

# XB6EDF5B1P

Illuminated monolithic push button, Harmony XB6E, rectangle yellow illumin pushbutton Ø 16  
flush pushtorelease 24 VDCpolarised 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  | Rectangular                                           |
| Type of operator              | latching                                              |
| Operator profile              | Yellow flush                                          |
| Contacts type and composition | 1 C/O                                                 |
| Contact operation             | Snap action                                           |
| Connections - terminals       | Faston connectors 2.8 x 0.5 mm<br>Soldered connectors |
| Contacts material             | Gold-flashed silver                                   |
| Light source                  | Integral LED                                          |
| [Us] rated supply voltage     | 24 V DC polarised                                     |

## Complementary

|                                             |                                                                                                                                                                                  |
|---------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Height                                      | 0.71 in (18 mm)                                                                                                                                                                  |
| Width                                       | 0.94 in (24 mm)                                                                                                                                                                  |
| Depth                                       | 1.57 in (40 mm)                                                                                                                                                                  |
| Terminals description ISO n°1               | (13-14-11-12)OF                                                                                                                                                                  |
| Net Weight                                  | 0.01 lb(US) (0.006 kg)                                                                                                                                                           |
| Overvoltage category                        | II 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 gG                                                                                                                                                            |
| [Ith] conventional free air thermal current | 3 A                                                                                                                                                                              |
| [Ui] rated insulation voltage               | 250 V 2)IEC 60947-1                                                                                                                                                              |
| [Uimp] rated impulse withstand voltage      | 2.5 kV IEC 60947-1                                                                                                                                                               |
| Electrical durability                       | 50000 Cycles, DC-12, 1 A 30 V IEC 60947-5-1 appendix C<br>50000 Cycles, AC-12, 0.5 A 125 V IEC 60947-5-1 appendix C<br>50000 cycles, AC-12, 0.5 A 250 V 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                                                                                                                                                                           |
| Current Consumption                         | 10 mA                                                                                                                                                                            |
| Service life                                | 50000 h                                                                                                                                                                          |

## 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                             | CSA C22.2 No 14<br>JIS C 852<br>IEC 60947-5-1<br>UL 508<br>JIS C 4520<br>IEC 60947-1 |
| Product Certifications                | CCC<br>cURus                                                                         |
| Vibration resistance                  | 1 mm 5...55 Hz)IEC 60068-2-6<br>9 gn 5...55 Hz)IEC 60068-2-6                         |
| Shock resistance                      | 20 gn 11 ms) half sine wave acceleration IEC 60068-2-27                              |
| Electromagnetic compatibility         | Electrostatic discharge immunity test 8 kV IEC 61000-4-2                             |

## Ordering and shipping details

|                       |                           |
|-----------------------|---------------------------|
| Category              | 22459 - PUSHBUTTONS, 16MM |
| Discount Schedule     | CS2                       |
| GTIN                  | 3389110631937             |
| Nbr. of units in pkg. | 1                         |
| Package weight(Lbs)   | 0.35 oz (10 g)            |
| Returnability         | No                        |
| Country of origin     | CN                        |

## Packing Units

|                              |                   |
|------------------------------|-------------------|
| Unit Type of Package 1       | PCE               |
| Package 1 Height             | 1.10 in (2.8 cm)  |
| Package 1 width              | 2.87 in (7.3 cm)  |
| Package 1 Length             | 7.28 in (18.5 cm) |
| Unit Type of Package 2       | BAG               |
| Number of Units in Package 2 | 5                 |
| Package 2 Weight             | 1.83 oz (52 g)    |
| Package 2 Height             | 1.10 in (2.8 cm)  |
| Package 2 width              | 2.87 in (7.3 cm)  |
| Package 2 Length             | 7.28 in (18.5 cm) |
| Unit Type of Package 3       | S01               |
| Number of Units in Package 3 | 50                |
| Package 3 Weight             | 26.28 oz (745 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 <a href="http://www.P65Warnings.ca.gov">www.P65Warnings.ca.gov</a> |
| 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)  <a href="#">EU RoHS Declaration</a>                                                                                                                                                                                   |
| Mercury free              | Yes                                                                                                                                                                                                                                                                                                                                                                    |

|                            |                                                                                                                                 |
|----------------------------|---------------------------------------------------------------------------------------------------------------------------------|
| RoHS exemption information | <a href="#"> Yes</a>                            |
| China RoHS Regulation      | <a href="#"> China RoHS Declaration</a>        |
| Environmental Disclosure   | <a href="#"> Product Environmental Profile</a> |
| Circularity Profile        | <a href="#"> End Of Life Information</a>       |
| WEEE                       | The product must be disposed on European Union markets following specific waste collection and never end up in rubbish bins.    |

### Contractual warranty

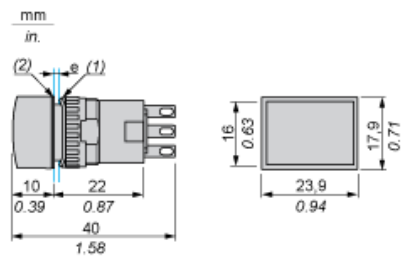
|          |           |
|----------|-----------|
| Warranty | 18 months |
|----------|-----------|

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Pushbutton

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Rectangular Head



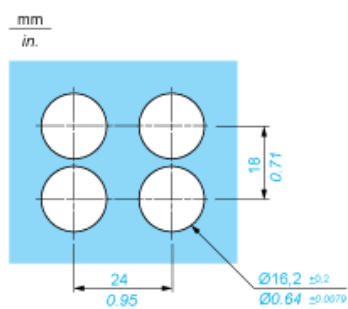
- (1) Anti-rotation plate (thickness: 0.6 mm / 0.02 in.)  
(2) Seal (thickness: 0.5 mm / 0.01 in.)  
e panel thickness: 0.5 mm (0.01 in.) ≤ e ≤ 6 mm (0.24 in.)

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Panel Cut-Out and Mounting

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Rectangular Head



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