

# Product data sheet

Specifications



Monolithic selector switch, Harmony XB6E, round black, 16mm, 2 positions, projecting handle, stay put, 1CO

XB6EAD221P

Product availability: Stock - Normally stocked in distribution facility

## Main

|                               |                                                                                              |
|-------------------------------|----------------------------------------------------------------------------------------------|
| Range of Product              | Harmony XB6E                                                                                 |
| Product or Component Type     | Monolithic selector switch                                                                   |
| Device short name             | XB6E                                                                                         |
| Bezel material                | Plastic                                                                                      |
| Mounting diameter             | 0.6 in (16 mm)                                                                               |
| Sale per indivisible quantity | 5                                                                                            |
| Shape of signaling unit head  | Round                                                                                        |
| Type of operator              | stay put                                                                                     |
| Operator profile              | Black standard handle                                                                        |
| Operator position information | 2 positions                                                                                  |
| Contacts type and composition | 1 C/O                                                                                        |
| Contact operation             | Snap action                                                                                  |
| Connections - terminals       | Insulated faston 2.8 x 0.5 mm<br>Solder terminal <= 0.75 mm² AWG 19<br>Fast connector socket |
| Contacts material             | Gold-flashed silver                                                                          |

## Complementary

|                                             |                                                                                                                                                                                                                                                                                       |
|---------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Product Weight                              | 0.02 lb(US) (0.01 kg)                                                                                                                                                                                                                                                                 |
| Overvoltage category                        | II conforming to IEC 60536                                                                                                                                                                                                                                                            |
| Marking                                     | CE                                                                                                                                                                                                                                                                                    |
| Mechanical durability                       | 250000 cycles                                                                                                                                                                                                                                                                         |
| Tightening torque                           | 5.3...8.9 lbf.in (0.6...1 N.m)                                                                                                                                                                                                                                                        |
| Contact resistance                          | 50 mOhm 1/6 V                                                                                                                                                                                                                                                                         |
| Short-circuit protection                    | 2 A cartridge fuse gG                                                                                                                                                                                                                                                                 |
| [Ith] conventional free air thermal current | 3 A fast connector socket<br>5 A                                                                                                                                                                                                                                                      |
| [Ie] rated operational current              | 1.5 A 120 V, AC-12 IEC 60947-5-1<br>1 A 240 V, AC-12 IEC 60947-5-1<br>0.7 A 240 V, AC-13 IEC 60947-5-1<br>1 A 120 V, AC-13 IEC 60947-5-1<br>1 A 24 V, DC-12 IEC 60947-5-1<br>0.7 A 24 V, DC-13 IEC 60947-5-1<br>0.2 A 125 V, DC-12 IEC 60947-5-1<br>0.15 A 125 V, DC-13 IEC 60947-5-1 |

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

|                       |                                                         |
|-----------------------|---------------------------------------------------------|
| Electrical durability | 100000 cycles, AC, 0.7 A 220 V IEC 60947-5-1 appendix C |
|-----------------------|---------------------------------------------------------|

## Environment

|                                       |                                                                                                        |
|---------------------------------------|--------------------------------------------------------------------------------------------------------|
| Ambient Air Temperature for Storage   | -40...158 °F (-40...70 °C)                                                                             |
| Ambient Air Temperature for Operation | 14...131 °F (-10...55 °C)                                                                              |
| IP degree of protection               | IP65 IEC 60529                                                                                         |
| Standards                             | IEC 60947-5-1<br>CSA C22.2 No 14<br>IEC 60947-1<br>JIS C8201-5-1<br>UL 508<br>JIS C 852<br>JIS C8201-1 |
| Product Certifications                | CCC<br>cURus                                                                                           |
| Vibration resistance                  | 1 mm (f= 10...55 Hz) conforming to IEC 60068-2-6                                                       |
| Shock resistance                      | 10 gn 11 ms) half sine wave acceleration IEC 60068-2-27                                                |

## Ordering and shipping details

|                   |               |
|-------------------|---------------|
| Category          | US10CS222459  |
| Discount Schedule | 0CS2          |
| GTIN              | 3389110640021 |
| Returnability     | Yes           |
| Country of origin | CN            |

## Packing Units

|                              |                       |
|------------------------------|-----------------------|
| Unit Type of Package 1       | PCE                   |
| Nbr. of units in pkg.        | 1                     |
| Package 1 Height             | 1.181 in (3.000 cm)   |
| Package 1 Width              | 3.740 in (9.500 cm)   |
| Package 1 Length             | 2.626 in (6.670 cm)   |
| Package weight(Lbs)          | 0.388 oz (11.000 g)   |
| Unit Type of Package 2       | BB1                   |
| Number of Units in Package 2 | 5                     |
| Package 2 Height             | 1.181 in (3.000 cm)   |
| Package 2 Width              | 3.740 in (9.500 cm)   |
| Package 2 Length             | 7.874 in (20.000 cm)  |
| Package 2 Weight             | 2.152 oz (61.000 g)   |
| Unit Type of Package 3       | S01                   |
| Number of Units in Package 3 | 50                    |
| Package 3 Height             | 5.906 in (15.000 cm)  |
| Package 3 Width              | 5.906 in (15.000 cm)  |
| Package 3 Length             | 15.748 in (40.000 cm) |
| Package 3 Weight             | 30.758 oz (872.000 g) |

# Contractual warranty

|                      |    |
|----------------------|----|
| Warranty (in months) | 18 |
|----------------------|----|



## Environmental Data

Schneider Electric aims to achieve Net Zero status by 2050 through supply chain partnerships, lower impact materials, and circularity via our ongoing “Use Better, Use Longer, Use Again” campaign to extend product lifetimes and recyclability.

[Environmental Data explained >](#)

[How we assess product sustainability >](#)



### Environmental footprint

|                                                        |                                               |
|--------------------------------------------------------|-----------------------------------------------|
| Total lifecycle Carbon footprint                       | 0.3 kg CO2 eq.                                |
| Carbon footprint of the manufacturing phase [A1 to A3] | 0.2 kg CO2 eq.                                |
| Carbon footprint of the distribution phase [A4]        | 0 kg CO2 eq.                                  |
| Carbon footprint of the installation phase [A5]        | 0 kg CO2 eq.                                  |
| Carbon footprint of the use phase [B2, B3, B4, B6]     | 0 kg CO2 eq.                                  |
| Carbon footprint of the end-of-life phase [C1 to C4]   | 0 kg CO2 eq.                                  |
| Environmental Disclosure                               | <a href="#">Product Environmental Profile</a> |

## Use Better



### Materials and Substances

|                                        |                                                                                                                                                                                                                                                                                                                                                                               |
|----------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Packaging made with recycled cardboard | Yes                                                                                                                                                                                                                                                                                                                                                                           |
| Packaging without single use plastic   | No                                                                                                                                                                                                                                                                                                                                                                            |
| EU RoHS Directive                      | <a href="#">Compliant</a>                                                                                                                                                                                                                                                                                                                                                     |
| REACH Regulation                       | <a href="#">Free of Substances of Very High Concern above the threshold</a>                                                                                                                                                                                                                                                                                                   |
| California proposition 65              | <b>WARNING:</b> 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> |

## Use Longer



### Lifetime extension

|        |    |
|--------|----|
| Repair | No |
|--------|----|

## Use Again



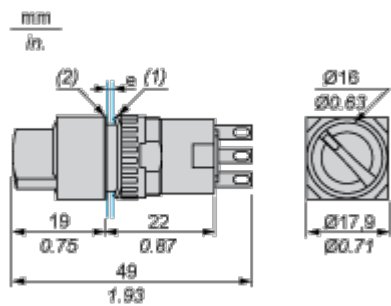
### Repack and remanufacture

|                               |                                                                                                                                                                                                                  |
|-------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Recyclability potential, in % | 17                                                                                                                                                                                                               |
| Circularity Profile           | <a href="#">End of Life Information</a>                                                                                                                                                                          |
| Take-back                     | No                                                                                                                                                                                                               |
| WEEE Label                    |  The product must be disposed on European Union markets following specific waste collection and never end up in rubbish bins. |

Dimensions Drawings

Selector Switch with Standard Handle

Circular Head



- (1) Anti-rotation plate (thickness: 0.6 mm / 0.02 in.)
- (2) Seal (thickness: 0.5 mm / 0.01 in.)
- e panel thickness: 0.5 mm (0.01 in.) ≤ e ≤ 6 mm (0.24 in.)

Mounting and Clearance

Panel Cut-Out and Mounting

Circular or Square Head

