



Main

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| Range of product | Harmony XB7 |
| Product or component type | Monolithic pushbutton |
| Device short name | XB7 |
| Mounting diameter | 22 mm |
| Sale per indivisible quantity | 10 |
| IP degree of protection | IP54 (front face) conforming to IEC 60529 IP20 (rear face) conforming to IEC 60529 |
| Shape of signaling unit head | Round |
| Type of operator | Spring return |
| Operator profile | Black flush, white down arrow |
| Connections - terminals | Screw clamp terminals: 1 x 0.34...2 x 2.5 mm ² without cable end conforming to EN/IEC 60947-1 Screw clamp terminals: ≤ 2 x 1.5 mm ² with cable end conforming to EN/IEC 60947-1 |

Complementary

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| CAD overall width | 29 mm |
| CAD overall height | 29 mm |
| CAD overall depth | 52 mm |
| Product weight | 0.02 kg |
| Device mounting | Fixing hole: Ø 22.5 mm (22.3 +0.4/0) conforming to EN/IEC 60947-1 |
| Fixing center | >= 30 x 40 mm on support panel, plastic, thickness: 2...6 mm >= 30 x 40 mm on support panel, metal, thickness: 1...6 mm |
| Fixing mode | Fixing nut beneath head recommended torque: 2.2 N.m (+/- 0.2 N.m) |
| Contacts operation | Slow-break |
| Positive opening | Without positive opening |
| Mechanical durability | 1000000 cycles |
| Tightening torque | 0.8...1.2 N.m conforming to EN 60947-1 |
| Shape of screw head | Slotted head compatible with flat Ø 5.5 mm screwdriver Slotted head compatible with flat Ø 4 mm screwdriver Cross head compatible with pozidriv No 1 screwdriver Cross head compatible with Philips no 1 screwdriver Cross head compatible with JIS No 1 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 | 0.6 A at 120 V, AC-14, D300 conforming to EN/IEC 60947-5-1 0.3 A at 240 V, AC-14, D300 conforming to EN/IEC 60947-5-1 0.22 A at 125 V, DC-13, R300 conforming to EN/IEC 60947-5-1 0.1 A at 250 V, DC-13, R300 conforming to EN/IEC 60947-5-1 |
| Electrical reliability IEC 60947-5-4 | $\Lambda \leq 10 \exp(-6)$ 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...70 °C |
| Ambient air temperature for operation | -25...70 °C |
| Class of protection against electric shock | Class II conforming to IEC 60536 |
| NEMA degree of protection | NEMA 12 |

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|----------------------|---|
| Standards | EN/IEC 60947-1 EN/IEC 60947-5-1 JIS C 4520 UL 508 CSA C22.2 No 14 |
| Vibration resistance | 5 gn (f = 2...500 Hz) conforming to IEC 60068-2-6 |
| Shock resistance | 50 gn (duration = 11 ms) for half sine wave acceleration conforming to IEC 60068-2-27 |
