

Product data sheet

Specifications



Complete illuminated push button,
Harmony XB6, green projecting,
16mm, spring return 1NO 12...24V

XB6AE3B1B

Product availability: Non-Stock - Not normally stocked in
distribution facility

Price*: 44.40 USD

Main

| | |
|-------------------------------|----------------------------------|
| Range Of Product | Harmony XB6 |
| Product Or Component Type | Complete illuminated push-button |
| Device Short Name | XB6 |
| Bezel Material | Plastic |
| Mounting Diameter | 0.63 in (16 mm) |
| Sale Per Indivisible Quantity | 1 |
| Shape Of Signaling Unit Head | Round |
| Type Of Operator | spring return |
| Operator Profile | Green projecting, unmarked |
| Contacts Type And Composition | 1 NO |
| Contact Operation | Slow-break |
| Connections - Terminals | Faston connectors 2.8 x 0.5 mm |
| Light Source | LED |
| Bulb Base | Integral LED |
| [Us] Rated Supply Voltage | 12...24 V AC/DC |

Complementary

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|-------------------------------|--|
| Cad Overall Width | 0.71 in (18 mm) |
| Cad Overall Height | 0.71 in (18 mm) |
| Cad Overall Depth | 2.40 in (61 mm) |
| Terminals Description Iso N°1 | (13-14)NO |
| Net Weight | 0.05 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) 0.14 in (3.5 mm) total travel) |
| Operating Force | 3.5 N NO changing electrical state |
| Contacts Material | Silver alloy (Ag/Ni) |
| Short-Circuit Protection | 6 A cartridge fuse gG |
| [Ui] Rated Insulation Voltage | 250 V 3)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

| | |
|--|---|
| [Uimp] Rated Impulse Withstand Voltage | 4 kV IEC 60947-1 |
| [Ie] Rated Operational Current | 3 A 120 V, AC-15, B300 IEC 60947-5-1 1.5 A 240 V, AC-15, B300 IEC 60947-5-1 0.1 A 250 V, DC-13, R300 IEC 60947-5-1 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 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 |
| Signalling Type | Steady |
| Supply Voltage Limits | 6...30 V AC/DC |
| Current Consumption | 15 mA |
| Surge Withstand | 1 kV direct contact IEC 61000-4-5 2 kV in free air IEC 61000-4-5 |

Environment

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|---------------------------------------|--|
| 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 IEC 61140 |
| Ip Degree Of Protection | IP65 IEC 60529 |
| Nema Degree Of Protection | NEMA 13 UL 50 NEMA 4 UL 50 NEMA 4X UL 50 NEMA 13 CSA C22.2 No 94 NEMA 4 CSA C22.2 No 94 NEMA 4X CSA C22.2 No 94 |
| Standards | IEC 60947-5-5 JIS C 852 CSA C22.2 No 14 JIS C 4520 IEC 60947-5-1 IEC 60947-1 |
| Product Certifications | CCC GOST CSA UL |
| Vibration Resistance | +/- 3 mm 2...500 Hz)IEC 60068-2-6 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 |
| Resistance To Fast Transients | 2 kV IEC 61000-4-4 |
| Resistance To Electromagnetic Fields | 9.14 V/m (10 V/m) IEC 61000-4-3 |
| Resistance To Electrostatic Discharge | 6 kV on contact (on metal parts) IEC 61000-4-2 8 kV in free air (in insulating parts) IEC 61000-4-2 |
| Electromagnetic Emission | Class B IEC 55011 |

Ordering and shipping details

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|-------------------|---------------|
| Category | US10CS222459 |
| Discount Schedule | 0CS2 |
| Gtin | 3389110764079 |
| Returnability | No |

Packing Units

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|------------------------------|--------------------|
| Unit Type Of Package 1 | PCE |
| Number Of Units In Package 1 | 1 |
| Package 1 Height | 0.79 in (2.0 cm) |
| Package 1 Width | 4.33 in (11.0 cm) |
| Package 1 Length | 4.33 in (11.0 cm) |
| Package 1 Weight | 0.49 oz (14.0 g) |
| Unit Type Of Package 2 | S01 |
| Number Of Units In Package 2 | 40 |
| Package 2 Height | 5.91 in (15.0 cm) |
| Package 2 Width | 5.91 in (15.0 cm) |
| Package 2 Length | 15.75 in (40.0 cm) |
| Package 2 Weight | 26.53 oz (752.0 g) |

Contractual warranty

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| 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-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 >](#)

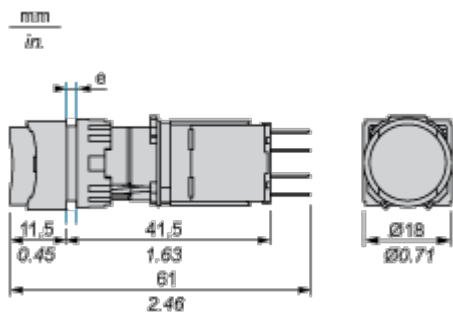
Well-being performance

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|--|---|
|  Mercury Free | |
|  Rohs Exemption Information | Yes |
| Reach Regulation | REACH Declaration |
| Eu Rohs Directive | Pro-active compliance (Product out of EU RoHS legal scope) |
| 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: 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 www.P65Warnings.ca.gov |

Dimensions Drawings

Circular Head Pushbutton

Dimensions



e panel thickness 1 to 6 mm/0.03 to 2.48 in.

Mounting and Clearance

Panel Cut-out

For Square or Circular Head

