

# Product data sheet

Specifications



Complete push button, Harmony XB6, black square flush pushbutton, 16mm, spring return, 1NO + 1NC, unmarked

XB6CA25B

Product availability: Stock - Normally stocked in distribution facility

## Main

|                               |                                |
|-------------------------------|--------------------------------|
| Range of Product              | Harmony XB6                    |
| Product or Component Type     | Complete push-button           |
| Device short name             | XB6                            |
| Bezel material                | Plastic                        |
| Mounting diameter             | 0.6 in (16 mm)                 |
| Sale per indivisible quantity | 1                              |
| Shape of signaling unit head  | Square                         |
| Type of operator              | spring return                  |
| Operator profile              | Black flush, unmarked          |
| Contacts type and composition | 1 NO + 1 NC                    |
| Contact operation             | Slow-break                     |
| Connections - terminals       | Faston connectors 2.8 x 0.5 mm |

## Complementary

|                                        |                                                                                                                               |
|----------------------------------------|-------------------------------------------------------------------------------------------------------------------------------|
| CAD overall width                      | 0.7 in (18 mm)                                                                                                                |
| CAD overall height                     | 0.7 in (18 mm)                                                                                                                |
| CAD overall depth                      | 2.2 in (57 mm)                                                                                                                |
| Terminals description ISO n°1          | (13-14)NO<br>(21-22)NC                                                                                                        |
| Product Weight                         | 0.049 lb(US) (0.022 kg)                                                                                                       |
| Operating position                     | Any position                                                                                                                  |
| Positive opening                       | With IEC 60947-5-1 appendix K                                                                                                 |
| Operating travel                       | 0.04 in (1 mm) NO changing electrical state)<br>0.08 in (2 mm) NC changing electrical state)<br>0.1 in (3.5 mm) total travel) |
| Operating force                        | 3.5 N NO changing electrical state<br>4.5 N NC changing electrical state                                                      |
| Mechanical durability                  | 2000000 cycles                                                                                                                |
| Contacts material                      | Silver alloy (Ag/Ni)                                                                                                          |
| Short-circuit protection               | 6 A cartridge fuse gG                                                                                                         |
| [Ui] rated insulation voltage          | 250 V 3)IEC 60947-1                                                                                                           |
| [Uimp] rated impulse withstand voltage | 4 kV IEC 60947-1                                                                                                              |

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

|                                |                                                                                                                                                                     |
|--------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| [Ie] rated operational current | 3 A 120 V, AC-15, B300 IEC 60947-5-1<br>1.5 A 240 V, AC-15, B300 IEC 60947-5-1<br>0.1 A 250 V, DC-13, R300 IEC 60947-5-1<br>0.22 A 125 V, DC-13, R300 IEC 60947-5-1 |
| Electrical durability          | 1000000 cycles, AC-15 230 V 3600 cyc/h 0.5 IEC 60947-5-1 appendix C<br>1000000 cycles, DC-13 230 V 3600 cyc/h 0.5 IEC 60947-5-1 appendix C                          |
| Electrical reliability         | $\Lambda = 10\exp(-8)$ 5 V 1 mA with confidence level of 90 % IEC 60947-5-4                                                                                         |

## Environment

|                                       |                                                                                                                                |
|---------------------------------------|--------------------------------------------------------------------------------------------------------------------------------|
| Protective treatment                  | TC                                                                                                                             |
| Ambient Air Temperature for Storage   | -40...158 °F (-40...70 °C)                                                                                                     |
| Ambient Air Temperature for Operation | -13...158 °F (-25...70 °C)                                                                                                     |
| Electrical shock protection class     | Class II conforming to IEC 61140                                                                                               |
| IP degree of protection               | IP65 IEC 60529                                                                                                                 |
| NEMA degree of protection             | NEMA 13 UL 50<br>NEMA 4 UL 50<br>NEMA 4X UL 50<br>NEMA 13 CSA C22.2 No 94<br>NEMA 4 CSA C22.2 No 94<br>NEMA 4X CSA C22.2 No 94 |
| Standards                             | IEC 60947-5-1<br>UL 508<br>IEC 60947-1<br>JIS C 4520<br>JIS C 852<br>IEC 60947-5-5<br>CSA C22.2 No 14                          |
| Product Certifications                | GOST<br>UL<br>CCC<br>CSA                                                                                                       |
| Vibration resistance                  | +/- 3 mm (f= 2...500 Hz) conforming to IEC 60068-2-6<br>5 gn (f= 2...500 Hz) conforming to 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             |

## Ordering and shipping details

|                   |               |
|-------------------|---------------|
| Category          | US10CS222459  |
| Discount Schedule | 0CS2          |
| GTIN              | 3389110764413 |
| Returnability     | Yes           |
| Country of origin | FR            |

## Packing Units

|                        |                     |
|------------------------|---------------------|
| Unit Type of Package 1 | PCE                 |
| Nbr. of units in pkg.  | 1                   |
| Package 1 Height       | 2.165 in (5.500 cm) |
| Package 1 Width        | 1.772 in (4.500 cm) |
| Package 1 Length       | 2.362 in (6.000 cm) |
| Package weight(Lbs)    | 0.741 oz (21.000 g) |
| Unit Type of Package 2 | S02                 |

|                              |                         |
|------------------------------|-------------------------|
| Number of Units in Package 2 | 75                      |
| Package 2 Height             | 5.906 in (15.000 cm)    |
| Package 2 Width              | 11.811 in (30.000 cm)   |
| Package 2 Length             | 15.748 in (40.000 cm)   |
| Package 2 Weight             | 4.211 lb(US) (1.910 kg) |

## 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] | 0.3 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: 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



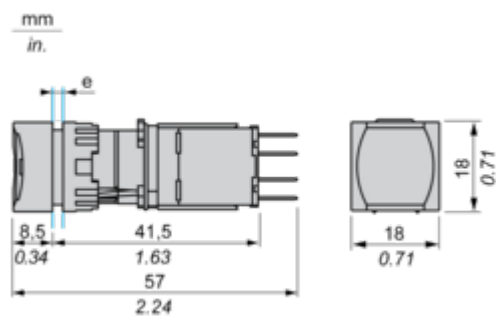
### Repack and remanufacture

|                               |                                                                                                                                                                                                                  |
|-------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 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

Square Head Pushbutton

Dimensions

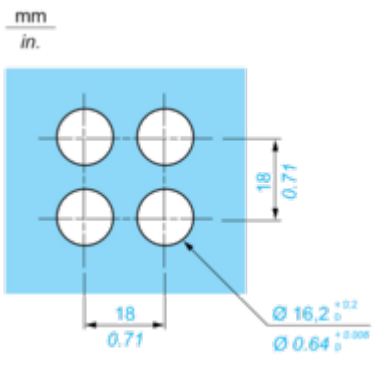


e panel thickness 1 to 6 mm/0.03 to 0.23 in.

Mounting and Clearance

Panel Cut-out

For Square or Circular Head



Technical Illustration

Dimensions

