ZB6AW9
flush pushbutton head Ø16 spring return with 6 coloured caps

Product availability: Non-Stock - Not normally stocked in distribution facility

Price*: 16.40 USD

Main

Commercial Status	Commercialised
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	0.63 in (16 mm)
Sale per indivisible quantity	1
Shape of signaling unit head	Round
Type of operator	Spring return
Operator profile	6 colors choice flush unmarked
Operator additional information	Set of 6 color caps

Complementary

CAD overall width	0.71 in (18 mm)
CAD overall height	0.71 in (18 mm)
CAD overall depth	1.3 in (33 mm)
Product weight	0.04 lb(US) (0.016 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)
Class of protection against electric shock	Class II conforming to IEC 61140
IP degree of protection	IP65 conforming to IEC 60529
NEMA degree of protection	NEMA 13 conforming to CSA C22.2 No 94 NEMA 4X conforming to CSA C22.2 No 94 NEMA 4 conforming to CSA C22.2 No 94 NEMA 4X conforming to UL 50 NEMA 4 conforming to UL 50 NEMA 13 conforming to UL 50
Standards	EN/IEC 60947-1 EN/IEC 60947-5-1 EN/IEC 60947-5-5 JIS C 4520 JIS C 852 UL 508 CSA C22.2 No 14
Product certifications	CCC CSA GOST UL

| Vibration resistance	5 gn (f = 2...500 Hz) conforming to IEC 60068-2-6
	+/- 3 mm (f = 2...500 Hz) conforming to IEC 60068-2-6
Shock resistance	50 gn (duration = 11 ms) half sine wave acceleration conforming to IEC 60068-2-27
	30 gn (duration = 18 ms) half sine wave acceleration conforming to IEC 60068-2-27

Ordering and shipping details

Category	22459 - PUSHBUTTONS, 16MM
Discount Schedule	CS2
GTIN	00785901360834
Nbr. of units in pkg.	1
Product availability	Non-Stock - Not normally stocked in distribution facility
Returnability	N
Country of origin	ES

Contractual warranty

Warranty period	18 months

Schneider Electric

Schneider Electric

Circular Head for Illuminated or Non Illuminated Pushbutton

Dimensions

mm
in.

32,5
1.28

Ø18
Ø0.71
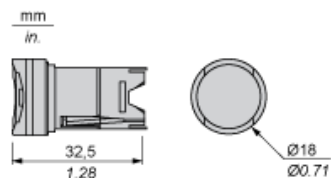
Panel Cut-out

For Square or Circular Head

$\frac{mm}{in.}$

18
0.71

18
0.71

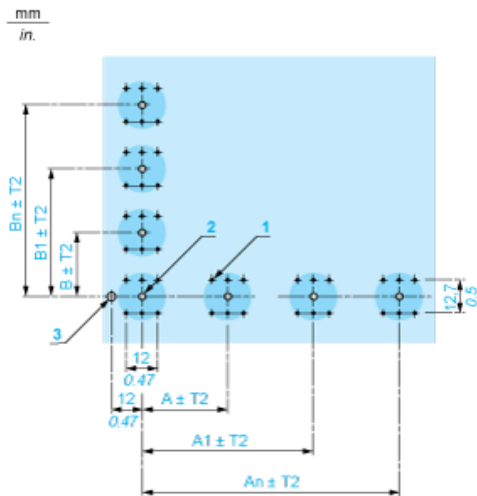$\varnothing\ 16.2\ ^{+0.2}_{0}$
$\varnothing\ 0.64\ ^{+0.008}_{0}$
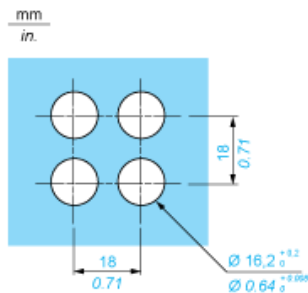
Pushbuttons, Switches and Pilot Lights for Printed Circuit Board Connection

Front Panel Cut-out (Viewed from Installer's Side)

$\frac{mm}{in.}$

Y

$Bt \pm T1$
$B1 \pm T1$
$B \pm T1$

$\varnothing\ 16.2\ ^{+0.2}_{0}$
$\varnothing\ 0.64\ ^{+0.008}_{0}$

X

$A \pm T1$
$A1 \pm T1$
$An \pm T1$
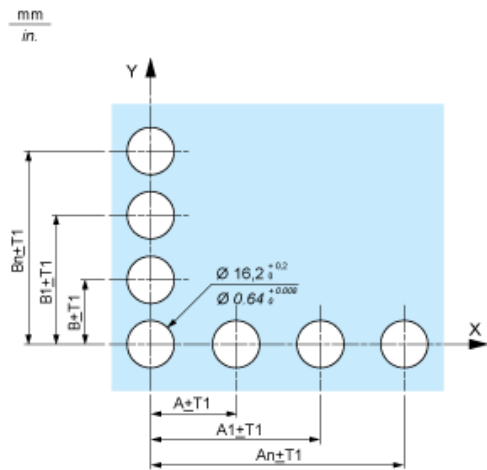
Printed Circuit Board Drillings (Viewed from Electrical Block Side)

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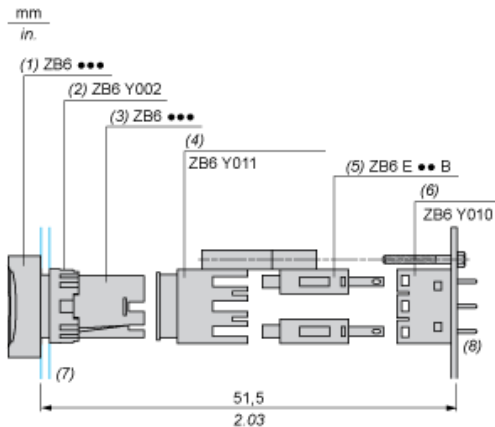
General tolerances of the panel and printed circuit board: T1, T2: T1 + T2 = 0.3 mm/0.01 in. maximum.

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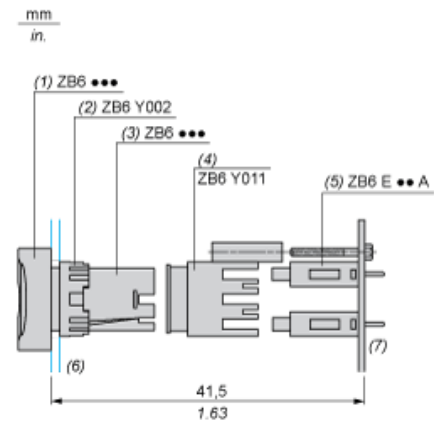Thickness of printed circuit board: 1.6 mm/0.06 in. minimum.

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
(4) Body bracket
(5) Contact block
(6) Panel
(7) Printed circuit