

Product data sheet

Specifications



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

XB6ETN521P

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: $\leq 0.75 \text{ mm}^2$ AWG 19

Complementary

Product 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
[Ith] conventional free air thermal current	5 A
[Ui] rated insulation voltage	250 V (pollution degree 3)
Insulation resistance	$< 100 \text{ MOhm}$
[Uimp] rated impulse withstand voltage	2.5 kV
[Ie] 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

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 CCC TÜV
Vibration resistance	+/- 0.7 mm (f= 10...500 Hz)
Shock resistance	500 m/s ² for mechanical durability

Packing Units

Unit Type of Package 1	PCE
Number of Units in Package 1	1
Package 1 Height	6.600 cm
Package 1 Width	4.300 cm
Package 1 Length	4.300 cm
Package 1 Weight	23.000 g
Unit Type of Package 2	BB1
Number of Units in Package 2	5
Package 2 Height	4.000 cm
Package 2 Width	11.000 cm
Package 2 Length	20.000 cm
Package 2 Weight	115.000 g
Unit Type of Package 3	S01
Number of Units in Package 3	30
Package 3 Height	15.000 cm
Package 3 Width	15.000 cm
Package 3 Length	40.000 cm
Package 3 Weight	928.000 g

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

Total lifecycle Carbon footprint 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)

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**

Use Again

Repack and remanufacture

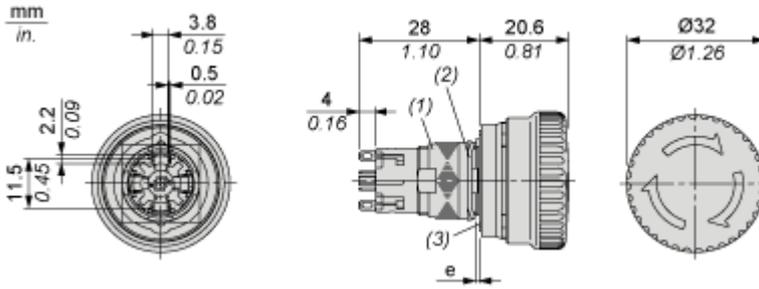
End of life manual availability [End of Life Information](#)

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

Dimensions Drawings

Emergency Stop Pushbutton

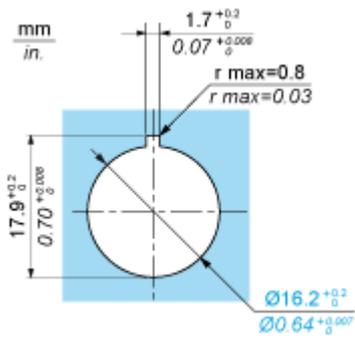


e : panel thickness 0.5 to 6 mm / 0.01 to 0.23 in.

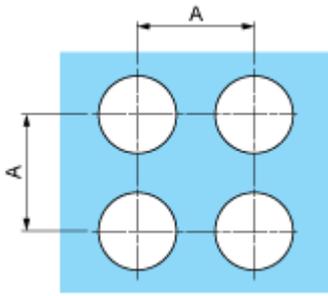
- (1) Nut
- (2) Anti-rotation plate (thickness: 0.6 mm / 0.02 in.)
- (3) Seal (thickness: 0.5 mm / 0.01 in.)

Mounting and Clearance

Panel Cut-out



Minimum Clearance for Emergency Stop Pushbutton

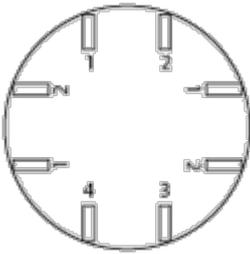
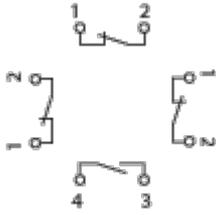


A : 41 mm / 1.61

Connections and Schema

Wiring Diagram

Emergency Stop Pushbutton Switches



Terminals 1-2 : NC contact terminals

Terminals 3-4 : NO contact terminals

Image of product / Alternate images

Alternative





