

## XB6EDF6B2P

rectangle blue illumin pushbutton Ø16-flush  
pushtorelease 24 VDCpolarised 2CO



### 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              | Latching  |
| Operator profile              | Blue flush  |
| Contacts type and composition | 2 C/O   |
| Contact operation             | Snap action   |
| Connections - terminals       | Soldered connectors<br>Faston connectors : 2.8 x 0.5 mm |
| Contacts material             | Gold-flashed silver                                     |
| Light source                  | Integral LED  |
| [Us] rated supply voltage     | 24 V DC polarised                                       |

### Complementary

|   |   |
|---|---|
| Height                                      | 18 mm   |
| Width                                       | 24 mm   |
| Depth                                       | 40 mm   |
| Terminals description ISO n°1               | (13-14-11-12)OF<br>(23-24-21-22)OF  |
| Product 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 by gG cartridge fuse  |
| [Ith] conventional free air thermal current | 3 A   |
| [Ui] rated insulation voltage               | 250 V (degree of pollution: 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 - 30 V conforming to IEC 60947-5-1 appendix C<br>50000 cycles AC-12, 0.5 A - 125 V conforming to IEC 60947-5-1 appendix C<br>50000 cycles AC-12, 0.5 A - 250 V conforming to IEC 60947-5-1 appendix C |
| Electrical reliability                      | $\lambda = 10\text{exp}(-8)$ at 5 V and 1 mA with confidence level of 90 % conforming to IEC 60947-5-4  |
| Signalling type                             | Steady  |
| Current consumption                         | 10 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                             | IEC 60947-1<br>IEC 60947-5-1<br>JIS C 4520 |

The information provided in this documentation contains general descriptions and/or technical characteristics 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. Neither Schneider Electric Industries SAS nor any of its affiliates or subsidiaries shall be responsible or liable for misuse of the information contained herein.

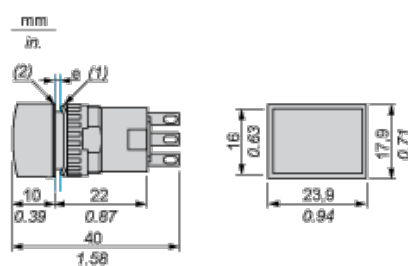
|                               |  |
|-------------------------------|--|
| product certifications        | CCC<br>CURus   |
| vibration resistance          | 1 mm (5...55 Hz) conforming to IEC 60068-2-6<br>9 gn (5...55 Hz) conforming to IEC 60068-2-6 |
| shock resistance              | 20 gn (duration = 11 ms) for half sine wave acceleration conforming to IEC 60068-2-27        |
| electromagnetic compatibility | Electrostatic discharge immunity test 8 kV - test level conforming to IEC 61000-4-2          |

### Contractual warranty

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

## 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.)

### Panel Cut-Out and Mounting

#### Rectangular Head

