

# Product data sheet

## Characteristics

# XB6ETN521P

Complete non illuminated mushroom head push button, Harmony XB6E, 16mm, red pushbutton 32mm, trigger turn pull to release, 2NC



### Main

Range of product	Harmony XB6E
Product or component type	Complete non-illuminated mushroom head push-button
Device short name	XB6E
Bezel material	Plastic
Mounting diameter	16 mm
Shape of signaling unit head	Round
Type of operator	Trigger action
Reset	Pull to release Turn to release
Operator profile	Red mushroom Ø 32 mm
Contacts type and composition	2 NC
Connections - terminals	Solder terminal, clamping capacity: <= 0.75 mm <sup>2</sup> AWG 19

### Complementary

Net weight	0.0194 kg
Marking	CE
Mechanical durability	100000 cycles
Tightening torque	0.6...1 N.m
Short-circuit protection	6 A fuse type gG conforming to IEC 60269
[I <sub>th</sub> ] conventional free air thermal current	5 A
[U <sub>i</sub> ] rated insulation voltage	250 V (pollution degree 3)
Insulation resistance	< 100 MΩ
[U <sub>imp</sub> ] rated impulse withstand voltage	2.5 kV
[I <sub>e</sub> ] rated operational current	1.5 A at 120 V, AC-12, C300 conforming to IEC 60947-5-1 0.3 A at 120 V, AC-15, C300 conforming to IEC 60947-5-1 1 A at 240 V, AC-12, C300 conforming to IEC 60947-5-1 0.3 A at 240 V, AC-15, C300 conforming to IEC 60947-5-1 1 A at 24 V, DC-12, R300 conforming to IEC 60947-5-1 0.7 A at 24 V, DC-13, R300 conforming to IEC 60947-5-1 0.2 A at 125 V, DC-12, R300 conforming to IEC 60947-5-1 0.15 A at 125 V, DC-13, R300 conforming to IEC 60947-5-1
Electrical durability	1000000 Cycles 50000 cycles, DC-13

The information provided in this documentation contains general descriptions and/or technical characteristics of the performance of the products contained herein. 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. It is the duty of any such user or integrator to perform the appropriate and complete risk analysis, evaluation and testing of the products with respect to the relevant specific application or use thereof. Neither Schneider Electric Industries SAS nor any of its affiliates or subsidiaries shall be responsible or liable for misuse of the information contained herein.

## Environment

Ambient air temperature for storage	-40...70 °C
Ambient air temperature for operation	-10...55 °C
IP degree of protection	IP65 conforming to IEC 60529
Standards	IEC 60947-5-5 UL 508 JIS C8201-5-1 CSA C22.2 No 14 GB 14048.5 IEC 60947-5-1 JIS C8201-1
Product certifications	UR[RETURN]CCC[RETURN]TÜV
Vibration resistance	+/- 0.7 mm (f= 10...500 Hz)
Shock resistance	500 m/s <sup>2</sup> for mechanical durability

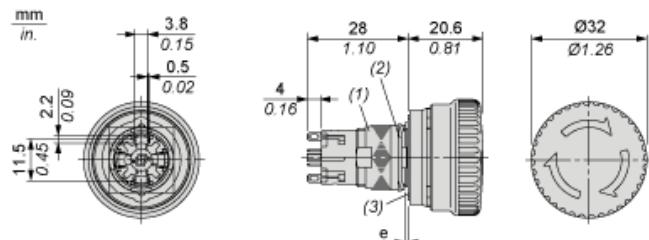
## Packing Units

Unit Type of Package 1	PCE
Number of Units in Package 1	1
Package 1 Height	6.6 cm
Package 1 Width	4.3 cm
Package 1 Length	4.3 cm
Package 1 Weight	27.2 g
Unit Type of Package 2	BAG
Number of Units in Package 2	5
Package 2 Height	4 cm
Package 2 Width	11 cm
Package 2 Length	20 cm
Package 2 Weight	116 g
Unit Type of Package 3	S01
Number of Units in Package 3	30
Package 3 Height	15 cm
Package 3 Width	15 cm
Package 3 Length	40 cm
Package 3 Weight	928 g

## Offer Sustainability

Sustainable offer status	Green Premium product
REACH Regulation	 <a href="#">REACH Declaration</a>
REACH free of SVHC	Yes
EU RoHS Directive	Pro-active compliance (Product out of EU RoHS legal scope)  <a href="#">EU RoHS Declaration</a>
Toxic heavy metal free	Yes
Mercury free	Yes
China RoHS Regulation	 <a href="#">China RoHS Declaration</a>
RoHS exemption information	 Yes
WEEE	The product must be disposed on European Union markets following specific waste collection and never end up in rubbish bins

Emergency Stop Pushbutton



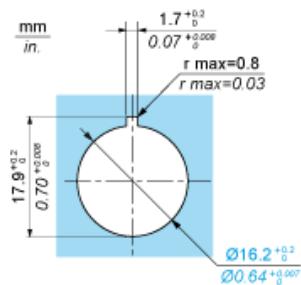
e : panel thickness 0.5 to 6 mm / 0.01 to 0.23 in.

- (1) Nut
- (2) Anti-rotation plate (thickness: 0.6 mm / 0.02 in.)
- (3) Seal (thickness: 0.5 mm / 0.01 in.)

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Panel Cut-out

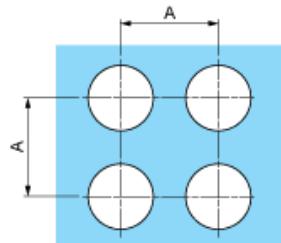
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Minimum Clearance for Emergency Stop Pushbutton

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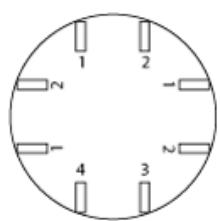
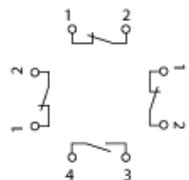
A : 41 mm / 1.61

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### Wiring Diagram

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#### Emergency Stop Pushbutton Switches



Terminal 1-2 : contact terminals

1-2 :

Terminal 3-4 : contact terminals

3-4 :