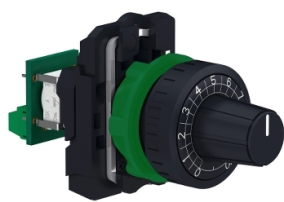


Product data sheet

Specifications



Complete potentiometer, Harmony XB5, plastic, 22mm, 1K

XB5AD912R1K

Product availability: Stock - Normally stocked in distribution facility

Price*: 52.56 USD

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 | 0.9 in (22 mm) |
| Product Compatibility | Ø 6 mm shaft |
| Sale per indivisible quantity | 1 |
| CAD overall width | 1.2 in (30 mm) |
| CAD overall height | 1.7 in (42 mm) |
| CAD overall depth | 3.2 in (82 mm) |
| Net Weight | 0.106 lb(US) (0.048 kg) |
| protective treatment | TH |
| Ambient Air Temperature for Storage | -40.0000000000...158.0000000000 °F (-40...70 °C) |
| Ambient Air Temperature for Operation | -40.0000000000...158.0000000000 °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 NEMA 4X |
| Resistance to high pressure washer | 1015.3 psi (7000000 Pa) 131.0000000000 °F (55 °C) 0.1 m |
| IK degree of protection | IK03 conforming to IEC 50102 |
| Standards | UL 508 CSA C22.2 No 14 EN/IEC 60947-1 |
| Product Certifications | BV UL Listed CSA |
| Shape of signaling unit head | Round |
| Operator profile | knurled knob, with white) |

Price is "List Price" and may be subject to a trade discount – check with your local distributor or retailer for actual price.

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

| | |
|---|--|
| [Us] rated supply voltage | <= 30 V AC <= 42 V DC |
| Rated power in W | 1 W 158.0000000000 °F (70 °C) |
| Precision of internal conversion resistor | +/-10% |
| Potentiometer characteristic | 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 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 | US10CS222468 |
| Discount Schedule | 0CS2 |
| GTIN | 3606480985058 |
| Returnability | Yes |
| Country of origin | US |

Packing Units

| | |
|------------------------------|-------------------------|
| Unit Type of Package 1 | PCE |
| Number of Units in Package 1 | 1 |
| Package 1 Height | 1.7 in (4.2 cm) |
| Package 1 Width | 2.0 in (5.0 cm) |
| Package 1 Length | 3.3 in (8.4 cm) |
| Package 1 Weight | 2.05 oz (58.0 g) |
| Unit Type of Package 2 | S02 |
| Number of Units in Package 2 | 40 |
| Package 2 Height | 5.9 in (15.0 cm) |
| Package 2 Width | 11.8 in (30.0 cm) |
| Package 2 Length | 15.7 in (40.0 cm) |
| Package 2 Weight | 5.922 lb(US) (2.686 kg) |

Sustainability




Green Premium™ label is Schneider Electric's commitment to delivering products with best-in-class environmental performance. Green Premium promises compliance with the latest regulations, transparency on environmental impacts, as well as circular and low-CO₂ products.

Guide to assessing product sustainability is a white paper that clarifies global eco-label standards and how to interpret environmental declarations.

[Learn more about Green Premium >](#)

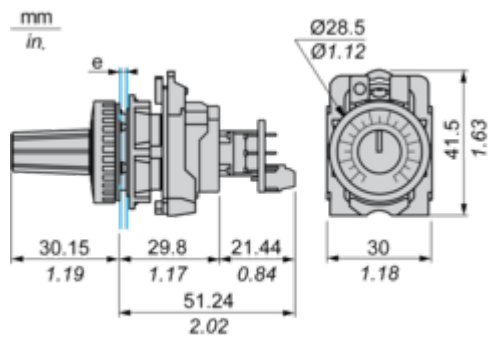
[Guide to assess a product's sustainability >](#)

Well-being performance

| | |
|--|--|
|  Reach Free Of Svhc | |
|  Mercury Free | |
|  Rohs Exemption Information | Yes |
| Reach Regulation | REACH Declaration |
| Eu Rohs Directive | Pro-active compliance (Product out of EU RoHS legal scope) EU RoHS Declaration |
| China Rohs Regulation | China RoHS declaration |
| Weee | The product must be disposed on European Union markets following specific waste collection and never end up in rubbish bins. |
| 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 www.P65Warnings.ca.gov |

Dimensions Drawings

Dimensions

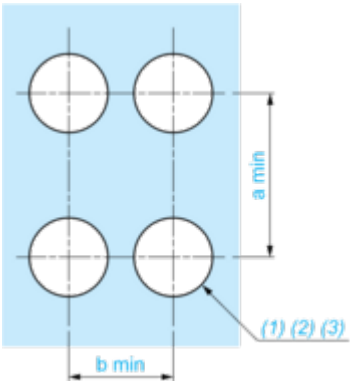


e: Panel thickness: 1 mm to 6 mm / 0.03 in. to 0.24 in.

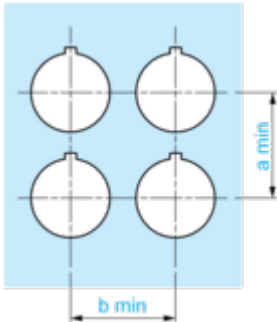
Mounting and Clearance

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

Connection by Screw Terminals or Plug-in Connectors

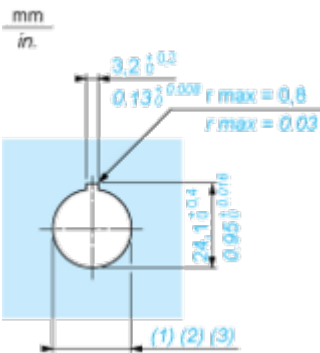


Connection by Faston Connectors



| 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 ($\text{Ø}22.3 \begin{smallmatrix} +0.4 \\ 0 \end{smallmatrix}$) / Ø0.89 in. recommended ($\text{Ø}0.88 \text{ in. } \begin{smallmatrix} +0.016 \\ 0 \end{smallmatrix}$)

