

Product data sheet

Specifications



rectangle white illuminated
pushbutton Ø16-flush
springreturn-12 VDCpolarised2CO

XB6EDW1J2P

⚠ 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 | Rectangular |
| Type Of Operator | spring return |
| Operator Profile | White flush |
| Contacts Type And Composition | 2 C/O |
| Contact Operation | Snap action |
| Connections - Terminals | Insulated faston, connection size: 2.8 x 0.5 mm Solder terminal, clamping capacity: <= 0.75 mm² AWG 19 Fast connector socket |
| Contacts Material | Gold-flashed silver |
| Light Source | Integral LED |
| [Us] Rated Supply Voltage | 12 V DC polarised |

Complementary

| | |
|---|---|
| Net Weight | 0.006 kg |
| Operating Position | Any position |
| Marking | CE |
| Mechanical Durability | 1000000 cycles |
| Contact Resistance | 50 mOhm at 1/6 V |
| Short-Circuit Protection | 2 A cartridge fuse type gG |
| [Ith] Conventional Free Air Thermal Current | 3 A (fast connector socket) 5 A |
| [Ie] Rated Operational Current | 1.5 A at 120 V, AC-12 conforming to EN/IEC 60947-5-1 1 A at 240 V, AC-12 conforming to EN/IEC 60947-5-1 1 A at 24 V, DC-12 conforming to EN/IEC 60947-5-1 0.7 A at 24 V, DC-13 conforming to EN/IEC 60947-5-1 0.2 A at 125 V, DC-12 conforming to EN/IEC 60947-5-1 0.15 A at 125 V, DC-13 conforming to EN/IEC 60947-5-1 |
| Electrical Durability | 100000 cycles, AC, 0.7 A at 220 V conforming to EN/IEC 60947-5-1 appendix C |

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

| | |
|---------------------|---------|
| Signalling Type | Steady |
| Current Consumption | 10 mA |
| Service Life | 30000 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 IEC 60947-5-1 IEC 60947-1 JIS C 4520 CSA C22.2 No 14 JIS C 852 |
| Product Certifications | CCC cURus |
| Vibration Resistance | 1 mm (f= 10...55 Hz) conforming to IEC 60068-2-6 |
| Shock Resistance | 10 gn (duration = 11 ms) for half sine wave acceleration conforming to IEC 60068-2-27 |

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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Transparency RoHS/REACH

Well-being performance

✓ Mercury Free

✓ Rohs Exemption Information [Yes](#)

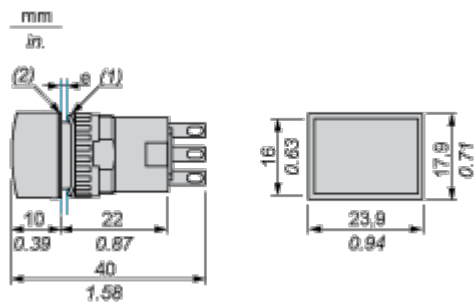
Certifications & Standards

| | |
|--------------------------|---|
| Eu Rohs Directive | Pro-active compliance (Product out of EU RoHS legal scope) EU RoHS Declaration |
| China Rohs Regulation | China RoHS declaration |
| Environmental Disclosure | Product Environmental Profile |
| Weee | The product must be disposed on European Union markets following specific waste collection and never end up in rubbish bins |
| Circularity Profile | End of Life Information |

Dimensions Drawings

Pushbutton

Rectangular 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

Rectangular Head

