

Product data sheet

Specifications



Plug in socket adaptor, Harmony XB6, printed circuit board accessory, 16mm push button, set of 10

ZB6Y010

Main

Range of product	Harmony XB6
Accessory / separate part designation	Plug-in socket adaptor
Accessory / separate part type	Adaptor
Accessory / separate part category	Adaptation accessories
Accessory / separate part destination	Printed circuit board
Quantity per set	Set of 10

Complementary

Product weight	0.004 kg
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Packing Units

Unit Type of Package 1	PCE
Number of Units in Package 1	1
Package 1 Height	1.900 cm
Package 1 Width	1.900 cm
Package 1 Length	1.910 cm
Package 1 Weight	4.000 g
Unit Type of Package 2	BB1
Number of Units in Package 2	10
Package 2 Height	6.500 cm
Package 2 Width	4.700 cm
Package 2 Length	5.800 cm
Package 2 Weight	47.000 g
Unit Type of Package 3	S01
Number of Units in Package 3	100
Package 3 Height	15.000 cm
Package 3 Width	15.000 cm
Package 3 Length	40.000 cm
Package 3 Weight	643.000 g

Contractual warranty

Warranty

18 months



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

Total lifecycle Carbon footprint

1

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: 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 [www.P65Warnings.ca.gov](#)

Use Again

Repack and remanufacture

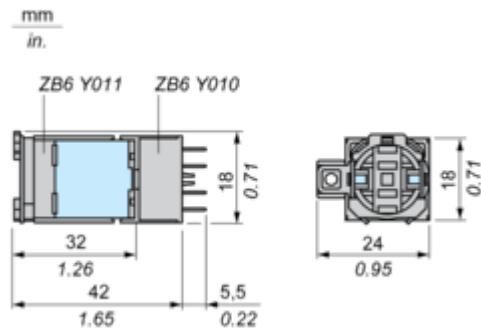
Take-back

No

Dimensions Drawings

Plug-In Socket Adaptor for Printed Circuit Board Mounting and Body Bracket

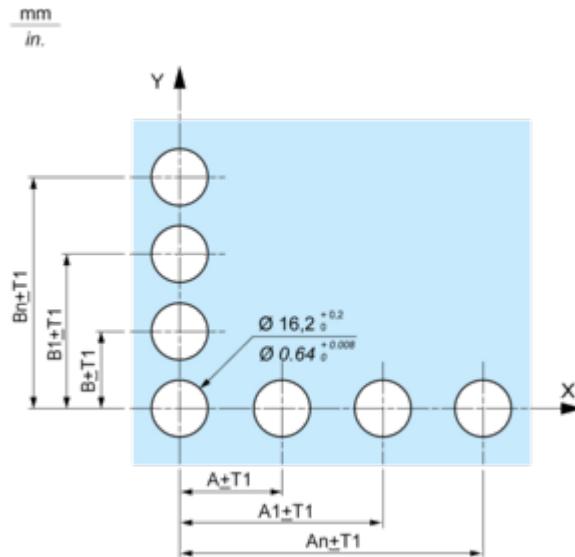
Dimensions



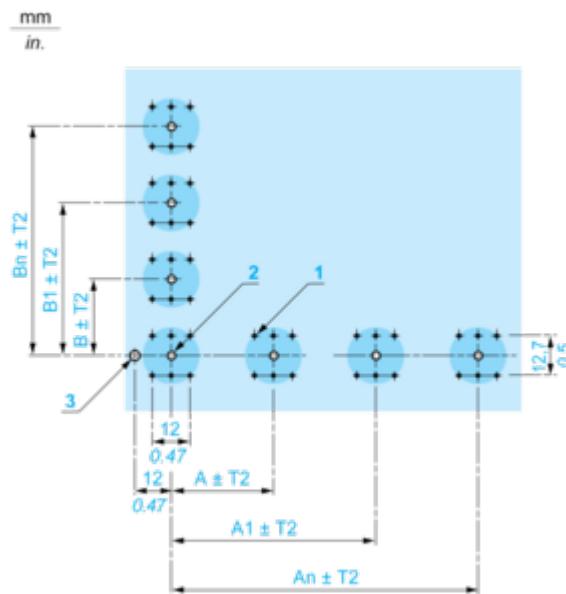
Mounting and Clearance

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^{0.02} mm / 1 x Ø 0.10^{0.008} in. hole for locating pin, only when using socket adaptor ZB6Y010.

(2) $\alpha_1 \times \alpha_2 \alpha_0^0$ — $\alpha_1 \times \alpha_2 \alpha_0 \alpha_1^0$ — in hole for finding of oriented circuit board onto the front panel using hole

(3) 1 x Ø 3.2[°] -0.2 mm / 1 x Ø 0.13[°] -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)

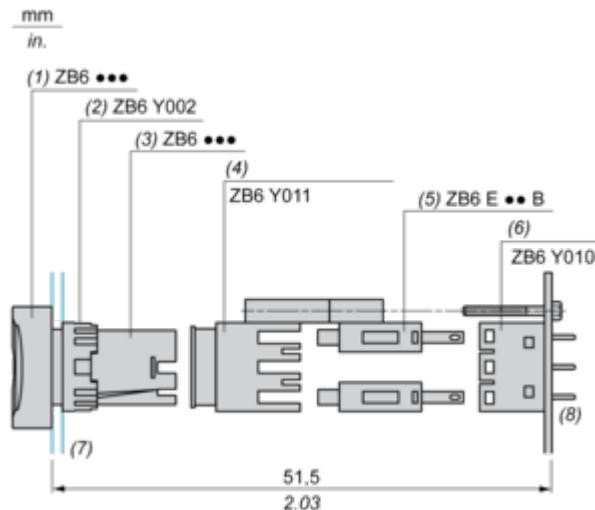
General tolerances of the panel and printed circuit board: T1, T2: $T1 + T2 = 0.3$ mm/0.01 in. maximum.

General tolerances of the Installation precautions:

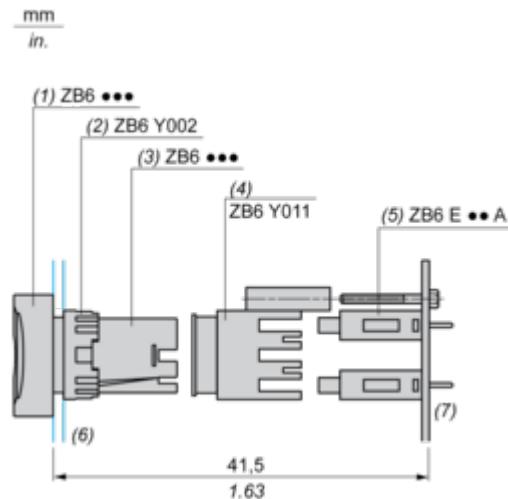
Thickness of printed circuit board: 1.6 mm/0.06 in. minimum.

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

mm
in.

