

# XB6ECW1B1P

Illuminated monolithic push button, Harmony XB6E, square white flush, 16mm, spring return, 24V DC, 1CO



## 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  | Square                                                                                                                                |
| Type of operator              | Spring return                                                                                                                         |
| Operator profile              | White flush                                                                                                                           |
| Contacts type and composition | 1 C/O                                                                                                                                 |
| Contact operation             | Snap action                                                                                                                           |
| Connections - terminals       | Insulated faston, connection size: 2.8 x 0.5 mm<br>Solder terminal, clamping capacity: <= 0.75 mm²<br>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                                  | 0.006 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)<br>5 A                                                                                                                                                                                                                                                                                    |
| [Ie] rated operational current              | 1.5 A at 120 V, AC-12 conforming to IEC 60947-5-1<br>1 A at 240 V, AC-12 conforming to IEC 60947-5-1<br>1 A at 24 V, DC-12 conforming to IEC 60947-5-1<br>0.7 A at 24 V, DC-13 conforming to IEC 60947-5-1<br>0.2 A at 125 V, DC-12 conforming to IEC 60947-5-1<br>0.15 A at 125 V, DC-13 conforming to IEC 60947-5-1 |
| Electrical durability                       | 100000 cycles, AC, 0.7 A at 220 V conforming to IEC 60947-5-1 appendix C                                                                                                                                                                                                                                              |
| 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<br>IEC 60947-1<br>CSA C22.2 No 14<br>JIS C 852<br>IEC 60947-5-1<br>JIS C 4520  |
| Product certifications                | CCC[RETURN]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 |

## Packing Units

|                              |       |
|------------------------------|-------|
| Unit Type of Package 1       | PCE   |
| Number of Units in Package 1 | 1     |
| Package 1 Height             | 3 cm  |
| Package 1 Width              | 9 cm  |
| Package 1 Length             | 20 cm |
| Package 1 Weight             | 12 g  |
| Unit Type of Package 2       | BAG   |
| Number of Units in Package 2 | 5     |
| Package 2 Height             | 3 cm  |
| Package 2 Width              | 9 cm  |
| Package 2 Length             | 20 cm |
| Package 2 Weight             | 60 g  |
| Unit Type of Package 3       | S01   |
| Number of Units in Package 3 | 50    |
| Package 3 Height             | 15 cm |
| Package 3 Width              | 15 cm |
| Package 3 Length             | 40 cm |
| Package 3 Weight             | 781 g |

## Offer Sustainability

|                            |                                                                                                                             |
|----------------------------|-----------------------------------------------------------------------------------------------------------------------------|
| Sustainable offer status   | Green Premium product                                                                                                       |
| REACH Regulation           |  <a href="#">REACH Declaration</a>       |
| REACH free of SVHC         | Yes                                                                                                                         |
| EU RoHS Directive          | Pro-active compliance (Product out of EU RoHS legal scope)                                                                  |
| Mercury free               | Yes                                                                                                                         |
| China RoHS Regulation      |  <a href="#">China RoHS Declaration</a>  |
| RoHS exemption information |  <a href="#">Yes</a>                     |
| WEEE                       | The product must be disposed on European Union markets following specific waste collection and never end up in rubbish bins |

## Contractual warranty

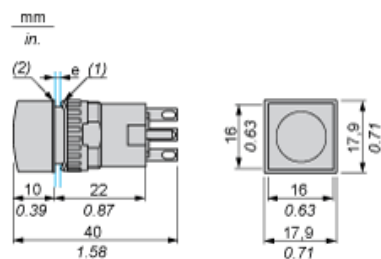
|          |           |
|----------|-----------|
| Warranty | 18 months |
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Pushbutton

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Square 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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Panel Cut-Out and Mounting

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Circular or Square Head

