



Main

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| Range of product | Harmony XB6E |
| Product or component type | Illuminated monolithic pushbutton |
| Device short name | XB6 |
| Bezel material | Plastic |
| Mounting diameter | 16 mm |
| Sale per indivisible quantity | 5 |
| Shape of signaling unit head | Round |
| Type of operator | Spring return |
| Operator profile | Red flush |
| Contacts operation | Snap action |
| Connections - terminals | Faston connectors: 2.8 x 0.5 mm Soldered connectors |
| Contacts material | Gold-flashed silver |
| Light source | Integral LED |
| [Us] rated supply voltage | 12 V |

Complementary

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| CAD overall width | 18 mm |
| CAD overall height | 18 mm |
| CAD overall depth | 40 mm |
| Terminals description ISO n°1 | (13-14-11-12)OF (23-24-21-22)OF |
| Product weight | 0.006 kg |
| Operating position | Any position |
| Marking | CE |
| Operating force | 1.3 N (C/O changing electrical state) |
| 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 | 100000 cycles DC-12, 1 A - 30 V conforming to IEC 60947-5-1 appendix C 100000 cycles AC-12, 0.5 A - 125 V conforming to IEC 60947-5-1 appendix C 100000 cycles AC-12, 0.5 A - 250 V conforming to IEC 60947-5-1 appendix C 100000 cycles DC-12, 0.2 A - 110 V conforming to IEC 60947-5-1 appendix C |
| Electrical reliability IEC 60947-5-4 | $\hat{I} \gg 10 \exp(-8)$ at 5 V and 1 mA with confidence level of 90 % conforming to IEC 60947-5-4 |
| Signalling type | Steady |
| Current consumption | 20 mA |
| Service life | 50000 h |

Environment

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| Ambient air temperature for storage | -40...55 °C |
| Ambient air temperature for operation | -25...55 °C |
| Class of protection against electric shock | Class II conforming to IEC 60536 |
| IP degree of protection | IP65 conforming to IEC 60529 |
| Standards | CSA C22-2 No 14 IEC 60947-1 IEC 60947-5-1 IEC 60947-5-5 JIS C 4520 JIS C 852 UL 508 |
| Product certifications | CSA UL |
| Vibration resistance | 1 mm (5 - 55 Hz) conforming to IEC 60068-2-6 9 gn (5 - 55 Hz) conforming to IEC 60068-2-6 |
| Shock resistance | 20 gn for 11 ms half sine wave acceleration conforming to IEC 60068-2-27 |
| Resistance to electrostatic discharge | 8 kV conforming to IEC 61000-4-2 |