

## Main

|                           |                  |
|---------------------------|------------------|
| Range of product          | Harmony XB4      |
| Product or component type | Potentiometer    |
| Device short name         | XB4              |
| Head type                 | Standard         |
| Device presentation       | Complete product |

## Complementary

|                                           |                                                                                               |
|-------------------------------------------|-----------------------------------------------------------------------------------------------|
| Bezel material                            | Chromium plated metal                                                                         |
| Mounting diameter                         | 22 mm                                                                                         |
| Product compatibility                     | Ø 6 mm shaft                                                                                  |
| Sale per indivisible quantity             | 1                                                                                             |
| CAD overall width                         | 30 mm                                                                                         |
| CAD overall height                        | 47 mm                                                                                         |
| CAD overall depth                         | 82 mm                                                                                         |
| Net weight                                | 0.095 kg                                                                                      |
| Protective treatment                      | TH                                                                                            |
| Ambient air temperature for storage       | -40...70 °C                                                                                   |
| Ambient air temperature for operation     | -40...70 °C                                                                                   |
| Electrical shock protection class         | Class II conforming to IEC 60536                                                              |
| IP degree of protection                   | IP66 conforming to IEC 60529<br>IP69 conforming to IEC 60529<br>IP69K conforming to IEC 60529 |
| NEMA degree of protection                 | NEMA 13<br>NEMA 4X                                                                            |
| Resistance to high pressure washer        | 7000000 Pa at 55 °C, distance : 0.1 m                                                         |
| IK degree of protection                   | IK06 conforming to IEC 50102                                                                  |
| Standards                                 | CSA C22.2 No 14<br>EN/IEC 60947-1<br>UL 508                                                   |
| Product certifications                    | CSA<br>UL listed<br>BV                                                                        |
| 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 at 70 °C                                                                                  |
| Precision of internal conversion resistor | +/-10%                                                                                        |
| Potentiometer characteristic              | Linear                                                                                        |
| Mechanical durability                     | 50000 cycles                                                                                  |
| Ohmic value                               | 4700 Ohm                                                                                      |
| Material                                  | Cermet                                                                                        |
| Vibration resistance                      | 5 gn (f= 2...500 Hz) conforming to IEC 60068-2-6                                              |

|                   |                                                                                                                                                                                |
|-------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Shock resistance  | 30 gn (duration = 18 ms) for half sine wave acceleration conforming to IEC 60068-2-27<br>50 gn (duration = 11 ms) for half sine wave acceleration conforming to IEC 60068-2-27 |
| Main group        | Potentiometer                                                                                                                                                                  |
| Group of product  | Potentiometer knurled knob                                                                                                                                                     |
| Colour of marking | White                                                                                                                                                                          |

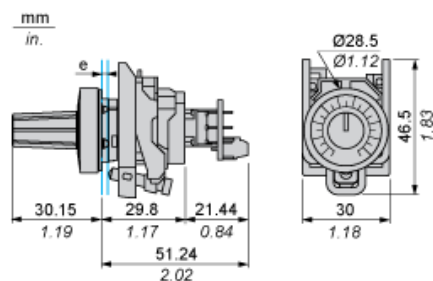
## Packing Units

|                              |        |
|------------------------------|--------|
| Unit Type of Package 1       | PCE    |
| Number of Units in Package 1 | 1      |
| Package 1 Weight             | 106 g  |
| Package 1 Height             | 8.8 cm |
| Package 1 width              | 4.6 cm |
| Package 1 Length             | 5.4 cm |

## Offer Sustainability

|                            |                                                                                                                             |
|----------------------------|-----------------------------------------------------------------------------------------------------------------------------|
| Sustainable offer status   | Green Premium product                                                                                                       |
| REACH Regulation           | <a href="#">REACH Declaration</a>                                                                                           |
| 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 |

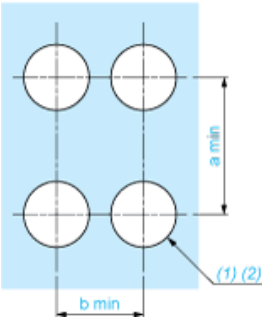
## Dimensions



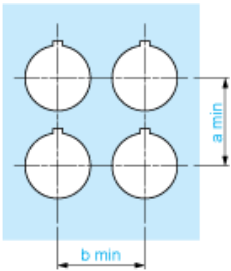
e: Panel thickness: 1 mm to 6 mm / 0.03 in. to 0.24 in

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

Connection by Screw Terminals or Plug-in Connectors

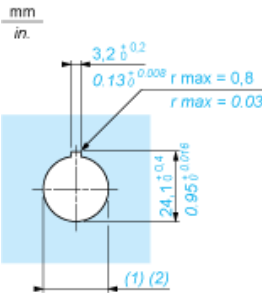


Connection by Faston Connectors



| 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) Ø22.5 mm recommended (Ø22.3<sub>0</sub><sup>+0.4</sup>) / Ø0.89 in. recommended (Ø0.88 in.<sub>0</sub><sup>+0.016</sup>)