

Product datasheet

Specifications



Complete non illuminated
mushroom head push button.
Harmony XB6E. Ø 16 mm
Emergency stop. Ø 32 mm turn/pull
to release. 2NC

XB6ETN521P

Price: 642.03 ZAR

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 Diamete	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 mm² 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
[Ith] Conventional Free Air Thermal Current	5 A
[Ui] Rated Insulation Voltage	250 V (pollution degree 3)
Insulation Resistance	< 100 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

Excluding VAT and subject to change. Please check with your local distributor through "Where to buy"

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

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/s² 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

Sustainability

Green Premium™ label is Schneider Electric's commitment to delivering products with best-in-class 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 >](#)

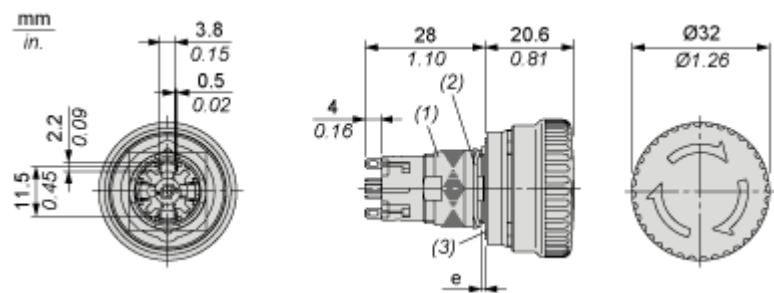
[Guide to assess a product's sustainability >](#)

Well-being performance

✓	Reach Free Of Svhc	
✓	Toxic Heavy Metal Free	
✓	Mercury Free	
✓	Rohs Exemption Information	Yes
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	
Weee	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

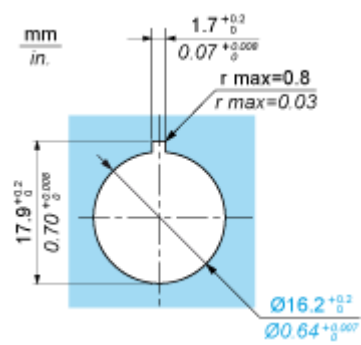


e : panel thickness 0.5 to 6 mm / 0.01 to 0.23 in.

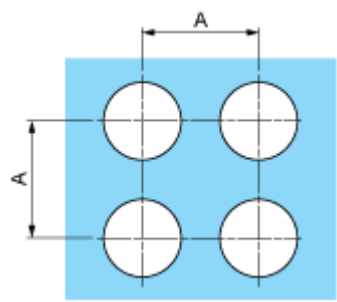
- (1) Nut
- (2) Anti-rotation plate (thickness: 0.6 mm / 0.02 in.)
- (3) Seal (thickness: 0.5 mm / 0.01 in.)

Mounting and Clearance

Panel Cut-out



Minimum Clearance for Emergency Stop Pushbutton

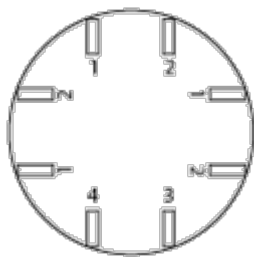
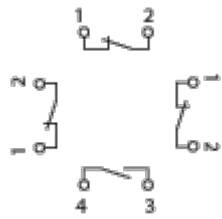


A : 41 mm / 1.61

Connections and Schema

Wiring Diagram

Emergency Stop Pushbutton Switches



Terminals 1-2 : NC contact terminals

Terminals 3-4 : NO contact terminals