



## Main

|                               |  |
|-------------------------------|--|
| Range of Product              | Harmony XB7  |
| Product or Component Type     | Emergency stop push-button   |
| Device short name             | XB7  |
| Mounting diameter             | 0.87 in (22 mm)  |
| Sale per indivisible quantity | 10   |
| Shape of signaling unit head  | Round  |
| Type of operator              | latching   |
| Reset                         | Push-pull  |
| Operator profile              | Red mushroom Ø 40 mm, unmarked   |
| Contacts type and composition | 1 NC   |
| Connections - terminals       | Screw clamp terminals, $\leq 2 \times 1.5 \text{ mm}^2$ with cable end EN/IEC 60947-1<br>Screw clamp terminals, $1 \times 0.34 \dots 2 \times 2.5 \text{ mm}^2$ without cable end EN/IEC 60947-1 |
| Device presentation           | Monolithic product   |

## Complementary

|  |  |
|--|--|
| CAD overall width                      | 1.57 in (40 mm)  |
| CAD overall height                     | 1.57 in (40 mm)  |
| CAD overall depth                      | 2.83 in (72 mm)  |
| Terminals description ISO n°1          | (11-12)NC  |
| Net Weight                             | 0.08 lb(US) (0.035 kg)   |
| Device mounting                        | Fixing hole 0.89 in (22.5 mm) 22.3 +0.4/0 EN/IEC 60947-1   |
| Fixing center                          | $\geq 30 \times 40 \text{ mm}$ support panel) metal 0.04...0.24 in (1...6 mm)<br>$\geq 30 \times 40 \text{ mm}$ support panel) plastic 0.08...0.24 in (2...6 mm)                   |
| Fixing mode                            | Fixing nut beneath head 17.70...21.24 lbf.in (2...2.4 N.m)   |
| Contact operation                      | Snap action  |
| Contacts usage                         | Standard   |
| Positive opening                       | With EN/IEC 60947-5-1 appendix K   |
| Mechanical durability                  | 100000 cycles  |
| Tightening torque                      | 7.08...10.62 lbf.in (0.8...1.2 N.m) EN 60947-1   |
| Shape of screw head                    | Cross JIS No 1<br>Cross Philips no 1<br>Cross pozidriv No 1<br>Slotted flat Ø 4 mm<br>Slotted flat Ø 5.5 mm  |
| Short-circuit protection               | 4 A cartridge fuse gG EN/IEC 60947-5-1   |
| [Ui] rated insulation voltage          | 250 V 3)EN/IEC 60947-1   |
| [Uimp] rated impulse withstand voltage | 4 kV EN/IEC 60947-1  |
| [Ie] rated operational current         | 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<br>0.75 A 240 V, AC-15, C300 EN/IEC 60947-5-1<br>1.5 A 120 V, AC-15, C300 EN/IEC 60947-5-1 |

|                        |   |
|------------------------|---|
| Electrical durability  | 1000000 Cycles, DC-13, 0.3 A 24 V 216000 cyc/mn 0.5 EN/IEC 60947-5-1 appendix C<br>1000000 Cycles, AC-15, 0.03 A 230 V 216000 cyc/mn 0.5 EN/IEC 60947-5-1 appendix C<br>1000000 cycles, AC-15, 0.09 A 240 V 108000 cyc/mn 0.5 EN/IEC 60947-5-1 appendix C |
| Electrical reliability | $\Lambda < 5 \times 10^{\exp(-7)}$ 17 V 5 mA IEC 60947-5-4  |

## Environment

|                                       |   |
|---------------------------------------|---|
| Protective treatment                  | TH  |
| Ambient Air Temperature for Storage   | -40...158 °F (-40...70 °C)  |
| Ambient Air Temperature for Operation | -13...158 °F (-25...70 °C)  |
| Electrical shock protection class     | Class II IEC 60536  |
| IP degree of protection               | IP20 IEC 60529 rear face)<br>IP65 IEC 60529 front face)   |
| NEMA degree of protection             | NEMA 12 UL 50<br>NEMA 3 UL 50   |
| Standards                             | UL 508<br>EN/IEC 60947-1<br>EN/IEC 60947-5-5<br>CSA C22.2 No 14<br>EN/IEC 60204-1<br>EN/ISO 13850<br>EN/IEC 60947-5-1<br>IEC 60364-5-53 |
| Product Certifications                | CCC<br>GOST   |
| Vibration resistance                  | 5 gn 2...500 Hz)IEC 60068-2-6   |
| Shock resistance                      | 15 gn 11 ms) half sine wave acceleration IEC 60068-2-27   |

## Ordering and shipping details

|                       |                             |
|-----------------------|-----------------------------|
| Category              | 22464-PUSHBUTTONS, XB7-22MM |
| Discount Schedule     | CS2                         |
| GTIN                  | 3606480465611               |
| Nbr. of units in pkg. | 1                           |
| Package weight(Lbs)   | 1.48 oz (42.0 g)            |
| Returnability         | No                          |
| Country of origin     | ID                          |

## Packing Units

|                              |                        |
|------------------------------|------------------------|
| Unit Type of Package 1       | PCE                    |
| Package 1 Height             | 2.76 in (7 cm)         |
| Package 1 width              | 6.10 in (15.5 cm)      |
| Package 1 Length             | 6.89 in (17.5 cm)      |
| Unit Type of Package 2       | BAG                    |
| Number of Units in Package 2 | 10                     |
| Package 2 Weight             | 14.89 oz (422.0 g)     |
| Package 2 Height             | 6.30 in (16 cm)        |
| Package 2 width              | 2.76 in (7 cm)         |
| Package 2 Length             | 7.09 in (18 cm)        |
| Unit Type of Package 3       | S01                    |
| Number of Units in Package 3 | 50                     |
| Package 3 Weight             | 5.39 lb(US) (2.443 kg) |
| Package 3 Height             | 5.91 in (15 cm)        |
| Package 3 width              | 5.91 in (15 cm)        |
| Package 3 Length             | 15.75 in (40 cm)       |

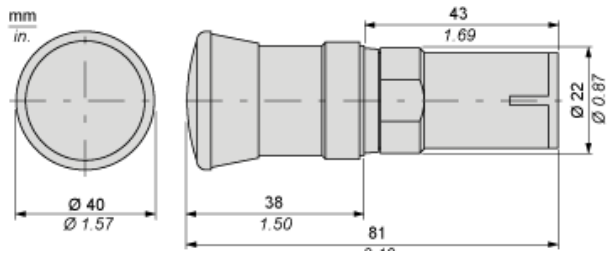
## Offer Sustainability

|                            |   |
|----------------------------|---|
| Sustainable offer status   | Green Premium product   |
| California proposition 65  | WARNING: This product can expose you to chemicals including: 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.  |

## Contractual warranty

|          |           |
|----------|-----------|
| Warranty | 18 months |
|----------|-----------|

Non-illuminated Pushbutton

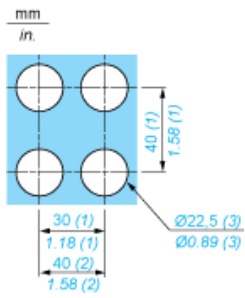


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## Mounting

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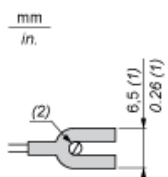
### Diameter of Finished Fixing Holes



- (1) Minimum value.
- (2) 40 mm/1.58 in. for Emergency switching off pushbutton only.
- (3) Standard value:  $\varnothing 22.3$  (0; + 0.4) mm/ $\varnothing 0.88$  (0; + 0.02) in.

### “U” Type Tag Connection

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- (1) 6.5 mm/0.26 in. recommended, 7 mm/0.28 in. max.
- (2) M3 screw clamp terminal.

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Wiring

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