



Main

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| 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 | Orange flush |
| Contacts type and composition | 2 C/O |
| Contact operation | Snap action |
| Connections - terminals | Insulated faston, connection size: 2.8 x 0.5 mm Solder terminal, clamping capacity: <= 0.75 mm² AWG 19 Fast connector socket |
| Contacts material | Gold-flashed silver |
| Light source | Integral LED |
| [Us] rated supply voltage | 12 V DC polarised |

Complementary

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|---|---|
| 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) 5 A |
| [Ie] rated operational current | 1.5 A at 120 V, AC-12 conforming to EN/IEC 60947-5-1 1 A at 240 V, AC-12 conforming to EN/IEC 60947-5-1 1 A at 24 V, DC-12 conforming to EN/IEC 60947-5-1 0.7 A at 24 V, DC-13 conforming to EN/IEC 60947-5-1 0.2 A at 125 V, DC-12 conforming to EN/IEC 60947-5-1 0.15 A at 125 V, DC-13 conforming to EN/IEC 60947-5-1 |
| Electrical durability | 100000 cycles, AC, 0.7 A at 220 V conforming to EN/IEC 60947-5-1 appendix C |
| Signalling type | Steady |
| Current consumption | 10 mA |
| Service life | 30000 h |

Environment

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|---------------------------------------|---|
| 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 60947-5-1 CSA C22.2 No 14 IEC 60947-1 JIS C 852 JIS C 4520 UL 508 |
| Product certifications | CURus CCC |
| 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 |

Offer Sustainability

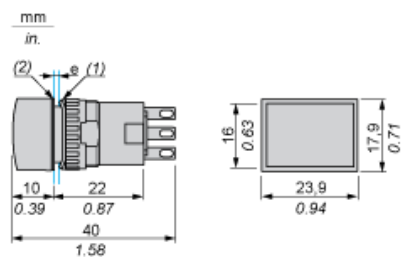
| | |
|----------------------------|---|
| Sustainable offer status | Green Premium product |
| EU RoHS Directive | Pro-active compliance (Product out of EU RoHS legal scope) EU RoHS Declaration |
| Mercury free | Yes |
| China RoHS Regulation | China RoHS Declaration |
| RoHS exemption information | Yes |
| 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

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| Warranty | 18 months |
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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

