Disclaimer. This documentation is not intended as a substitute for and is not to be used for determining suitability or reliability of these products for specific user applications



selector switch head Ø16 3-position spring return Ronis 200

Local distributor code: 398147154

ZB6AGQ

! Discontinued on: 9 Feb 2023

EAN Code: 3389110785098

(!) Discontinued

Main

Range of product	Harmony XB6
Product or component type	Head for key selector switch
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	Right to centre spring return
Operator profile	Black key switch
Operator position information	3 positions
Type of keylock	Key 200
Key withdrawal position	Left-hand

Complementary

CAD overall width	18 mm	
CAD overall height	18 mm	
CAD overall depth	55 mm	

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 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

Standards	IEC 60947-5-5 CSA C22.2 No 14 IEC 60947-5-1 JIS C 852 UL 508 IEC 60947-1 JIS C8201-5-1 JIS C8201-1
Product certifications	CCC GOST UL CSA
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	1.900 cm
Package 1 Width	2.200 cm
Package 1 Length	5.700 cm
Package 1 Weight	24.000 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	

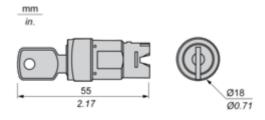
Product datasheet

ZB6AGQ

Dimensions Drawings

Circular Head for Key Switch

Dimensions



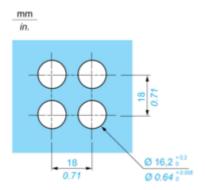
Product datasheet

ZB6AGQ

Mounting and Clearance

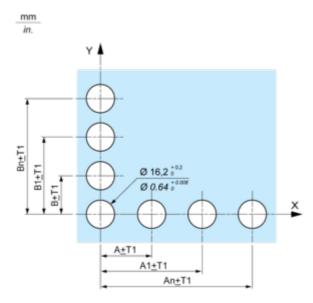
Panel Cut-out

For Square or Circular Head

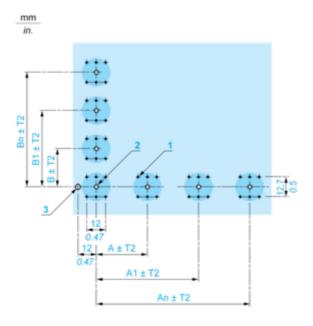


Pushbuttons, Switches and Pilot Lights for Printed Circuit Board Connection

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) 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).

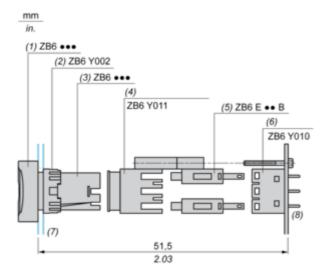
General tolerances of the panel and printed circuit board: T1, T2: T1 + T2 = 0.3 mm/0.01 in. maximum. Installation precautions:

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

Mounting with Body Bracket

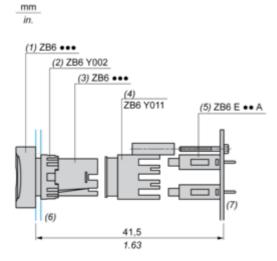
With socket adaptor ZB6Y010

ZB6AGQ



- (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