) for half sine wave acceleration conforming to IEC 60068-2-27 50 gn (duration = 11 ms) for half sine wave acceleration conforming to IEC 60068-2-27

## Packing Units

<b>Unit Type of Package 1</b>	PCE
<b>Number of Units in Package 1</b>	1
<b>Package 1 Height</b>	5.8 cm
<b>Package 1 Width</b>	5.0 cm
<b>Package 1 Length</b>	4.2 cm
<b>Package 1 Weight</b>	44.0 g
<b>Unit Type of Package 2</b>	S02
<b>Number of Units in Package 2</b>	75
<b>Package 2 Height</b>	15.0 cm
<b>Package 2 Width</b>	30.0 cm
<b>Package 2 Length</b>	40.0 cm
<b>Package 2 Weight</b>	3.616 kg

## Contractual warranty

<b>Warranty</b>	18 months
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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

Total lifecycle Carbon footprint 1

Environmental Disclosure [Product Environmental Profile](#)

## Use Better

### Materials and Substances

Packaging made with recycled cardboard Yes

Packaging without single use plastic Yes

[EU RoHS Directive](#) 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 [www.P65Warnings.ca.gov](#)

## Use Again

### Repack and remanufacture

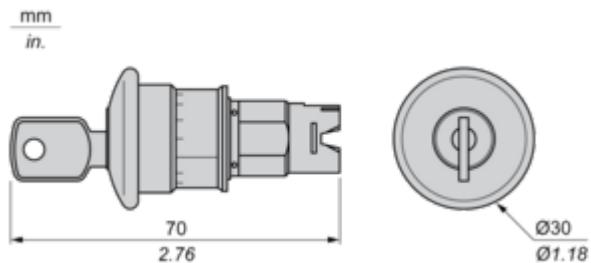
End of life manual availability [End of Life Information](#)

Take-back No

## Dimensions Drawings

Head for Mushroom Head Pushbutton, Trigger Action

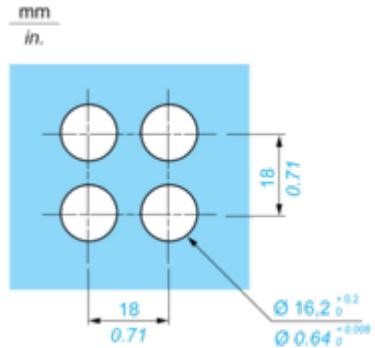
## Dimensions

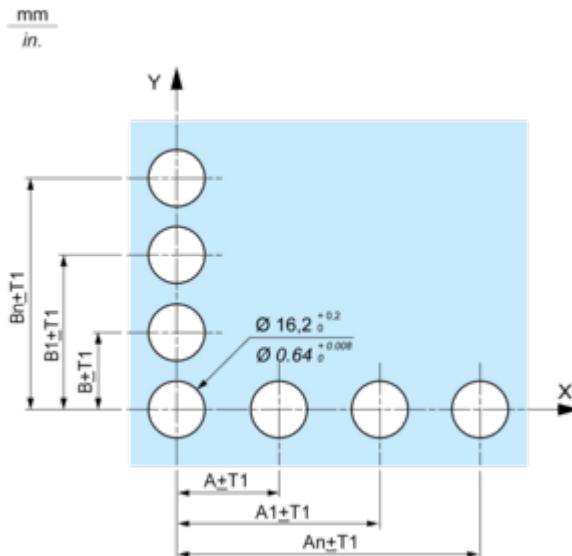
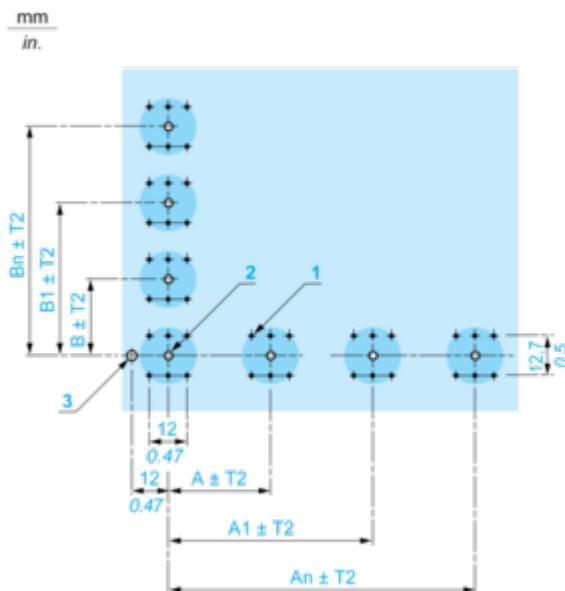


## Mounting and Clearance

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  $\varnothing 1.1$  mm / 6 x  $\varnothing 0.04$  in. holes.

(2) 1 x  $\varnothing 2.6^{+0.2}_{-0.2}$  mm / 1 x  $\varnothing 0.10^{+0.008}_{-0.008}$  in. hole for locating pin, only when using socket adaptor ZB6Y010.

(3) 1 x  $\varnothing 3.2^{+0.2}_{-0.2}$  mm / 1 x  $\varnothing 0.13^{+0.008}_{-0.008}$  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).

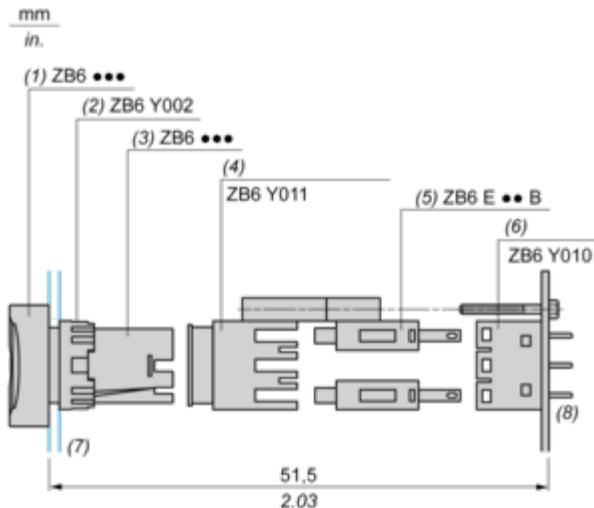
**General tolerances of the panel and printed circuit board:  $T_1, T_2: T_1 + T_2 = 0.3$  mm/0.01 in. maximum.**

**Installation precautions:**

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

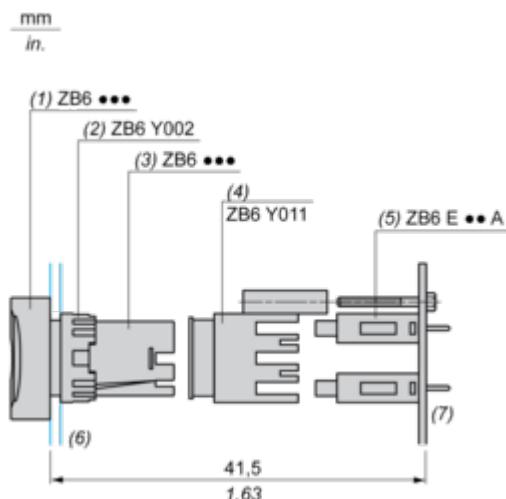
**Mounting with Body Bracket**

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

## Technical Illustration

## Dimensions

