

Product data sheet

Specifications



round green illuminated pushbutton
Ø16-flush push to release 12
VDCpolarised1CO

XB6EAF3J1P

⚠ Discontinued on: Jan 29, 2021

⚠ Discontinued

Main

| | |
|-------------------------------|---|
| Range Of Product | Harmony XB6E |
| Product Or Component Type | Illuminated monolithic push-button |
| Device Short Name | XB6E |
| Bezel Material | Plastic |
| Mounting Diameter | 16 mm |
| Sale Per Indivisible Quantity | 5 |
| Shape Of Signaling Unit Head | Round |
| Type Of Operator | latching |
| Operator Profile | Green flush |
| Contacts Type And Composition | 1 C/O |
| Contact Operation | Snap action |
| Connections - Terminals | Faston connectors, connection size: 2.8 x 0.5 mm Soldered connectors |
| Contacts Material | Gold-flashed silver |
| Light Source | Integral LED |
| [Us] Rated Supply Voltage | 12 V DC polarised |

Complementary

| | |
|---|-------------------------------------|
| Height | 18 mm |
| Width | 18 mm |
| Depth | 40 mm |
| Terminals Description Iso N°1 | (13-14-11-12)OF |
| Net Weight | 0.006 kg |
| Overvoltage Category | II conforming to IEC 60536 |
| Operating Position | Any position |
| Marking | CE |
| Operating Force | 1.3 N C/O changing electrical state |
| Mechanical Durability | 250000 cycles |
| Short-Circuit Protection | 3 A cartridge fuse type gG |
| [Ith] Conventional Free Air Thermal Current | 3 A |

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

| | |
|---|---|
| [Ui] Rated Insulation Voltage | 250 V (pollution degree 2) conforming to IEC 60947-1 |
| [Uimp] Rated Impulse Withstand Voltage | 2.5 kV conforming to IEC 60947-1 |
| Electrical Durability | 50000 cycles, DC-12, 1 A at 30 V conforming to IEC 60947-5-1 appendix C 50000 cycles, AC-12, 0.5 A at 125 V conforming to IEC 60947-5-1 appendix C 50000 cycles, AC-12, 0.5 A at 250 V conforming to IEC 60947-5-1 appendix C |
| Electrical Reliability | $\Lambda = 10\exp(-8)$ at 5 V and 1 mA with confidence level of 90 % conforming to IEC 60947-5-4 |
| Signalling Type | Steady |
| Current Consumption | 20 mA |
| Service Life | 50000 h |

Environment

| | |
|--|--|
| Ambient Air Temperature For Storage | -40...70 °C |
| Ambient Air Temperature For Operation | -10...55 °C |
| Ip Degree Of Protection | IP65 conforming to IEC 60529 |
| Standards | UL 508 JIS C 4520 JIS C 852 IEC 60947-5-1 CSA C22.2 No 14 IEC 60947-1 |
| Product Certifications | cURus CCC |
| Vibration Resistance | 1 mm (f= 5...55 Hz) conforming to IEC 60068-2-6 9 gn (f= 5...55 Hz) conforming to IEC 60068-2-6 |
| Shock Resistance | 20 gn (duration = 11 ms) for half sine wave acceleration conforming to IEC 60068-2-27 |
| Electromagnetic Compatibility | Electrostatic discharge immunity test - test level: 8 kV conforming to IEC 61000-4-2 |

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-CO₂ products.

Guide to assessing product sustainability is a white paper that clarifies global eco-label standards and how to interpret environmental declarations.

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[Guide to assess a product's sustainability >](#)

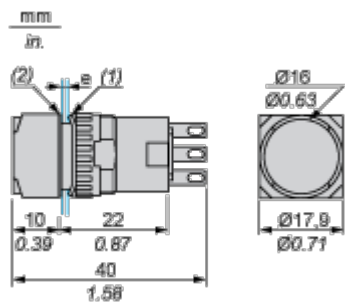
Well-being performance

| | |
|--|---|
|  Reach Free Of Svhc | |
|  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

Pushbutton

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

