



## Main

|                           |                  |
|---------------------------|------------------|
| Range of product          | Harmony XB5      |
| Product or component type | Potentiometer    |
| Device short name         | XB5              |
| Head type                 | Standard         |
| Device presentation       | Complete product |

## Complementary

|                                           |                                                                                                                    |
|-------------------------------------------|--------------------------------------------------------------------------------------------------------------------|
| Bezel material                            | Dark grey plastic                                                                                                  |
| Mounting diameter                         | 0.87 in (22 mm)                                                                                                    |
| Product compatibility                     | Ø 6 mm shaft                                                                                                       |
| Sale per indivisible quantity             | 1                                                                                                                  |
| CAD overall width                         | 1.18 in (30 mm)                                                                                                    |
| CAD overall height                        | 1.65 in (42 mm)                                                                                                    |
| CAD overall depth                         | 3.23 in (82 mm)                                                                                                    |
| Net Weight                                | 0.11 lb(US) (0.048 kg)                                                                                             |
| Protective treatment                      | TH                                                                                                                 |
| Ambient air temperature for storage       | -40...158 °F (-40...70 °C)                                                                                         |
| Ambient air temperature for operation     | -40...158 °F (-40...70 °C)                                                                                         |
| Electrical shock protection class         | Class II IEC 60536                                                                                                 |
| IP degree of protection                   | IP66 IEC 60529                                                                                                     |
| NEMA degree of protection                 | NEMA 13<br>NEMA 4X                                                                                                 |
| Resistance to high pressure washer        | 1015.26 psi (7000000 Pa) 131 °F (55 °C) 0.1 m                                                                      |
| IK degree of protection                   | IK03 IEC 50102                                                                                                     |
| Standards                                 | EN/IEC 60947-1<br>UL 508<br>CSA C22.2 No 14                                                                        |
| Product certifications                    | CSA<br>BV<br>UL Listed                                                                                             |
| Shape of signaling unit head              | Round                                                                                                              |
| Operator profile                          | Knurled knob, with white)                                                                                          |
| [Us] rated supply voltage                 | <= 30 V AC<br><= 42 V DC                                                                                           |
| Rated power in W                          | 1 W 158 °F (70 °C)                                                                                                 |
| Precision of internal conversion resistor | +/-10%                                                                                                             |
| Potentiometer characteristic              | Linear                                                                                                             |
| Mechanical durability                     | 50000 cycles                                                                                                       |
| Ohmic value                               | 100000 Ohm                                                                                                         |
| Material                                  | Cermet                                                                                                             |
| Vibration resistance                      | 5 gn 2...500 Hz)IEC 60068-2-6                                                                                      |
| Shock resistance                          | 30 gn 18 ms) half sine wave acceleration IEC 60068-2-27<br>50 gn 11 ms) half sine wave acceleration IEC 60068-2-27 |
| Main group                                | Potentiometer                                                                                                      |

|                   |                            |
|-------------------|----------------------------|
| Group of product  | Potentiometer knurled knob |
| Colour of marking | White                      |

## Ordering and shipping details

|                       |                                     |
|-----------------------|-------------------------------------|
| Category              | 22468 - PUSHBUTTONS,22MM(METAL) NEW |
| Discount Schedule     | CS2                                 |
| GTIN                  | 00785901534983                      |
| Nbr. of units in pkg. | 1                                   |
| Package weight(Lbs)   | 0.14 lb(US) (0.06 kg)               |
| Returnability         | Yes                                 |
| Country of origin     | FR                                  |

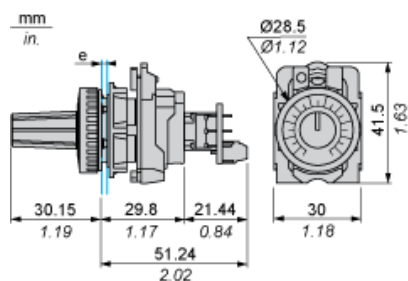
## Packing Units

|                              |                        |
|------------------------------|------------------------|
| Unit Type of Package 1       | PCE                    |
| Package 1 Height             | 1.69 in (4.3 cm)       |
| Package 1 width              | 2.09 in (5.3 cm)       |
| Package 1 Length             | 3.46 in (8.8 cm)       |
| Unit Type of Package 2       | S02                    |
| Number of Units in Package 2 | 40                     |
| Package 2 Weight             | 5.95 lb(US) (2.701 kg) |
| Package 2 Height             | 5.91 in (15 cm)        |
| Package 2 width              | 11.81 in (30 cm)       |
| Package 2 Length             | 15.75 in (40 cm)       |

## Offer Sustainability

|                            |                                                                                                                              |
|----------------------------|------------------------------------------------------------------------------------------------------------------------------|
| Sustainable offer status   | Green Premium product                                                                                                        |
| EU RoHS Directive          | Pro-active compliance (Product out of EU RoHS legal scope) <a href="#">EU RoHS Declaration</a>                               |
| 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. |

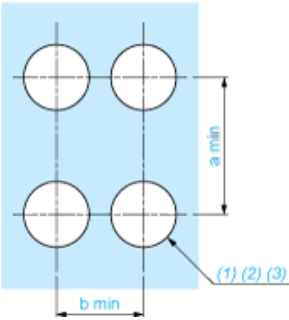
## Dimensions



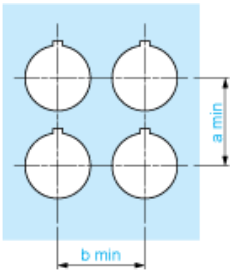
e: Panel thickness: 1 mm to 6 mm / 0.03 in. to 0.24 in.

Panel Cut-out for Pushbuttons, Switches and Pilot Lights (Finished Holes, Ready for Installation)

Connection by Screw Terminals or Plug-in Connectors

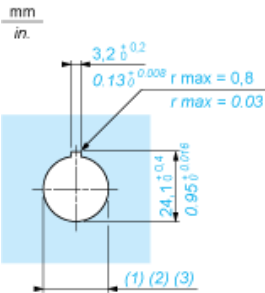


Connection by Faston Connectors



| Connections                                   | a in mm | a in in. | b in mm | b in in. |
|-----------------------------------------------|---------|----------|---------|----------|
| By screw clamp terminals or plug-in connector | 40      | 1.57     | 30      | 1.18     |
| By Faston connectors                          | 45      | 1.77     | 32      | 1.26     |

Detail of Lug Recess



- (1) Diameter on finished panel or support
- (2) For selector switches and Emergency stop buttons, use of an anti-rotation plate type ZB5AZ902 is recommended.
- (3) Ø22.5 mm recommended (Ø22.3 mm  $+0.4$ ) / Ø0.89 in. recommended (Ø0.88 in.  $+0.016$ )