



### Main

|                           |                        |
|---------------------------|------------------------|
| Range of product          | Harmony XB4            |
| Product or component type | Complete potentiometer |
| Device short name         | XB4                    |

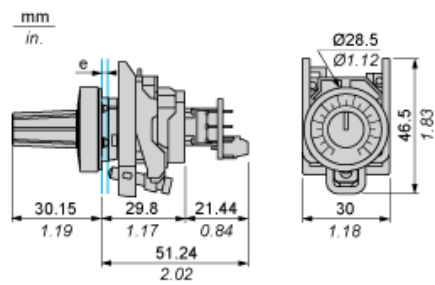
### Complementary

|  |   |
|--|---|
| 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   |
| Product weight                             | 0.095 kg  |
| Protective treatment                       | TH  |
| Ambient air temperature for storage        | -40...70 °C   |
| Ambient air temperature for operation      | -40...70 °C   |
| Class of protection against electric shock | Class II IEC 60536                                  |
| IP degree of protection                    | IP69K IEC 60529<br>IP69 IEC 60529<br>IP66 IEC 60529 |
| NEMA degree of protection                  | NEMA 13<br>NEMA 4X                                  |
| Resistance to high pressure washer         | 7000000 Pa 55 °C 0.1 m                              |
| IK degree of protection                    | IK06 IEC 50102                                      |
| Standards                                  | UL 508<br>CSA C22.2 No 14<br>EN/IEC 60947-1         |
| Product certifications                     | UL listed<br>CSA<br>BV                              |

Disclaimer: This documentation is not intended as a substitute for and is not to be used for determining suitability or reliability of these products for specific user applications

|   |  |
|---|--|
| 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 70 °C  |
| Precision of internal conversion resistor | + -10%   |
| Potentiometer characteristics             | Linear   |
| Mechanical durability                     | 50000 cycles   |
| Ohmic value                               | 1000 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  |
| Compatibility code                        | XB4  |

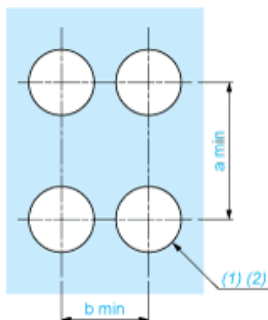
Dimensions



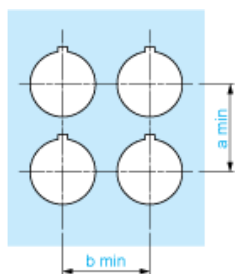
e: Panel thickness: 1 mm to 6 mm / 0.03 in. to 0.24 in

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

Connection by Screw Terminals or Plug-in Connectors

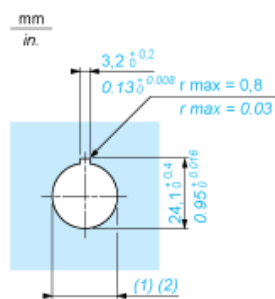


Connection by Faston Connectors



| 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)  $\text{Ø}22.5 \text{ mm}$  recommended ( $\text{Ø}22.3 \text{ mm}^{+0.4}$ ) /  $\text{Ø}0.89 \text{ in.}$  recommended ( $\text{Ø}0.88 \text{ in.}^{+0.016}$ )