

Product data sheet

Specifications



Complete non illuminated mushroom head push button, Harmony XB6E, 16mm, red pushbutton 32 mm, 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: <= 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 EN/IEC 60947-5-1 0.3 A at 120 V, AC-15, C300 conforming to EN/IEC 60947-5-1 1 A at 240 V, AC-12, C300 conforming to EN/IEC 60947-5-1 0.3 A at 240 V, AC-15, C300 conforming to EN/IEC 60947-5-1 1 A at 24 V, DC-12, R300 conforming to EN/IEC 60947-5-1 0.7 A at 24 V, DC-13, R300 conforming to EN/IEC 60947-5-1 0.2 A at 125 V, DC-12, R300 conforming to EN/IEC 60947-5-1 0.15 A at 125 V, DC-13, R300 conforming to EN/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	EN 60947-5-5 UL 508 JIS C8201-5-1 CSA C22.2 No 14 GB 14048.5 EN 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

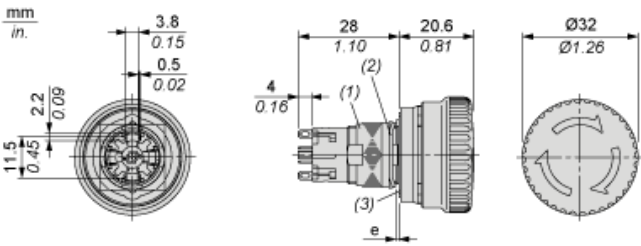
Unit Type of Package 1	PCE
Number of Units in Package 1	1
Package 1 Height	6.6 cm
Package 1 Width	4.3 cm
Package 1 Length	4.3 cm
Package 1 Weight	27.2 g
Unit Type of Package 2	BAG
Number of Units in Package 2	5
Package 2 Height	4 cm
Package 2 Width	11 cm
Package 2 Length	20 cm
Package 2 Weight	116 g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

Offer Sustainability

Sustainable offer status	Green Premium product
REACH Regulation	REACH Declaration
REACH free of SVHC	Yes
EU RoHS Directive	Pro-active compliance (Product out of EU RoHS legal scope) EU RoHS Declaration
Toxic heavy metal free	Yes
Mercury free	Yes
China RoHS Regulation	China RoHS declaration

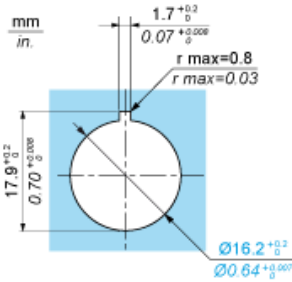
RoHS exemption information	Yes
Environmental Disclosure	Product Environmental Profile
Circularity Profile	End of Life Information
WEEE	The product must be disposed on European Union markets following specific waste collection and never end up in rubbish bins
California proposition 65	WARNING: This product 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

Emergency Stop Pushbutton

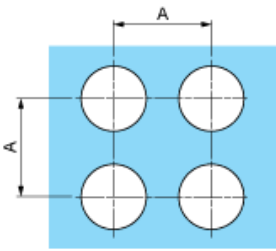


- e : panel thickness 0.5 to 6 mm / 0.01 to 0.23 in.
- (1) Nut
- (2) Anti-rotation plate (thickness: 0.6 mm / 0.02 in.)
- (3) Seal (thickness: 0.5 mm / 0.01 in.)

Panel Cut-out



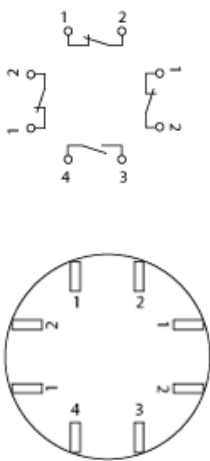
Minimum Clearance for Emergency Stop Pushbutton



A : 41 mm / 1.61

Wiring Diagram

Emergency Stop Pushbutton Switches



Terminals 1-2 contact terminals
Terminals 3-4 contact terminals

Recommended replacement(s)