

# XB5AS84449

Harmony XB5, Emergency stop , plastic, red mushroom Ø40, Ø22, trigger latching turn to release, monitoring contact, 1 NO + 2 NC



## Main

|                               |                                                                                                                                         |
|-------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------|
| Range of Product              | Harmony XB5                                                                                                                             |
| Product or Component Type     | Emergency stop push-button                                                                                                              |
| Device short name             | XB5                                                                                                                                     |
| Bezel material                | Plastic                                                                                                                                 |
| Fixing collar material        | Plastic                                                                                                                                 |
| Head type                     | Standard                                                                                                                                |
| Mounting diameter             | 0.87 in (22 mm)                                                                                                                         |
| Sale per indivisible quantity | 1                                                                                                                                       |
| Shape of signaling unit head  | Round                                                                                                                                   |
| Type of operator              | Trigger action and mechanical latching with mechanical state indicator                                                                  |
| Reset                         | Push-pull<br>Turn to release                                                                                                            |
| Operator profile              | Red mushroom Ø 40 mm, unmarked                                                                                                          |
| Contact operation             | Slow-break                                                                                                                              |
| Connections - terminals       | Screw clamp terminals, <= 1.25 mm² with cable end EN/IEC 60947-1<br>Screw clamp terminals, <= 1.25 mm² without cable end EN/IEC 60947-1 |
| Device presentation           | Complete product                                                                                                                        |

## Complementary

|                                             |                                                               |
|---------------------------------------------|---------------------------------------------------------------|
| Height                                      | 1.65 in (42 mm)                                               |
| Width                                       | 1.65 in (42 mm)                                               |
| Depth                                       | 3.13 in (79.5 mm)                                             |
| Terminals description ISO n°1               | (13-14)NO<br>(21-22)NC<br>(11-12)NC                           |
| Net Weight                                  | 0.20 lb(US) (0.0905 kg)                                       |
| Contacts usage                              | Monitoring contact                                            |
| Positive opening                            | With EN/IEC 60947-5-1 appendix K                              |
| Mechanical durability                       | 100000 cycles                                                 |
| Tightening torque                           | 7.08...13.28 lbf.in (0.8...1.5 N.m) EN/IEC 60947-1            |
| Shape of screw head                         | Slotted flat Ø 5.5 mm<br>Cross JIS No 2<br>Cross Philips No 2 |
| Contacts material                           | Silver alloy - gold plated (Ag/Cu)                            |
| Short-circuit protection                    | 10 A cartridge fuse gG EN/IEC 60947-5                         |
| [Ith] conventional free air thermal current | 5 A EN/IEC 60947-5-1                                          |
| [Ui] rated insulation voltage               | 250 V 2) IEC 61140                                            |
| [Uimp] rated impulse withstand voltage      | 2.5 kV EN/IEC 60947-1                                         |

|                                             |                                                                                                                                                                                                                                                                                                                             |
|---------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| [I <sub>e</sub> ] rated operational current | 1.5 A 240 V, AC-15, B300 EN/IEC 60947-5-1<br>3 A 120 V, AC-15, B300 EN/IEC 60947-5-1<br>0.1 A 250 V, DC-13, R300 EN/IEC 60947-5-1<br>0.22 A 125 V, DC-13, R300 EN/IEC 60947-5-1                                                                                                                                             |
| Electrical durability                       | 100000 Cycles, AC-15, 1.5 A 240 V 1800 cyc/h 0.4 EN/IEC 60947-5-1 appendix C<br>100000 Cycles, AC-15, 3 A 120 V 1800 cyc/h 0.4 EN/IEC 60947-5-1 appendix C<br>100000 Cycles, DC-13, 0.1 A 250 V 1800 cyc/h 0.4 EN/IEC 60947-5-1 appendix C<br>100000 cycles, DC-13, 0.22 A 125 V 1800 cyc/h 0.4 EN/IEC 60947-5-1 appendix C |

## Environment

|                                       |                                                                                                                                                       |
|---------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------|
| Ambient Air Temperature for Storage   | -40...176 °F (-40...80 °C)                                                                                                                            |
| Ambient air temperature for operation | -4...140 °F (-20...60 °C)                                                                                                                             |
| Overvoltage category                  | Class II IEC 61140                                                                                                                                    |
| IP degree of protection               | IP65 IEC 60529 front face)<br>IP2x back face)                                                                                                         |
| Standards                             | EN/IEC 60947-5-1<br>CSA C22.2 No 14<br>UL 508<br>JIS C8201-5-1<br>EN/IEC 60947-5-5<br>EN/IEC 60204-1<br>EN/IEC 60947-1<br>EN/ISO 13850<br>JIS C8201-1 |
| Product Certifications                | CSA<br>UL Listed                                                                                                                                      |
| Vibration resistance                  | 50 m/s <sup>2</sup> 10...500 Hz)IEC 60068-2-6                                                                                                         |
| Shock resistance                      | 150 m/s <sup>2</sup> 11 ms) half sine wave acceleration IEC 60068-2-27                                                                                |

## Ordering and shipping details

|                       |                                                    |
|-----------------------|----------------------------------------------------|
| Category              | 22000 - Temporary Category for ITS Price Promotion |
| Discount Schedule     | I                                                  |
| GTIN                  | 3606481205445                                      |
| Nbr. of units in pkg. | 1                                                  |
| Package weight(Lbs)   | 5.29 oz (150 g)                                    |
| Returnability         | No                                                 |

## Packing Units

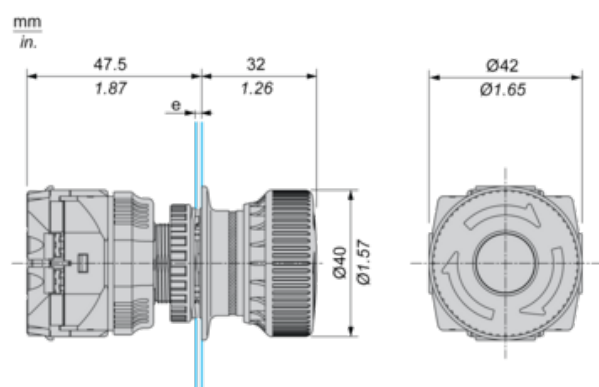
|                              |                       |
|------------------------------|-----------------------|
| Unit Type of Package 1       | PCE                   |
| Package 1 Height             | 1.85 in (4.699 cm)    |
| Package 1 width              | 3.23 in (8.204 cm)    |
| Package 1 Length             | 3.54 in (8.999 cm)    |
| Unit Type of Package 2       | S01                   |
| Number of Units in Package 2 | 12                    |
| Package 2 Weight             | 3.86 lb(US) (1.75 kg) |
| Package 2 Height             | 5.91 in (15 cm)       |
| Package 2 width              | 5.91 in (15 cm)       |
| Package 2 Length             | 15.75 in (40 cm)      |

## Offer Sustainability

|                          |                                                                                                                                                                                      |
|--------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Sustainable offer status | Green Premium product                                                                                                                                                                |
| 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. |

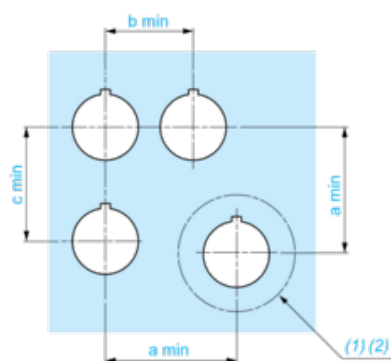
## Dimensions



(e) Clamping thickness: 1 mm to 6 mm / 0.03 in to 0.24 in

## Panel Cut-out for Emergency Stop Push Button (Finished Holes, Ready for Installation)

### Connection by Screw Clamp Terminals

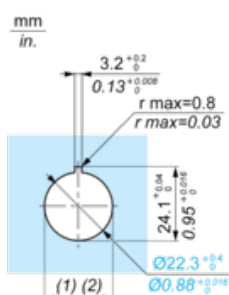


(1) Diameter on finished panel or support

(2) Ø42 mm recommended / Ø1.65 in. recommended (Head diameter)

| Connections        | a in mm | a in in. | b in mm | b in in. | c in mm | c in in. |
|--------------------|---------|----------|---------|----------|---------|----------|
| By screw terminals | 45      | 1.77     | 30      | 1.18     | 40      | 1.57     |

### Connection by Screw Clamp Terminals



(1) Diameter on finished panel or support

(2) Ø22.5 mm recommended (Ø22.3 0+0.4) / Ø0.89 in. recommended (Ø0.88 in. 0+0.016)

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