Product data sheet
Characteristics

ZB6EB3A
Complete body for pilot lights, Harmony XB6, green light block with body fixing collar with integral LED 12...24V

Main

Range of Product	Harmony XB6
Product or Component Type	Complete body for pilot lights
Device short name	ZB6
Sale per indivisible quantity	5
Connections - terminals	Pins for printed circuit board 1 x 0.5 mm
Light source	LED
Bulb base	Integral LED
Light block supply	Direct
Light source colour	Green
[Us] Rated Supply Voltage	12...24 V AC/DC

Complementary

Net Weight	0.01 lb(US) (0.003 kg)
Operating position	Any position
[Ui] rated insulation voltage	250 V 3)IEC 60947-1
[Uimp] rated impulse withstand voltage	4 kV IEC 60947-1
Signalling type	Steady
Supply voltage limits	6…30 V AC/DC
Current Consumption	15 mA
Surge withstand	1 KV in contact IEC 61000-4-5 2 kV in free air IEC 61000-4-5

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 IEC 61140
Standards	JIS C 852 IEC 60947-5-5 JIS C 4520 UL 508 CSA C22.2 No 14 IEC 60947-5-1 IEC 60947-1
Product Certifications	UL[RETURN]GOST[RETURN]CSA[RETURN]CCC
Vibration resistance	+/- 3 mm 2…500 Hz)IEC 60068-2-6 5 gn 2…500 Hz)IEC 60068-2-6
Shock resistance	30 gn 18 ms) half sine wave acceleration IEC 60068-2-27 50 gn 11 ms) half sine wave acceleration IEC 60068-2-27
Resistance to fast transients	2 kV IEC 61000-4-4
Resistance to electromagnetic fields	9.14 V/m (10 V/m) IEC 61000-4-3
Resistance to electrostatic discharge	6 KV on contact (on metal parts) IEC 61000-2-6 8 kV in free air (in insulating parts) IEC 61000-2-6
Electromagnetic emission	Class B IEC 55011

Ordering and shipping details

Category	22459-PUSHBUTTONS, 16MM
Discount Schedule	CS2
GTIN	3389110784251
Returnability	No
Country of origin	ES

Packing Units

Unit Type of Package 1	PCE
Number of Units in Package 1	1
Package 1 Height	3.15 in (8.0 cm)
Package 1 Width	0.83 in (2.1 cm)
Package 1 Length	2.52 in (6.4 cm)
Package 1 Weight	0.14 oz (4.0 g)
Unit Type of Package 2	CAR
Number of Units in Package 2	5
Package 2 Height	3.15 in (8.0 cm)
Package 2 Width	0.83 in (2.1 cm)
Package 2 Length	2.52 in (6.4 cm)
Package 2 Weight	0.78 oz (22.0 g)

Offer Sustainability

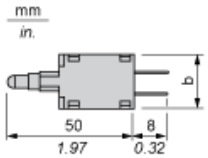
California proposition 65	WARNING: This product can expose you to chemicals including: Lead and lead compounds, which is known to the State of California to cause cancer and birth defects or other reproductive harm. For more information go to www.P65Warnings.ca.gov
REACh Regulation	REACh Declaration
EU RoHS Directive	Pro-active compliance (Product out of EU RoHS legal scope)
Mercury free	Yes
China RoHS Regulation	China RoHS Declaration
RoHS exemption information	Yes
Circularity Profile	No need of specific recycling operations
WEEE	The product must be disposed on European Union markets following specific waste collection and never end up in rubbish bins.

Contractual warranty

Warranty	18 months

Body for Pilot Light

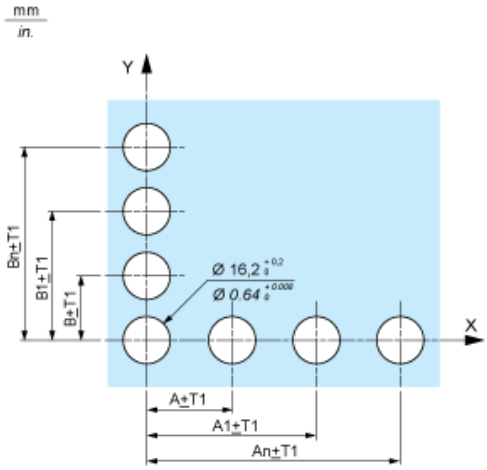
Dimensions



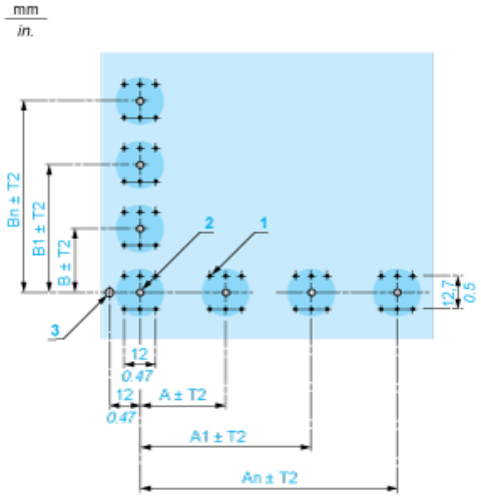
b 15.5 mm/0.61 in.

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 $2.6^{0}_{-0.2}$ mm / 1 x Ø $0.10^{0}_{-0.008}$ in. hole for locating pin, only when using socket adaptor ZB6Y010.

(3) 1 x Ø $3.2^{0}_{-0.2}$ mm / 1 x Ø $0.13^{0}_{-0.008}$ 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).

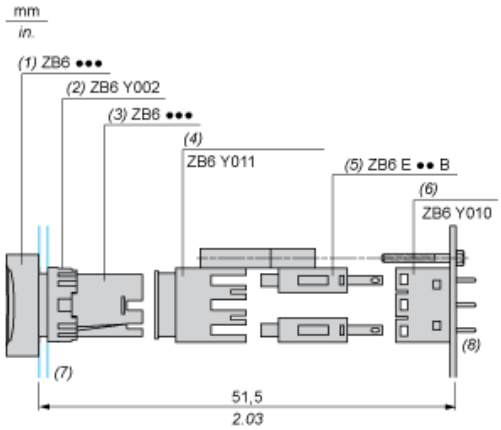
General tolerances of the panel and printed circuit board: T1, T2: T1 + T2 = 0.3 mm/0.01 in. maximum.

Installation precautions:

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

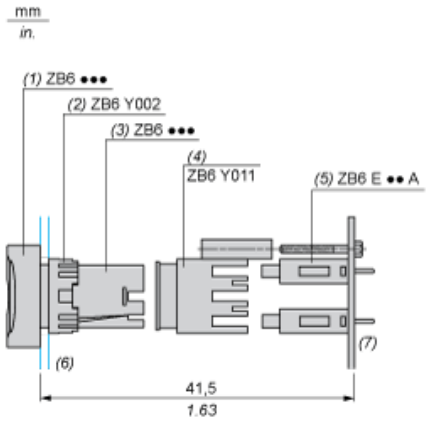
Mounting with Body Bracket

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



(1) Head
(2) Nut
(3) Body
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(6) Panel
(7) Printed circuit