



## 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              | Yellow flush   |
| Contacts type and composition | 1 C/O  |
| Contact operation             | Snap action  |
| Connections - terminals       | Fast connector socket<br>Solder terminal, clamping connection $\leq 0.75 \text{ mm}^2$ / AWG 19 min<br>Insulated faston : 2.8 x 0.5 mm |
| Contacts material             | Gold-flashed silver  |
| Light source                  | Integral LED   |
| [Us] rated supply voltage     | 12 V DC polarised  |

## Complementary

|   |   |
|---|---|
| Product weight                              | 0.006 kg  |
| Operating position                          | Any position  |
| Marking                                     | CE  |
| Mechanical durability                       | 1000000 cycles  |
| Contact resistance                          | < 50 mOhm for 1/6 V   |
| Short-circuit protection                    | 2 A by gG cartridge fuse  |
| [Ith] conventional free air thermal current | 3 A with fast connector socket<br>5 A   |
| [Ie] rated operational current              | 1.5 A at 120 V, AC-12 conforming to EN/IEC 60947-5-1<br>1 A at 240 V, AC-12 conforming to EN/IEC 60947-5-1<br>1 A at 24 V, DC-12 conforming to EN/IEC 60947-5-1<br>0.7 A at 24 V, DC-13 conforming to EN/IEC 60947-5-1<br>0.2 A at 125 V, DC-12 conforming to EN/IEC 60947-5-1<br>0.15 A at 125 V, DC-13 conforming to EN/IEC 60947-5-1 |

|                       |   |
|-----------------------|---|
| Electrical durability | 100000 cycles AC, 0.7 A - 220 V conforming to EN/IEC 60947-5-1 appendix C |
| Signalling type       | Steady  |
| Current consumption   | 10 mA   |
| Service life          | 30000 h   |

## Environment

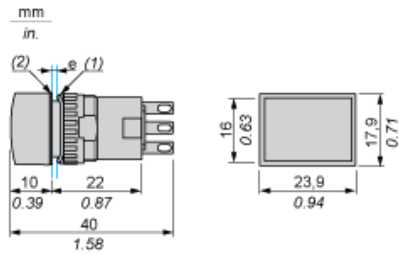
|                                       |   |
|---------------------------------------|---|
| Ambient air temperature for storage   | -40...70 °C   |
| Ambient air temperature for operation | -10...55 °C   |
| IP degree of protection               | IP65 conforming to IEC 60529  |
| Standards                             | IEC 60947-1<br>IEC 60947-5-1<br>JIS C 4520<br>JIS C 852<br>UL 508<br>CSA C22.2 No 14  |
| Product certifications                | CCC<br>cURus  |
| Vibration resistance                  | 1 mm (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 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.)

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Panel Cut-Out and Mounting

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Rectangular Head

