

Product availability: Non-Stock - Not normally stocked in distribution facility



Main

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| Range of product | Harmony XB7 |
| Product or component type | Push-button |
| Device short name | XB7 |
| Mounting diameter | 0.87 in (22 mm) |
| Sale per indivisible quantity | 10 |
| IP degree of protection | IP20 (rear face) conforming to IEC 60529 IP65 (front face) conforming to IEC 60529 |
| Shape of signaling unit head | Round |
| Type of operator | Spring return |
| Operator profile | White flush, black right arrow |
| Contacts type and composition | 1 NO |
| Connections - terminals | Screw clamp terminals: $\leq 2 \times 1.5 \text{ mm}^2$ with cable end conforming to EN/IEC 60947-1 Screw clamp terminals: $1 \times 0.34...2 \times 2.5 \text{ mm}^2$ without cable end conforming to EN/IEC 60947-1 |
| 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 | 2.03 in (51.5 mm) |
| Terminals description ISO n°1 | (13-14)NO |
| Product weight | 0.05 lb(US) (0.021 kg) |
| Device mounting | Fixing hole: $\varnothing 0.89$ in (22.5 mm) (22.3 +0.4/0) conforming to EN/IEC 60947-1 |
| Fixing center | $\geq 30 \times 40$ mm on support panel, metal, thickness: 0.04...0.24 in (1...6 mm) $\geq 30 \times 40$ mm on support panel, plastic, thickness: 0.08...0.24 in (2...6 mm) |
| Fixing mode | Fixing nut beneath head recommended torque: 2...2.4 N.m |
| Contact operation | Slow-break |
| Positive opening | With (only NO) positive opening |
| Mechanical durability | 1000000 cycles |
| Tightening torque | 7.08...10.62 lbf.in (0.8...1.2 N.m) conforming to EN 60947-1 |
| Shape of screw head | Cross head compatible with JIS No 1 screwdriver Cross head compatible with Philips no 1 screwdriver Cross head compatible with pozidriv No 1 screwdriver Slotted head compatible with flat $\varnothing 4$ mm screwdriver Slotted head compatible with flat $\varnothing 5.5$ mm screwdriver |
| Short-circuit protection | 4 A cartridge fuse type gG conforming to EN/IEC 60947-5-1 |
| [Ui] rated insulation voltage | 250 V (degree of pollution: 3) conforming to EN/IEC 60947-1 |
| [Uimp] rated impulse withstand voltage | 4 kV conforming to EN/IEC 60947-1 |
| [Ie] rated operational current | 0.1 A at 250 V, DC-13, R300 conforming to EN/IEC 60947-5-1 0.22 A at 125 V, DC-13, R300 conforming to EN/IEC 60947-5-1 0.3 A at 240 V, AC-14, D300 conforming to EN/IEC 60947-5-1 0.6 A at 120 V, AC-14, D300 conforming to EN/IEC 60947-5-1 |

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| Electrical durability | 1000000 cycles, DC-13, 0.3 A at 24 V, operating rate: 216000 cyc/mn, load factor: 0.5 conforming to EN/IEC 60947-5-1 appendix C 1000000 cycles, AC-15, 0.03 A at 230 V, operating rate: 216000 cyc/mn, load factor: 0.5 conforming to EN/IEC 60947-5-1 appendix C 1000000 cycles, AC-15, 0.09 A at 240 V, operating rate: 108000 cyc/mn, load factor: 0.5 conforming to EN/IEC 60947-5-1 appendix C |
| Electrical reliability | $\Lambda \leq 10\exp(-6)$ at 17 V, 5 mA conforming to EN/IEC 60947-5-4 |

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) |
| Overvoltage category | Class II conforming to IEC 61140 |
| NEMA degree of protection | NEMA 12 conforming to UL 50 E NEMA 3 conforming to UL 50 E |
| Standards | CSA C22.2 No 14 UL 508 EN/IEC 60947-5-1 EN/IEC 60947-1 JIS C 4520 |
| Product certifications | CCC GOST |
| Vibration resistance | 5 gn (f = 2...500 Hz) conforming to IEC 60068-2-6 |
| Shock resistance | 30 gn (duration = 18 ms) half sine wave acceleration conforming to IEC 60068-2-27 50 gn (duration = 11 ms) half sine wave acceleration conforming to IEC 60068-2-27 |

Ordering and shipping details

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| Category | 22464 - PUSHBUTTONS, XB7-22MM |
| Discount Schedule | CS2 |
| GTIN | 00785901536147 |
| Nbr. of units in pkg. | 10 |
| Package weight(Lbs) | 4.0000000000000001E-2 |
| Returnability | N |
| Country of origin | ID |

Offer Sustainability

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| RoHS (date code: YYWW) | Will not be compliant |
| California proposition 65 | WARNING: This product can expose you to chemicals including: |
| ----- Substance 1 | Nickel compounds, which is known to the State of California to cause cancer, and |
| ----- Substance 2 | Di-isodecyl phthalate (DIDP), which is known to the State of California to cause birth defects or other reproductive harm. |
| ----- More information | For more information go to www.p65warnings.ca.gov |

Contractual warranty

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| Warranty period | 18 months |
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