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# Product data sheet
## Characteristics

# XB6EAW3B1P
## round green illuminated pushbutton Ø16-flush spring return-24 VDC polarised-1CO



## Main

| | |
|---|---|
| Range of product | Harmony XB6E |
| Product or component type | Illuminated monolithic push-button |
| Device short name | XB6E |
| Bezel material | Plastic |
| Mounting diameter | 0.63 in (16 mm) |
| Sale per indivisible quantity | 5 |
| Shape of signaling unit head | Round |
| Type of operator | Spring return |
| Operator profile | Green flush |
| Contacts type and composition | 1 C/O |
| Contact operation | Snap action |
| Connections - terminals | Insulated faston 2.8 x 0.5 mm<br>Solder terminal <= 0.75 mm² AWG 19<br>Fast connector socket |
| Contacts material | Gold-flashed silver |
| Light source | Integral LED |
| [Us] rated supply voltage | 24 V DC polarised |

## Complementary

| | |
|---|---|
| Net Weight | 0.01 lb(US) (0.006 kg) |
| Operating position | Any position |
| Marking | CE |
| Mechanical durability | 1000000 cycles |
| Contact resistance | 50 mOhm 1/6 V |
| Short-circuit protection | 2 A cartridge fuse gG |
| [Ith] conventional free air thermal current | 3 A fast connector socket)<br>5 A |
| [Ie] rated operational current | 1.5 A 120 V, AC-12 EN/IEC 60947-5-1<br>1 A 240 V, AC-12 EN/IEC 60947-5-1<br>1 A 24 V, DC-12 EN/IEC 60947-5-1<br>0.7 A 24 V, DC-13 EN/IEC 60947-5-1<br>0.2 A 125 V, DC-12 EN/IEC 60947-5-1<br>0.15 A 125 V, DC-13 EN/IEC 60947-5-1 |
| Electrical durability | 100000 cycles, AC, 0.7 A 220 V EN/IEC 60947-5-1 appendix C |
| Signalling type | Steady |
| Current consumption | 10 mA |
| Service life | 30000 h |

The information provided in this documentation contains general descriptions and/or technical characteristics of the performance of the products contained herein.
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.
It is the duty of any such user or integrator to perform the appropriate and complete risk analysis, evaluation and testing of the products with respect to the relevant specific application or use thereof.
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## Environment

| | |
|---|---|
| Ambient air temperature for storage | -40…158 °F (-40…70 °C) |
| Ambient air temperature for operation | 14…131 °F (-10…55 °C) |
| IP degree of protection | IP65 IEC 60529 |
| Standards | IEC 60947-1<br>JIS C 4520<br>UL 508<br>IEC 60947-5-1<br>JIS C 852<br>CSA C22.2 No 14 |
| Product certifications | CCC<br>CURus |
| Vibration resistance | 1 mm 10…55 Hz)IEC 60068-2-6 |
| Shock resistance | 10 gn 11 ms) half sine wave acceleration IEC 60068-2-27 |

## Ordering and shipping details

| | |
|---|---|
| Category | 22459 - PUSHBUTTONS, 16MM |
| Discount Schedule | CS2 |
| GTIN | 00785901295938 |
| Nbr. of units in pkg. | 5 |
| Package weight(Lbs) | 0.02 lb(US) (0.01 kg) |
| Returnability | No |
| Country of origin | CN |

## Packing Units

| | |
|---|---|
| Unit Type of Package 1 | PCE |
| Package 1 Height | 1.18 in (3 cm) |
| Package 1 width | 3.74 in (9.5 cm) |
| Package 1 Length | 7.87 in (20 cm) |
| Unit Type of Package 2 | BAG |
| Number of Units in Package 2 | 5 |
| Package 2 Weight | 1.98 oz (56 g) |
| Package 2 Height | 1.18 in (3 cm) |
| Package 2 width | 3.74 in (9.5 cm) |
| Package 2 Length | 7.87 in (20 cm) |
| Unit Type of Package 3 | S01 |
| Number of Units in Package 3 | 50 |
| Package 3 Weight | 28.43 oz (806 g) |
| Package 3 Height | 5.91 in (15 cm) |
| Package 3 width | 5.91 in (15 cm) |
| Package 3 Length | 15.75 in (40 cm) |

## Offer Sustainability

| | |
|---|---|
| Sustainable offer status | Green Premium product |
| California proposition 65 | WARNING: This product can expose you to chemicals including: Nickel compounds, which is known to the State of California to cause cancer, and Di-isodecyl phthalate (DIDP), which is known to the State of California to cause birth defects or other reproductive harm. For more information go to www.P65Warnings.ca.gov |
| REACh Regulation | REACh Declaration |
| EU RoHS Directive | Pro-active compliance (Product out of EU RoHS legal scope) EU RoHS Declaration |
| Mercury free | Yes |
| RoHS exemption information | Yes |
| China RoHS Regulation | China RoHS Declaration |

| | |
|---|---|
| Environmental Disclosure | Product Environmental Profile |
| Circularity Profile | End Of Life Information |
| WEEE | The product must be disposed on European Union markets following specific waste collection and never end up in rubbish bins. |

## Contractual warranty

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

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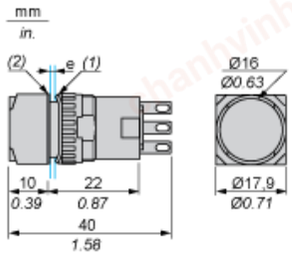
# Product data sheet
## Dimensions Drawings

# XB6EAW3B1P

## 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.)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# Product data sheet
## Mounting and Clearance

XB6EAW3B1P

### Panel Cut-Out and Mounting

#### Circular or Square Head

