

# Product data sheet

Specifications



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

XB6ETN521P

**Product availability: Stock - Normally stocked in distribution facility**

## 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	0.6 in (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 <= 0.75 mm <sup>2</sup> AWG 19

## Complementary

Net Weight	0.0428 lb(US) (0.0194 kg)
Marking	CE
Mechanical durability	100000 cycles
Tightening torque	5.3...8.9 lbf.in (0.6...1 N.m)
Short-circuit protection	6 A fuse gG IEC 60269
[I <sub>th</sub> ] conventional free air thermal current	5 A
[U <sub>i</sub> ] rated insulation voltage	250 V 3)
Insulation resistance	< 100 MOhm
[U <sub>imp</sub> ] rated impulse withstand voltage	2.5 kV
[I <sub>e</sub> ] rated operational current	1.5 A 120 V, AC-12, C300 IEC 60947-5-1 0.3 A 120 V, AC-15, C300 IEC 60947-5-1 1 A 240 V, AC-12, C300 IEC 60947-5-1 0.3 A 240 V, AC-15, C300 IEC 60947-5-1 1 A 24 V, DC-12, R300 IEC 60947-5-1 0.7 A 24 V, DC-13, R300 IEC 60947-5-1 0.2 A 125 V, DC-12, R300 IEC 60947-5-1 0.15 A 125 V, DC-13, R300 IEC 60947-5-1
Electrical durability	1000000 cycles 50000 cycles, DC-13

Price is "List Price" and may be subject to a trade discount – check with your local distributor or retailer for actual price.

## Environment

<b>Ambient Air Temperature for Storage</b>	-40...158 °F (-40...70 °C)
<b>Ambient air temperature for operation</b>	14...131 °F (-10...55 °C)
<b>IP degree of protection</b>	IP65 IEC 60529
<b>Standards</b>	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
<b>Product Certifications</b>	UR CCC TÜV
<b>Vibration resistance</b>	+/- 0.7 mm (f= 10...500 Hz)
<b>Shock resistance</b>	500 m/s <sup>2</sup> mechanical durability

## Ordering and shipping details

<b>Category</b>	US10CS222459
<b>Discount Schedule</b>	0CS2
<b>GTIN</b>	3606480597664
<b>Returnability</b>	No
<b>Country of origin</b>	CN

## Packing Units

<b>Unit Type of Package 1</b>	PCE
<b>Nbr. of units in pkg.</b>	1
<b>Package 1 Height</b>	2.598 in (6.600 cm)
<b>Package 1 Width</b>	1.693 in (4.300 cm)
<b>Package 1 Length</b>	1.693 in (4.300 cm)
<b>Package weight(Lbs)</b>	0.811 oz (23.000 g)
<b>Unit Type of Package 2</b>	BB1
<b>Number of Units in Package 2</b>	5
<b>Package 2 Height</b>	1.575 in (4.000 cm)
<b>Package 2 Width</b>	4.331 in (11.000 cm)
<b>Package 2 Length</b>	7.874 in (20.000 cm)
<b>Package 2 Weight</b>	4.056 oz (115.000 g)
<b>Unit Type of Package 3</b>	S01
<b>Number of Units in Package 3</b>	30
<b>Package 3 Height</b>	5.906 in (15.000 cm)
<b>Package 3 Width</b>	5.906 in (15.000 cm)
<b>Package 3 Length</b>	15.748 in (40.000 cm)
<b>Package 3 Weight</b>	32.734 oz (928.000 g)

## Contractual warranty



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Warranty (in months)

18

## Environmental Data

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 >](#)

### Environmental footprint

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

Environmental Disclosure [Product Environmental Profile](#)

### Use Better

#### Materials and Substances

Packaging made with recycled cardboard Yes

Packaging without single use plastic No

[EU RoHS Directive](#) Pro-active compliance (Product out of EU RoHS legal scope)

REACH Regulation [REACH Declaration](#)

California proposition 65 **WARNING:** This product can expose you to chemicals including: Nickel compounds, which is known to the State of California to cause cancer, and Di-isodecyl phthalate (DIDP), which is known to the State of California to cause birth defects or other reproductive harm. For more information go to [www.P65Warnings.ca.gov](http://www.P65Warnings.ca.gov)

### Use Again

#### Repack and remanufacture

Circularity Profile [End of Life Information](#)

Take-back No

WEEE Label The product must be disposed on European Union markets following specific waste collection and never end up in rubbish bins.

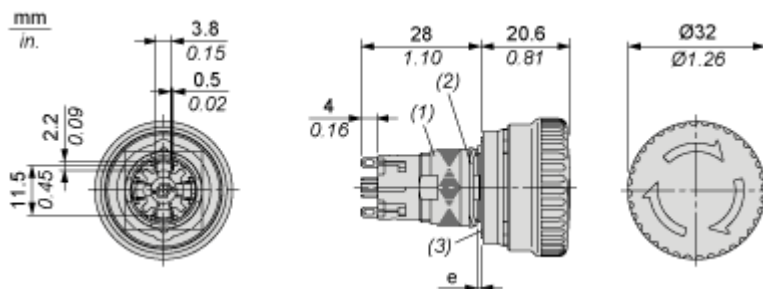
## Product data sheet

## XB6ETN521P

### Dimensions Drawings

### Emergency Stop Pushbutton

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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.)

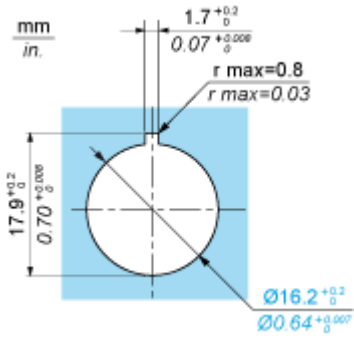
# Product data sheet

# XB6ETN521P

## Mounting and Clearance

### Panel Cut-out

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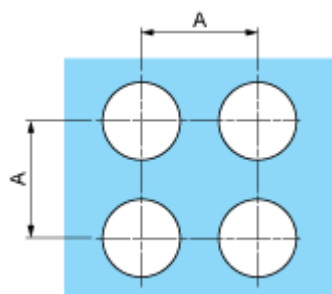


## Product data sheet

## XB6ETN521P

### Minimum Clearance for Emergency Stop Pushbutton

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A : 41 mm / 1.61

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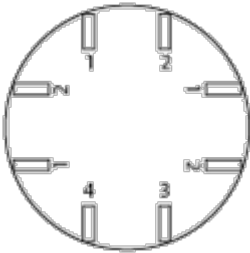
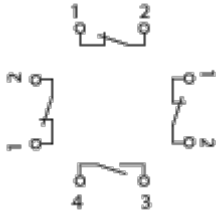
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### Connections and Schema

#### Wiring Diagram

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#### Emergency Stop Pushbutton Switches



Terminals 1-2 : NC contact terminals

Terminals 3-4 : NO contact terminals

## Product data sheet

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Image of product / Alternate images

Alternative

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