

# XB6ETN521P

Complete non illuminated mushroom head push button, Harmony XB6E, Ø 16 mm  
Emergency stop, Ø 32 mm 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             | 1.26 in (32 mm)                                    |
| Shape of signaling unit head  | Round  |
| Type of operator              | Trigger action                                     |
| Reset                         | Pull to release<br>Turn to release                 |
| Operator profile              | Red mushroom Ø 32 mm                               |
| Contacts type and composition | 2 NC   |
| Connections - terminals       | Solder terminal <= 0.75 mm² AWG 19                 |

## Complementary

|   |   |
|---|---|
| Net Weight                                  | 0.04 lb(US) (0.0194 kg)   |
| Marking                                     | CE  |
| Mechanical durability                       | 100000 cycles   |
| Tightening torque                           | 5.31...8.85 lbf.in (0.6...1 N.m)  |
| Short-circuit protection                    | 6 A fuse gG IEC 60269   |
| [Ith] conventional free air thermal current | 5 A   |
| [Ui] rated insulation voltage               | 250 V 3)  |
| Insulation resistance                       | < 100 MOhm  |
| [Uimp] rated impulse withstand voltage      | 2.5 kV  |
| [Ie] rated operational current              | 1.5 A 120 V, AC-12, C300 EN/IEC 60947-5-1<br>0.3 A 120 V, AC-15, C300 EN/IEC 60947-5-1<br>1 A 240 V, AC-12, C300 EN/IEC 60947-5-1<br>0.3 A 240 V, AC-15, C300 EN/IEC 60947-5-1<br>1 A 24 V, DC-12, R300 EN/IEC 60947-5-1<br>0.7 A 24 V, DC-13, R300 EN/IEC 60947-5-1<br>0.2 A 125 V, DC-12, R300 EN/IEC 60947-5-1<br>0.15 A 125 V, DC-13, R300 EN/IEC 60947-5-1 |
| Electrical durability                       | 1000000 Cycles<br>50000 cycles, DC-13   |

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## Environment

|                                       |   |
|---------------------------------------|---|
| Ambient Air Temperature for Storage   | -40...158 °F (-40...70 °C)  |
| Ambient air temperature for operation | 14...131 °F (-10...55 °C)   |
| IP degree of protection               | IP65 IEC 60529  |
| Standards                             | EN 60947-5-5<br>UL 508<br>JIS C8201-5-1<br>CSA C22.2 No 14<br>GB 14048.5<br>EN 60947-5-1<br>JIS C8201-1 |
| Product Certifications                | UR<br>CCC<br>TÜV  |
| Vibration resistance                  | +/- 0.7 mm 10...500 Hz)   |
| Shock resistance                      | 500 m/s²mechanical durability   |



## Ordering and shipping details




|                       |                           |
|-----------------------|---------------------------|
| Category              | 22459 - PUSHBUTTONS, 16MM |
| Discount Schedule     | CS2                       |
| GTIN                  | 3606480597664             |
| Nbr. of units in pkg. | 1                         |
| Package weight(Lbs)   | 0.96 oz (27.2 g)          |
| Returnability         | Yes                       |
| Country of origin     | CN                        |

## Packing Units

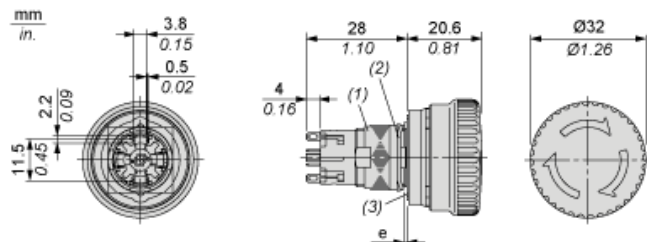
|                              |                  |
|------------------------------|------------------|
| Unit Type of Package 1       | PCE              |
| Package 1 Height             | 2.60 in (6.6 cm) |
| Package 1 width              | 1.69 in (4.3 cm) |
| Package 1 Length             | 1.69 in (4.3 cm) |
| Unit Type of Package 2       | BAG              |
| Number of Units in Package 2 | 5                |
| Package 2 Weight             | 4.09 oz (116 g)  |
| Package 2 Height             | 1.57 in (4 cm)   |
| Package 2 width              | 4.33 in (11 cm)  |
| Package 2 Length             | 7.87 in (20 cm)  |
| Unit Type of Package 3       | S01              |
| Number of Units in Package 3 | 30               |
| Package 3 Weight             | 32.73 oz (928 g) |
| Package 3 Height             | 5.91 in (15 cm)  |
| Package 3 width              | 5.91 in (15 cm)  |
| Package 3 Length             | 15.75 in (40 cm) |

## Offer Sustainability

|                           |  |
|---------------------------|--|
| Sustainable offer status  | Green Premium product  |
| 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 <a href="http://www.P65Warnings.ca.gov">www.P65Warnings.ca.gov</a> |
| 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  |

|                            |   |
|----------------------------|---|
| RoHS exemption information | <a href="#"> Yes</a>                            |
| China RoHS Regulation      | <a href="#"> China RoHS Declaration</a>        |
| Environmental Disclosure   | <a href="#"> Product Environmental Profile</a> |
| Circularity Profile        | <a href="#"> End Of Life Information</a>       |
| WEEE                       | The product must be disposed on European Union markets following specific waste collection and never end up in rubbish bins.    |

### Emergency Stop Pushbutton



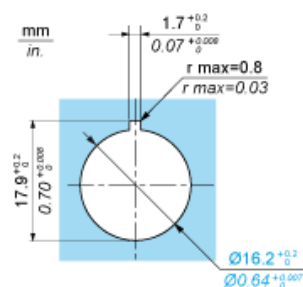
e : panel thickness 0.5 to 6 mm / 0.01 to 0.23 in.

(1) Nut

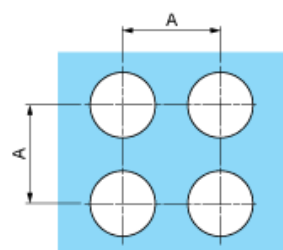
(2) Anti-rotation plate (thickness: 0.6 mm / 0.02 in.)

(3) Seal (thickness: 0.5 mm / 0.01 in.)

## Panel Cut-out



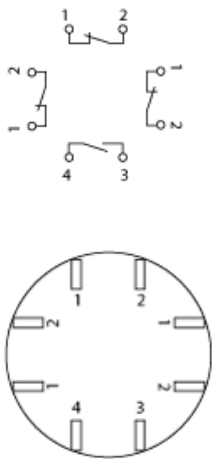
## Minimum Clearance for Emergency Stop Pushbutton



A : 41 mm / 1.61

Wiring Diagram

Emergency Stop Pushbutton Switches



Terminals  
1-2 :  
Terminals  
3-4 :

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