



Main

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| Range of product | Harmony XB5 |
| Type of operator | Spring return |
| Operator profile | Flush green unmarked |
| Contacts type and composition | 1 NO |
| Contacts operation | Slow-break |
| Connections - terminals | Screw clamp terminals 1 x 0.22...2 x 2.5 mm ² without cable end EN/IEC 60947-1 Screw clamp terminals ≤ 2 x 1.5 mm ² with cable end EN/IEC 60947-1 |
| Product or component type | Complete pushbutton |
| Device short name | XB5 |
| Bezel material | Plastic |
| Fixing collar material | Plastic |
| Mounting diameter | 22 mm |
| Sale per indivisible quantity | 1 |
| Shape of signaling unit head | Round |

Complementary

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| Product weight | 0,037 kg |
| Positive opening | Without |
| Operating travel | 2,6 mm NO changing electrical state 4,3 mm total travel |
| Operating force | 3,8 N NO changing electrical state |
| Mechanical durability | 5000000 cycles |
| Tightening torque | 0,8...1,2 N.m EN 60947-1 |
| Shape of screw head | Cross pozidriv No 1 Cross Philips no 1 Slotted flat Ø 4 mm Slotted flat Ø 5.5 mm |
| Contacts material | Silver alloy (Ag/Ni) |
| Short circuit protection | 10 A cartridge fuse gG EN/IEC 60947-5-1 |
| [I _{th}] conventional free air thermal current | 10 A EN/IEC 60947-5-1 |
| [U _i] rated insulation voltage | 600 V 3 EN/IEC 60947-1 |
| Resistance to high pressure washer | 7000000 Pa 55 °C 0.1 m |
| [U _{imp}] rated impulse withstand voltage | 6 kV EN/IEC 60947-1 |
| [I _e] rated operational current | 0,1 A 600 V DC-13 Q600 EN/IEC 60947-5-1 3 A 240 V AC-15 A600 EN/IEC 60947-5-1 6 A 120 V AC-15 A600 EN/IEC 60947-5-1 1,2 A 600 V AC-15 A600 EN/IEC 60947-5-1 0,27 A 250 V DC-13 Q600 EN/IEC 60947-5-1 0,55 A 125 V DC-13 Q600 EN/IEC 60947-5-1 |
| Electrical durability | 1000000 cycles AC-15 4 A 24 V 3600 cyc/h 0,5 EN/IEC 60947-5-1 appendix C 1000000 cycles AC-15 3 A 120 V 3600 cyc/h 0,5 EN/IEC 60947-5-1 appendix C 1000000 cycles AC-15 2 A 230 V 3600 cyc/h 0,5 EN/IEC 60947-5-1 appendix C 1000000 cycles DC-13 0,5 A 24 V 3600 cyc/h 0,5 EN/IEC 60947-5-1 appendix C 1000000 cycles DC-13 0,2 A 110 V 3600 cyc/h 0,5 EN/IEC 60947-5-1 appendix C |
| Electrical reliability IEC 60947-5-4 | Λ < 10exp(-6) 5 V 1 mA in clean environment EN/IEC 60947-5-4 Λ < 10exp(-8) 17 V 5 mA in clean environment EN/IEC 60947-5-4 |

Environment

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| IP degree of protection | IP66 IEC 60529 |
| Vibration resistance | 5 gn 2...500 Hz IEC 60068-2-6 |
| Shock resistance | 30 gn 18 ms half sine wave acceleration IEC 60068-2-27 50 gn 11 ms half sine wave acceleration IEC 60068-2-27 |
| 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 IEC 60536 |
| NEMA degree of protection | NEMA 13 NEMA 4X |
| IK degree of protection | IK03 IEC 50102 |
| Standards | CSA C22-2 No 14 EN/IEC 60947-1 EN/IEC 60947-5-1 EN/IEC 60947-5-4 EN/IEC 60947-5-5 JIS C 4520 UL 508 |
| Product certifications | BV CSA DNV (Det Norske Veritas) GL LROS (Lloyds register of shipping) RINA UL listed |
| RoHS EUR conformity date | 0727 |
| RoHS EUR status | Compliant |