

XB7NW37G1

Harmony XB7, Monolithic illuminated push button, plastic, clear, Ø22, integral LED, spring return, 110...120 V AC, 1 NO



Main

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| Range of Product | Harmony XB7 |
| Product or Component Type | Illuminated push-button |
| Device short name | XB7 |
| Mounting diameter | 0.87 in (22 mm) |
| Sale per indivisible quantity | 10 |
| IP degree of protection | IP20 IEC 60529 rear face) IP65 IEC 60529 front face) |
| Shape of signaling unit head | Round |
| Type of operator | Spring return |
| Operator profile | Clear projecting, unmarked |
| Contacts type and composition | 1 NO |
| Connections - terminals | Screw clamp terminals, $\leq 2 \times 1.5 \text{ mm}^2$ with cable end EN/IEC 60947-1 Screw clamp terminals, $1 \times 0.34 \dots 2 \times 2.5 \text{ mm}^2$ without cable end EN/IEC 60947-1 |
| Light source | LED |
| Bulb base | Integral LED |
| [Us] rated supply voltage | 120 V AC 50/60 Hz |
| Device presentation | Monolithic product |

Complementary

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| CAD overall width | 1.14 in (29 mm) |
| CAD overall height | 1.14 in (29 mm) |
| CAD overall depth | 2.26 in (57.5 mm) |
| Terminals description ISO n°1 | (13-14)NO |
| Net Weight | 0.05 lb(US) (0.023 kg) |
| Device mounting | Fixing hole 0.89 in (22.5 mm) 22.3 +0.4/0 EN/IEC 60947-1 |
| Fixing center | $\geq 30 \times 40 \text{ mm}$ support panel) metal 0.04...0.24 in (1...6 mm) $\geq 30 \times 40 \text{ mm}$ support panel) plastic 0.08...0.24 in (2...6 mm) |
| Fixing mode | Fixing nut beneath head 17.70...21.24 lbf.in (2...2.4 N.m) |
| Contact operation | Slow-break |
| Positive opening | With (only NO) |
| Mechanical durability | 300000 cycles |
| Tightening torque | 7.08...10.62 lbf.in (0.8...1.2 N.m) EN 60947-1 |
| Shape of screw head | Cross JIS No 1 Cross Philips no 1 Cross pozidriv No 1 Slotted flat Ø 4 mm Slotted flat Ø 5.5 mm |
| Short-circuit protection | 4 A cartridge fuse gG EN/IEC 60947-5-1 |
| [Ui] rated insulation voltage | 250 V 3)EN/IEC 60947-1 |
| [Uimp] rated impulse withstand voltage | 4 kV EN/IEC 60947-1 |
| [Ie] rated operational current | 0.1 A 250 V, DC-13, R300 EN/IEC 60947-5-1 0.22 A 125 V, DC-13, R300 EN/IEC 60947-5-1 0.3 A 240 V, AC-14, D300 EN/IEC 60947-5-1 0.6 A 120 V, AC-14, D300 EN/IEC 60947-5-1 |

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|------------------------|---|
| Electrical durability | 1000000 Cycles, DC-13, 0.3 A 24 V 216000 cyc/mn 0.5 EN/IEC 60947-5-1 appendix C 1000000 Cycles, AC-15, 0.03 A 230 V 216000 cyc/mn 0.5 EN/IEC 60947-5-1 appendix C 1000000 cycles, AC-15, 0.09 A 240 V 108000 cyc/mn 0.5 EN/IEC 60947-5-1 appendix C |
| Electrical reliability | $\Lambda \leq 10 \exp(-6)$ 17 V 5 mA EN/IEC 60947-5-4 |
| Signalling type | Steady |
| Supply voltage limits | 100...132 V AC |
| Current Consumption | 12...17 mA |
| Service life | 70000 h at rated voltage and 25 °C |

Environment

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|---------------------------------------|---|
| Protective treatment | TH |
| Ambient Air Temperature for Storage | -40...158 °F (-40...70 °C) |
| Ambient air temperature for operation | -13...158 °F (-25...70 °C) |
| Electrical shock protection class | Class II IEC 61140 |
| NEMA degree of protection | NEMA 12 UL 50 E |
| Standards | EN/IEC 60947-1 UL 508 JIS C8201-5-1 EN/IEC 60947-5-1 CSA C22.2 No 14 JIS C8201-1 |
| Product Certifications | GOST CCC |
| Vibration resistance | 5 gn 2...500 Hz)IEC 60068-2-6 |
| Shock resistance | 50 gn 11 ms) half sine wave acceleration IEC 60068-2-27 30 gn 18 ms) half sine wave acceleration |
| Electromagnetic emission | Class B EN 55011 |

Ordering and shipping details

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|-----------------------|-------------------------------|
| Category | 22464 - PUSHBUTTONS, XB7-22MM |
| Discount Schedule | CS2 |
| GTIN | 3606480470950 |
| Nbr. of units in pkg. | 1 |
| Package weight(Lbs) | 0.88 oz (25 g) |
| Returnability | No |
| Country of origin | ID |

Packing Units

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|------------------------------|------------------|
| Unit Type of Package 1 | PCE |
| Package 1 Height | 2.36 in (6 cm) |
| Package 1 width | 1.26 in (3.2 cm) |
| Package 1 Length | 1.26 in (3.2 cm) |
| Unit Type of Package 2 | S01 |
| Number of Units in Package 2 | 1 |
| Package 2 Weight | 8.82 oz (250 g) |
| Package 2 Height | 5.91 in (15 cm) |
| Package 2 width | 5.91 in (15 cm) |
| Package 2 Length | 15.75 in (40 cm) |
| Unit Type of Package 3 | BAG |
| Number of Units in Package 3 | 10 |
| Package 3 Weight | 8.82 oz (250 g) |
| Package 3 Height | 2.36 in (6 cm) |
| Package 3 width | 1.26 in (3.2 cm) |
| Package 3 Length | 1.26 in (3.2 cm) |

Offer Sustainability

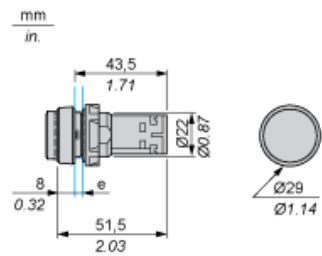
| | |
|----------------------------|---|
| California proposition 65 | WARNING: This product can expose you to chemicals including: Lead and lead compounds, which is known to the State of California to cause cancer and birth defects or other reproductive harm. For more information go to www.P65Warnings.ca.gov |
| REACH Regulation | REACH Declaration |
| EU RoHS Directive | Pro-active compliance (Product out of EU RoHS legal scope) EU RoHS Declaration |
| Mercury free | Yes |
| RoHS exemption information | Yes |
| China RoHS Regulation | China RoHS Declaration |
| 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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Illuminated Pushbutton

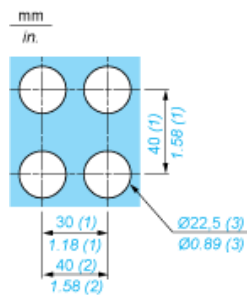
Dimensions



e Support panel thickness: 1 to 6 mm/0.4 to 0.24 in. (metal), 2 to 6 mm/0.8 to 0.24 in. (plastic).

Mounting

Diameter of Finished Fixing Holes



- (1) Minimum value.
- (2) 40 mm/1.58 in. for Emergency switching off pushbutton only.
- (3) Standard value: Ø 22.3 (0; + 0.4) mm/Ø 0.88 (0; + 0.02) in.

“U” Type Tag Connection



- (1) 6.5 mm/0.26 in. recommended, 7 mm/0.28 in. max.
- (2) M3 screw clamp terminal.

Wiring

