

# Product data sheet

## Characteristics

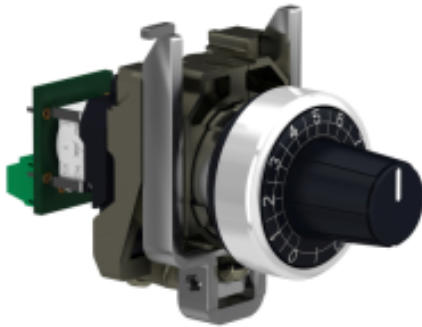
# XB4BD912R47K

Harmony XB4, Complete potentiometer, metal, Ø22, 47K



Product availability: Stock - Normally stocked in distribution facility

Price\*: 52.56 USD



### 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                     | 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                    | 1.85 In (47 mm)   |
| CAD overall depth                     | 3.23 In (82 mm)   |
| Product Weight                        | 0.21 Lb(US) (0.095 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 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    | 1015.26 Psi (7000000 Pa) 131 °F (55 °C) 0.1 m   |
| IK degree of protection               | IK06 IEC 50102  |
| Standards                             | CSA C22.2 No 14<br>UL 508<br>EN/IEC 60947-1   |

|   |  |
|---|--|
| Product Certifications                    | UL Listed<br>CSA<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 158 °F (70 °C)   |
| Precision of internal conversion resistor | +/-10%   |
| Potentiometer characteristic              | Linear   |
| Mechanical durability                     | 50000 Cycles   |
| Ohmic value                               | 47000 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                  | 03606480985027                      |
| Nbr. of units in pkg. | 1                                   |
| Package weight(Lbs)   | 3.74 Oz (106 g)                     |
| Returnability         | Yes                                 |
| Country of origin     | FR                                  |

### Packing Units

|                              |                         |
|------------------------------|-------------------------|
| Unit Type of Package 1       | PCE                     |
| Package 1 Height             | 3.31 In (8.4 cm)        |
| Package 1 width              | 2.05 In (5.2 cm)        |
| Package 1 Length             | 1.65 In (4.2 cm)        |
| Unit Type of Package 2       | S02                     |
| Number of Units in Package 2 | 40                      |
| Package 2 Weight             | 10.08 Lb(US) (4.574 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

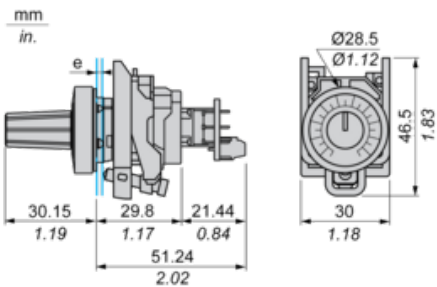
|                            |  |
|----------------------------|--|
| Sustainable offer status   | Green Premium product  |
| California proposition 65  | WARNING: This product can expose you to chemicals including: Nickel compounds, which is known to the State of California to cause cancer, and Di-isodecyl 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>  |
| 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>   |

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|                          |  |
|--------------------------|--|
| 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.   |

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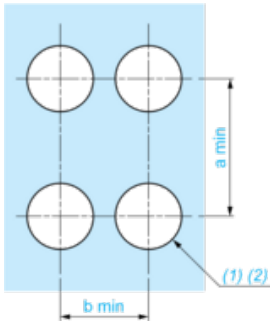
Dimensions



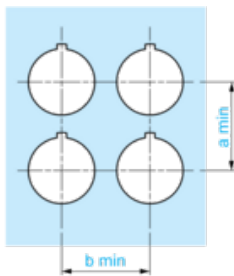
e: Panel thickness: 1 mm to 6 mm / 0.03 in. to 0.24 in

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

Connection by Screw Terminals or Plug-in Connectors

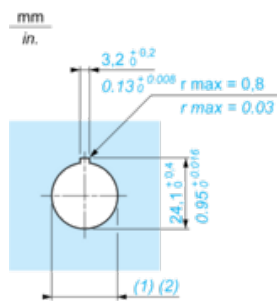


Connection by Faston Connectors



| 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>)

Product Life Status : **Commercialised**