

# Product datasheet

Specifications



Complete illuminated push button.  
Harmony XB6. red square flush  
illum pushbutton Ø 16 spring return  
1NO+1NC 12...24 V

XB6CW4B5B

Price: 748.21 ZAR

## Main

|                               |                                                  |
|-------------------------------|--------------------------------------------------|
| Range Of Product              | Harmony XB6                                      |
| Product Or Component Type     | Complete illuminated push-button                 |
| Device Short Name             | XB6                                              |
| Bezel Material                | Plastic                                          |
| Mounting Diamete              | 16 mm                                            |
| Sale Per Indivisible Quantity | 1                                                |
| Shape Of Signaling Unit Head  | Square                                           |
| Type Of Operator              | spring return                                    |
| Operator Profile              | Red flush, unmarked                              |
| Contacts Type And Composition | 1 NO + 1 NC                                      |
| Contact Operation             | Slow-break                                       |
| Connections - Terminals       | Faston connectors, connection size: 2.8 x 0.5 mm |
| Light Source                  | LED                                              |
| Bulb Base                     | Integral LED                                     |
| [Us] Rated Supply Voltage     | 12...24 V AC/DC                                  |

## Complementary

|                               |                                                                                                     |
|-------------------------------|-----------------------------------------------------------------------------------------------------|
| Cad Overall Width             | 18 mm                                                                                               |
| Cad Overall Height            | 18 mm                                                                                               |
| Cad Overall Depth             | 57 mm                                                                                               |
| Terminals Description Iso N°1 | (13-14)NO<br>(21-22)NC                                                                              |
| Net Weight                    | 0.025 kg                                                                                            |
| Operating Position            | Any position                                                                                        |
| Positive Opening              | With conforming to IEC 60947-5-1 appendix K                                                         |
| Operating Travel              | 1 mm (NO changing electrical state)<br>2 mm (NC changing electrical state)<br>3.5 mm (total travel) |
| Operating Force               | 3.5 N NO changing electrical state<br>4.5 N NC changing electrical state                            |
| 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                                                |

Excluding VAT and subject to change. Please check with your local distributor through "Where to buy"

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>[Uimp] Rated Impulse Withstand Voltage</b> | 4 kV conforming to IEC 60947-1                                                                                                                                                                                                             |
| <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                                                                                                                                           |
| <b>Signalling Type</b>                        | Steady                                                                                                                                                                                                                                     |
| <b>Supply Voltage Limits</b>                  | 6...30 V AC/DC                                                                                                                                                                                                                             |
| <b>Current Consumption</b>                    | 15 mA                                                                                                                                                                                                                                      |
| <b>Surge Withstand</b>                        | 1 kV direct contact conforming to IEC 61000-4-5<br>2 kV in free air conforming to IEC 61000-4-5                                                                                                                                            |

## 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>Nema Degree Of Protection</b>             | NEMA 13 conforming to UL 50<br>NEMA 4 conforming to UL 50<br>NEMA 4X conforming to UL 50<br>NEMA 13 conforming to CSA C22.2 No 94<br>NEMA 4 conforming to CSA C22.2 No 94<br>NEMA 4X conforming to CSA C22.2 No 94 |
| <b>Standards</b>                             | IEC 60947-5-1<br>IEC 60947-5-5<br>IEC 60947-1<br>JIS C 4520<br>CSA C22.2 No 14<br>JIS C 852                                                                                                                        |
| <b>Product Certifications</b>                | CSA<br>CCC<br>GOST<br>UL                                                                                                                                                                                           |
| <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                                     |
| <b>Resistance To Fast Transients</b>         | 2 kV conforming to IEC 61000-4-4                                                                                                                                                                                   |
| <b>Resistance To Electromagnetic Fields</b>  | 10 V/m conforming to IEC 61000-4-3                                                                                                                                                                                 |
| <b>Resistance To Electrostatic Discharge</b> | 6 kV on contact (on metal parts) conforming to IEC 61000-4-2<br>8 kV in free air (in insulating parts) conforming to IEC 61000-4-2                                                                                 |
| <b>Electromagnetic Emission</b>              | Class B conforming to IEC 55011                                                                                                                                                                                    |

## Packing Units

|                               |     |
|-------------------------------|-----|
| <b>Unit Type Of Package 1</b> | PCE |
|-------------------------------|-----|

|                              |           |
|------------------------------|-----------|
| Number Of Units In Package 1 | 1         |
| Package 1 Height             | 2.000 cm  |
| Package 1 Width              | 7.000 cm  |
| Package 1 Length             | 6.000 cm  |
| Package 1 Weight             | 17.000 g  |
| Unit Type Of Package 2       | S01       |
| Number Of Units In Package 2 | 60        |
| Package 2 Height             | 15.000 cm |
| Package 2 Width              | 15.000 cm |
| Package 2 Length             | 40.000 cm |
| Package 2 Weight             | 1.232 kg  |

## Contractual warranty

|          |           |
|----------|-----------|
| Warranty | 18 months |
|----------|-----------|

# 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-CO<sub>2</sub> 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 >](#)

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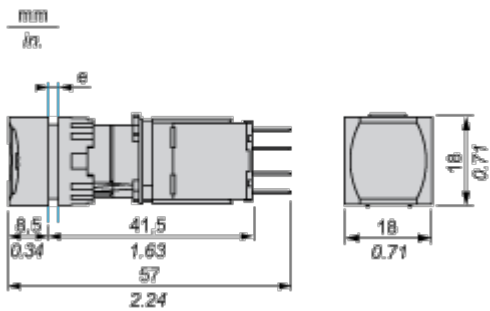
## Well-being performance

|                                                                                                              |                                                                                                                             |
|--------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------|
|  Mercury Free               |                                                                                                                             |
|  Rohs Exemption Information | <a href="#">Yes</a>                                                                                                         |
| Reach Regulation                                                                                             | <a href="#">REACH Declaration</a>                                                                                           |
| Eu Rohs Directive                                                                                            | Pro-active compliance (Product out of EU RoHS legal scope)                                                                  |
| China Rohs Regulation                                                                                        | <a href="#">China RoHS declaration</a>                                                                                      |
| Weee                                                                                                         | 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

