

Product data sheet

Characteristics

XB5AC21

black Ø40 mushroom pushbutton head Ø22
spring return 1NO

Product availability: Stock - Normally stocked in distribution facility

Price*: 56.00 USD



Main

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| Commercial Status | Commercialised |
| Range of product | Harmony XB5 |
| Product or component type | Complete pushbutton |
| Device short name | XB5 |
| Bezel material | Plastic |
| Fixing collar material | Plastic |
| Mounting diameter | 0.87 in (22 mm) |
| Sale per indivisible quantity | 1 |
| Shape of signaling unit head | Round |
| Type of operator | Spring return |
| Operator profile | Black mushroom Ø 40 mm |
| 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 conforming to EN/IEC 60947-1 Screw clamp terminals: ≤ 2 x 1.5 mm ² with cable end conforming to EN/IEC 60947-1 Faston connectors(2 x 2.8 mm) Faston connectors(1 x 6.35 mm) |

Complementary

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| Height | 1.69 in (43 mm) |
| Width | 1.57 in (40 mm) |
| Depth | 3.23 in (82 mm) |
| Product weight | 0.14 lb(US) (0.062 kg) |
| Resistance to high pressure washer | 1015.26 psi (7000000 Pa) at 131 °F (55 °C),distance: 0.1 m |
| Contacts usage | Standard contacts |
| Positive opening | Without positive opening |
| Operating travel | 0.17 in (4.3 mm) (total travel) 0.1 in (2.6 mm) (NO changing electrical state) 0.06 in (1.5 mm) (NC changing electrical state) |
| Operating force | 3.8 N (NO changing electrical state) 3.5 N (NC changing electrical state) |
| Mechanical durability | 5000000 cycles |
| Tightening torque | 7.08...10.62 lbf.in (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 |
| Contacts material | Silver alloy (Ag/Ni) |
| Short circuit protection | 10 A cartridge fuse type gG conforming to EN/IEC 60947-5-1 |
| [I _{th}] conventional free air thermal current | 10 A conforming to EN/IEC 60947-5-1 |
| [U _i] rated insulation voltage | 600 V (degree of pollution: 3) conforming to EN/IEC 60947-1 |
| [U _{imp}] rated impulse withstand voltage | 6 kV conforming to EN/IEC 60947-1 |

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| [Ie] rated operational current | 1.2 A at 600 V, AC-15, A600 conforming to EN/IEC 60947-5-1 0.55 A at 125 V, DC-13, Q600 conforming to EN/IEC 60947-5-1 0.27 A at 250 V, DC-13, Q600 conforming to EN/IEC 60947-5-1 0.1 A at 600 V, DC-13, Q600 conforming to EN/IEC 60947-5-1 6 A at 120 V, AC-15, A600 conforming to EN/IEC 60947-5-1 3 A at 240 V, AC-15, A600 conforming to EN/IEC 60947-5-1 |
| Electrical durability | 1000000 cycles, DC-13, 0.5 A at 24 V, operating rate: 3600 cyc/h, load factor: 0.5 conforming to EN/IEC 60947-5-1 appendix C 1000000 cycles, DC-13, 0.2 A at 110 V, operating rate: 3600 cyc/h, load factor: 0.5 conforming to EN/IEC 60947-5-1 appendix C 1000000 cycles, AC-15, 4 A at 24 V, operating rate: 3600 cyc/h, load factor: 0.5 conforming to EN/IEC 60947-5-1 appendix C 1000000 cycles, AC-15, 3 A at 120 V, operating rate: 3600 cyc/h, load factor: 0.5 conforming to EN/IEC 60947-5-1 appendix C 1000000 cycles, AC-15, 2 A at 230 V, operating rate: 3600 cyc/h, load factor: 0.5 conforming to EN/IEC 60947-5-1 appendix C |
| Electrical reliability IEC 60947-5-4 | $\Lambda < 10\exp(-8)$ at 17 V, 5 mA in clean environment conforming to EN/IEC 60947-5-4 $\Lambda < 10\exp(-6)$ at 5 V, 1 mA in clean environment 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) |
| Class of protection against electric shock | Class II conforming to IEC 60536 |
| IP degree of protection | IP65 conforming to IEC 60529 |
| NEMA degree of protection | NEMA 4X NEMA 13 |
| IK degree of protection | IK03 conforming to IEC 50102 |
| Standards | EN/IEC 60947-1 EN/IEC 60947-5-1 EN/IEC 60947-5-4 JIS C 4520 UL 508 CSA C22.2 No 14 |
| Product certifications | BV CSA DNV GL LROS (Lloyds register of shipping) RINA UL listed |
| Vibration resistance | 5 gn (f = 2...500 Hz) conforming to IEC 60068-2-6 |
| Shock resistance | 10 gn for 11 ms half sine wave acceleration conforming to IEC 60068-2-27 |

Ordering and shipping details

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| Category | 22467 - PUSHBUTTONS,22MM(PLASTIC) NEW |
| Discount Schedule | CS2 |
| GTIN | 00785901383642 |
| Nbr. of units in pkg. | 1 |
| Package weight(Lbs) | 0.14 |
| Product availability | Stock - Normally stocked in distribution facility |
| Returnability | Y |
| Country of origin | CZ |

Contractual warranty

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| Period | 18 months |
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