Product datasheet

Specification





red Ø30 Emergency stop pushbutton head Ø16 trigger and latching turn release

ZB6AS834

Main

Range Of Product	Harmony XB6	
Product Or Component Type	Head for emergency stop push-button	
Device Short Name	ZB6	
Bezel Material	Plastic	
Mounting Diameter	16 mm	
Sale Per Indivisible Quantity	1	
Shape Of Signaling Unit Head	Round	
Type Of Operator	trigger action and mechanical latching	
Reset	Turn to release	
Operator Profile	Red mushroom Ø 30 mm. unmarked	

Complementary

Cad Overall Width	30 mm
Cad Overall Height	30 mm
Cad Overall Depth	50 mm
Net Weight	0.035 kg
Mechanical Durability	100000 cycles

Environment

TC
-4070 °C
-2570 °C
Class II conforming to IEC 61140
IP65 conforming to IEC 60529
NEMA 13 conforming to UL 50 NEMA 4 conforming to UL 50 NEMA 4X conforming to UL 50 NEMA 13 conforming to CSA C22.2 No 94

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

Excluding VAT, FCA Jabal Ali & are subject to change – check with your local distributor.

Standards	JIS C 852 CSA C22.2 No 14 EN/IEC 60947-1 EN/IEC 60947-5-1 EN/ISO 13850 EN/IEC 60947-5-5 EN/IEC 60204-1 JIS C8201-5-1 UL 508 JIS C8201-1	
Product Certifications	CCC CSA GOST UL	
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	6.200 cm
Package 1 Width	5.600 cm
Package 1 Length	4.500 cm
Package 1 Weight	29.000 g
Unit Type Of Package 2	S02
Number Of Units In Package 2	75
Package 2 Height	15.000 cm
Package 2 Width	30.000 cm
Package 2 Length	40.000 cm
Package 2 Weight	2.500 kg

Contractual warranty

Warranty 18 months



Green PremiumTM **label** is Schneider Electric's commitment to delivering products with best-inclass environmental performance. Green Premium promises compliance with the latest regulations, transparency on environmental impacts, as well as circular and low-CO₂ products.

Guide to assessing product sustainability is a white paper that clarifies global eco-label standards and how to interpret environmental declarations.

Learn more about Green Premium >

Guide to assess a product's sustainability >





Transparency RoHS/REACh

Well-being performance

Ø	Reach Free Of Svhc	
②	Toxic Heavy Metal Free	
9	Mercury Free	
⊘	Rohs Exemption Information	Yes

Certifications & Standards

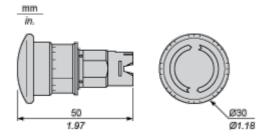
Reach Regulation	REACh Declaration
Eu Rohs Directive	Pro-active compliance (Product out of EU RoHS legal scope) EU RoHS Declaration
China Rohs Regulation	China RoHS declaration
Environmental Disclosure	Product Environmental Profile
Circularity Profile	End of Life Information

ZB6AS834

Dimensions Drawings

Head for Mushroom Head Pushbutton, Trigger Action

Dimensions



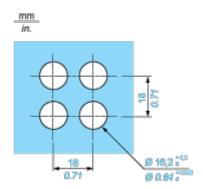
Product datasheet

ZB6AS834

Mounting and Clearance

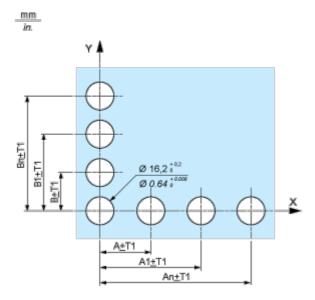
Panel Cut-out

For Square or Circular Head

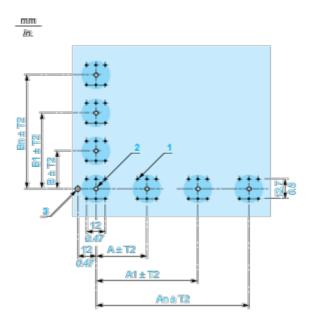


Pushbuttons, Switches and Pilot Lights for Printed Circuit Board Connection

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



Printed Circuit Board Drillings (Viewed from Electrical Block Side)



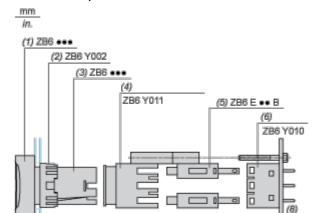
- A 24 mm/0.94 in. minimum for rectangular heads, 18 mm/0.71 in. minimum for square or circular heads
- B 18 mm/0.71 in. minimum
- (1) 6 x Ø 1.1 mm / 6 x Ø 0.04 in. holes.
- $(2) \qquad 1~x~\varnothing~2.6^{0}_{-0.2}~mm~/~1~x~\varnothing~0.10^{0}_{-0.008}~in.~hole~for~locating~pin,~only~when~using~socket~adaptor~ZB6Y010.$
- (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



51,5 2.03

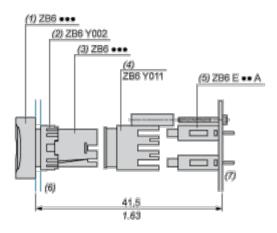
(1) Head

(7)

- (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