



Main

Range of product	Harmony XB6
Product or component type	Head for pilot light
Product compatibility	Integral LED
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
Cap/operator or lens colour	Green

Complementary

CAD overall width	0.71 in (18 mm)
CAD overall height	0.71 in (18 mm)
CAD overall depth	1.30 in (33 mm)
Net Weight	0.03 lb(US) (0.015 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 IEC 61140
IP degree of protection	IP65 IEC 60529
NEMA degree of protection	NEMA 13 UL 50 NEMA 4 UL 50 NEMA 4X UL 50 NEMA 13 CSA C22.2 No 94 NEMA 4 CSA C22.2 No 94 NEMA 4X CSA C22.2 No 94
Standards	EN/IEC 60947-5-5 CSA C22.2 No 14 JIS C 4520 UL 508 JIS C 852 EN/IEC 60947-1 EN/IEC 60947-5-1
Product certifications	CCC CSA UL GOST
Vibration resistance	+/- 3 mm 2...500 Hz)IEC 60068-2-6 5 gn (f= 2...500 Hz) conforming to IEC 60068-2-6
Shock resistance	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

Ordering and shipping details

Category	22459 - PUSHBUTTONS, 16MM
Discount Schedule	CS2
GTIN	00785901360353
Nbr. of units in pkg.	1
Package weight(Lbs)	0.01 lb(US) (0.00 kg)
Returnability	Yes
Country of origin	ES

Packing Units

Unit Type of Package 1	PCE
Package 1 Height	1.26 in (3.2 cm)
Package 1 width	2.01 in (5.1 cm)
Package 1 Length	3.39 in (8.6 cm)
Unit Type of Package 2	BAG
Number of Units in Package 2	1
Package 2 Weight	0.28 oz (8 g)
Package 2 Height	1.26 in (3.2 cm)
Package 2 width	2.01 in (5.1 cm)
Package 2 Length	3.39 in (8.6 cm)
Unit Type of Package 3	S01
Number of Units in Package 3	80
Package 3 Weight	29.63 oz (840 g)
Package 3 Height	5.91 in (15 cm)
Package 3 width	5.91 in (15 cm)
Package 3 Length	15.75 in (40 cm)

Offer Sustainability

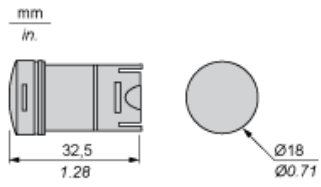
Sustainable offer status	Green Premium product
California proposition 65	WARNING: This product can expose you to chemicals including: Lead and lead compounds, which is known to the State of California to cause cancer and birth defects or other reproductive harm. For more information go to www.P65Warnings.ca.gov
REACH Regulation	REACH Declaration
EU RoHS Directive	Pro-active compliance (Product out of EU RoHS legal scope) EU RoHS Declaration
Mercury free	Yes
RoHS exemption information	Yes
China RoHS Regulation	China RoHS Declaration
Environmental Disclosure	Product Environmental Profile
Circularity Profile	End Of Life Information

Contractual warranty

Warranty	18 months
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Circular Head for Pilot Light

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

(2) 1 x \varnothing 2.6⁰_{-0.2} mm / 1 x \varnothing 0.10⁰_{-0.008} in. hole for locating pin, only when using socket adaptor ZB6Y010.

(3) 1 x \varnothing 3.2⁰_{-0.2} mm / 1 x \varnothing 0.13⁰_{-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