

## green square projecting illuminated pushbutton head Ø16 spring return 12...24V

Local distributor code: 398147882

ZB6CE3

! Discontinued on: 9 Feb 2023

(!) Discontinued

EAN Code: 3389110776348

### Main

Range of product	Harmony XB6	
Product or component type	Head for illuminated push-button	
Product compatibility	Integral LED	
Device short name	ZB6	
Bezel material	Plastic	
Mounting diameter	16 mm	
Sale per indivisible quantity	1	
Shape of signaling unit head	Square	
Type of operator	spring return	
Operator profile	Green projecting, unmarked	

## Complementary

CAD overall width	18 mm	
CAD overall height	18 mm	
CAD overall depth	36 mm	
Net weight	0.016 kg	

### **Environment**

Protective treatment	TC	
Ambient air temperature for storage	-4070 °C	
Ambient air temperature for operation	-2570 °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 4 conforming to CSA C22.2 No 94	

NEMA 4X conforming to CSA C22.2 No 94 NEMA 13 conforming to CSA C22.2 No 94

Life Is On Schneider 4 Apr 2025

Standards	JIS C 852 UL 508 EN/IEC 60947-1 EN/IEC 60947-5-5 EN/IEC 60947-5-1 JIS C8201-5-1 CSA C22.2 No 14 JIS C8201-1
Product certifications	CCC CSA UL GOST
Vibration resistance	+/- 3 mm (f= 2500 Hz) conforming to IEC 60068-2-6 5 gn (f= 2500 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

# **Packing Units**

_	
Unit Type of Package 1	PCE
Number of Units in Package 1	1
Package 1 Height	2.000 cm
Package 1 Width	7.000 cm
Package 1 Length	8.000 cm
Package 1 Weight	9.000 g
Unit Type of Package 2	S01
Number of Units in Package 2	60
Package 2 Height	15.000 cm
Package 2 Width	15.000 cm
Package 2 Length	40.000 cm
Package 2 Weight	713.000 g

## **Contractual warranty**

Warranty 18 months



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 >

Carbon footprint (kg.eq.CO2 per CR, Total Life cycle)	1	

#### Use Better

Packaging without single use plastic	No
EU RoHS Directive	Pro-active compliance (Product out of EU RoHS legal scope)

### Use Again

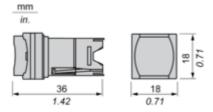
○ Repack and remanufacture		
Take-back	No	

## ZB6CE3

## **Dimensions Drawings**

## Square Head for Illuminated or Non Illuminated Pushbutton

#### **Dimensions**



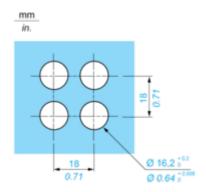
## **Product datasheet**

## ZB6CE3

Mounting and Clearance

## Panel Cut-out

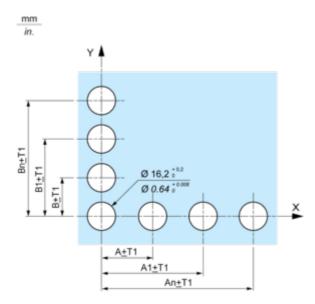
## For Square or Circular Head



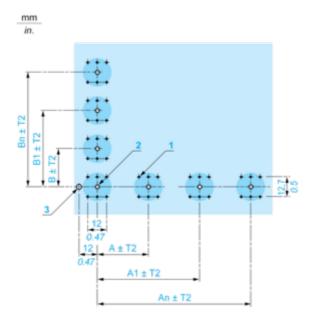
4 Apr 2025

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

(3)  $1 \times \emptyset \ 3.2^{0}_{-0.2} \ \text{mm} \ / \ 1 \times \emptyset \ 0.13^{0}_{-0.008}$  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).

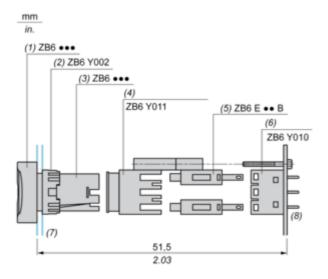
General tolerances of the panel and printed circuit board: T1, T2: T1 + T2 = 0.3 mm/0.01 in. maximum. Installation precautions:

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

#### **Mounting with Body Bracket**

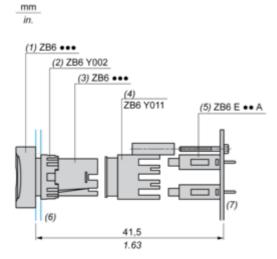
With socket adaptor ZB6Y010

## ZB6CE3



- (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