

# Product data sheet

Specifications



Selector switch, Harmony XB6,  
black rectangular, 16mm, 2  
positions, stay put, 1NO + 1NC, key  
200

XB6DGC5B

## Main

|                               |                          |
|-------------------------------|--------------------------|
| Range of product              | Harmony XB6              |
| Product or component type     | Complete selector switch |
| Device short name             | XB6                      |
| Bezel material                | Plastic                  |
| Mounting diameter             | 16 mm                    |
| Sale per indivisible quantity | 1                        |
| Operating position            | Any position             |
| Shape of signaling unit head  | Rectangular              |
| Type of operator              | stay put                 |
| Operator profile              | key switch               |
| Operator position information | 2 positions 70°          |
| Type of keylock               | Key 200                  |
| Key withdrawal position       | In any position          |
| Contacts type and composition | 1 NO + 1 NC              |
| Contact operation             | Slow-break               |

## Complementary

|                                        |                                                      |
|----------------------------------------|------------------------------------------------------|
| CAD overall width                      | 24 mm                                                |
| CAD overall height                     | 18 mm                                                |
| CAD overall depth                      | 80 mm                                                |
| Terminals description ISO n°1          | (13-14)NO<br>(21-22)NC                               |
| Product weight                         | 0.036 kg                                             |
| Positive opening                       | With conforming to IEC 60947-5-1 appendix K          |
| Mechanical durability                  | 200000 cycles                                        |
| Connections - terminals                | Faston connectors, connection size: 2.8 x 0.5 mm     |
| Contacts material                      | Silver alloy (Ag/Ni)                                 |
| Short-circuit protection               | 6 A cartridge fuse type gG                           |
| [Ui] rated insulation voltage          | 250 V (pollution degree 3) conforming to IEC 60947-1 |
| [Uimp] rated impulse withstand voltage | 4 kV conforming to IEC 60947-1                       |

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

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

## Environment

|                                              |                                                                                                                                                                                |
|----------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Protective treatment</b>                  | TC                                                                                                                                                                             |
| <b>Ambient air temperature for storage</b>   | -40...70 °C                                                                                                                                                                    |
| <b>Ambient air temperature for operation</b> | -25...70 °C                                                                                                                                                                    |
| <b>Electrical shock protection class</b>     | Class II conforming to IEC 61140                                                                                                                                               |
| <b>IP degree of protection</b>               | IP65 conforming to IEC 60529                                                                                                                                                   |
| <b>Standards</b>                             | IEC 60947-5-1<br>CSA C22.2 No 14<br>JIS C 852<br>UL 508<br>IEC 60947-1<br>IEC 60947-5-5<br>JIS C8201-5-1<br>JIS C8201-1                                                        |
| <b>Product certifications</b>                | CCC<br>UL<br>CSA<br>GOST                                                                                                                                                       |
| <b>Vibration resistance</b>                  | +/- 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                                                                       |
| <b>Shock resistance</b>                      | 30 gn (duration = 18 ms) for half sine wave acceleration conforming to IEC 60068-2-27<br>50 gn (duration = 11 ms) for half sine wave acceleration conforming to IEC 60068-2-27 |

## Packing Units

|                                     |          |
|-------------------------------------|----------|
| <b>Unit Type of Package 1</b>       | PCE      |
| <b>Number of Units in Package 1</b> | 1        |
| <b>Package 1 Height</b>             | 2 cm     |
| <b>Package 1 Width</b>              | 10 cm    |
| <b>Package 1 Length</b>             | 8 cm     |
| <b>Package 1 Weight</b>             | 34 g     |
| <b>Unit Type of Package 2</b>       | S01      |
| <b>Number of Units in Package 2</b> | 60       |
| <b>Package 2 Height</b>             | 15 cm    |
| <b>Package 2 Width</b>              | 15 cm    |
| <b>Package 2 Length</b>             | 40 cm    |
| <b>Package 2 Weight</b>             | 2.214 kg |

## Contractual warranty

|                 |           |
|-----------------|-----------|
| <b>Warranty</b> | 18 months |
|-----------------|-----------|

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 | 1                                             |
| Environmental Disclosure         | <a href="#">Product Environmental Profile</a> |

Use Better

| Materials and Substances               |                                                                                                                                                                                                                                                                                             |
|----------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Packaging made with recycled cardboard | No                                                                                                                                                                                                                                                                                          |
| Packaging without single use plastic   | No                                                                                                                                                                                                                                                                                          |
| <a href="#">EU RoHS Directive</a>      | Pro-active compliance (Product out of EU RoHS legal scope)                                                                                                                                                                                                                                  |
| California proposition 65              | WARNING: This product can expose you to chemicals including: Lead and lead compounds, which is known to the State of California to cause cancer and birth defects or other reproductive harm. For more information go to <a href="http://www.P65Warnings.ca.gov">www.P65Warnings.ca.gov</a> |

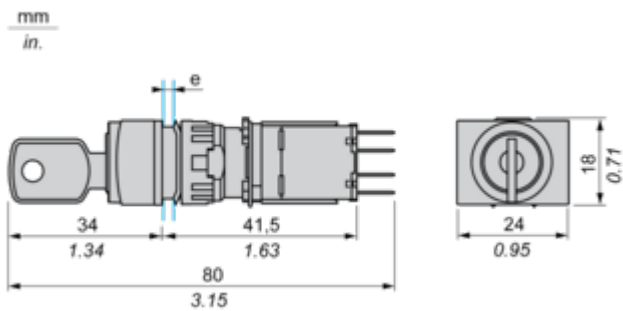
Use Again

| Repack and remanufacture        |                                                                                                                                                                                                                 |
|---------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| End of life manual availability | <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

Rectangular Head Key Switch

Dimensions



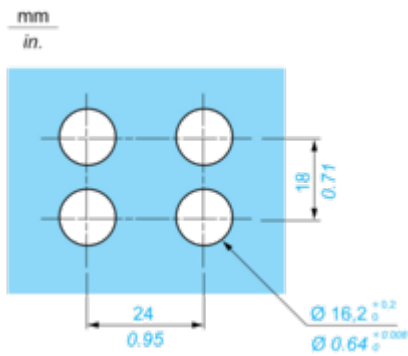
e panel thickness 1 to 6 mm/0.03 to 0.23 in.

Mounting and Clearance

Panel Cut-out

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For Rectangular Head



Technical Illustration

Dimensions

