

XB4BL45

Push button, Harmony XB4, complete pushbutton Ø22 mm, 1 NO + 1 NC, spring return



Main

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| Range of Product | Harmony XB4 |
| Product or Component Type | Push-button |
| Device short name | XB4 |
| Bezel material | Chromium plated metal |
| Fixing collar material | Zamak |
| 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 | flush |
| Head type | Standard |
| Contact operation | Slow-break |
| Connections - terminals | Screw clamp terminals, $\leq 2 \times 1.5 \text{ mm}^2$ with cable end EN/IEC 60947-1 Screw clamp terminals, $1 \times 0.22 \dots 2 \times 2.5 \text{ mm}^2$ without cable end EN/IEC 60947-1 |

Complementary

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| Height | 1.85 in (47 mm) |
| Width | 1.18 in (30 mm) |
| Depth | 2.05 in (52 mm) |
| Terminals description ISO n°1 | (13-14)NO |
| Net Weight | 0.18 lb(US) (0.08 kg) |
| Resistance to high pressure washer | 1015.26 psi (7000000 Pa) 131 °F (55 °C) 0.1 m |
| Contacts usage | Standard contacts |
| Positive opening | Without |
| Operating travel | 0.10 in (2.6 mm) NO changing electrical state) 0.17 in (4.3 mm) total travel) |
| Operating force | 3.8 N NO changing electrical state |
| Mechanical durability | 10000000 cycles |
| Tightening torque | 7.08...10.62 lbf.in (0.8...1.2 N.m) EN 60947-1 |
| Shape of screw head | Cross Philips no 1 Cross pozidriv 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 |
| [U _{imp}] rated impulse withstand voltage | 6 kV EN/IEC 60947-1 |
| [I _e] rated operational current | 3 A 240 V, AC-15, A600 EN/IEC 60947-5-1 6 A 120 V, AC-15, A600 EN/IEC 60947-5-1 0.1 A 600 V, DC-13, Q600 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 1.2 A 600 V, AC-15, A600 EN/IEC 60947-5-1 |

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| Electrical durability | 1000000 Cycles, AC-15, 2 A 230 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, 4 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 1000000 cycles, DC-13, 0.5 A 24 V 3600 cyc/h 0.5 EN/IEC 60947-5-1 appendix C |
| Electrical reliability | $\Lambda < 10\text{exp}(-6)$ 5 V 1 mA in clean environment EN/IEC 60947-5-4 $\Lambda < 10\text{exp}(-8)$ 17 V 5 mA in clean environment EN/IEC 60947-5-4 |
| Device presentation | Complete product |

Environment

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| Protective treatment | TH |
| Ambient Air Temperature for Storage | -40...158 °F (-40...70 °C) |
| Ambient air temperature for operation | -40...158 °F (-40...70 °C) |
| Overvoltage category | Class I IEC 60536 |
| IP degree of protection | IP66 IEC 60529 IP67 IEC 60529 IP69 IEC 60529 IP69K IEC 60529 |
| NEMA degree of protection | NEMA 13 NEMA 4X |
| IK degree of protection | IK06 IEC 50102 |
| Standards | EN/IEC 60947-5-4 JIS C8201-5-1 CSA C22.2 No 14 EN/IEC 60947-5-1 EN/IEC 60947-1 UL 508 EN/IEC 60947-5-5 JIS C8201-1 |
| Product Certifications | UL Listed GL LROS (Lloyds register of shipping) CSA DNV BV |
| 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 |

Ordering and shipping details

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| Category | 22468 - PUSHBUTTONS,22MM(METAL) NEW |
| Discount Schedule | CS2 |
| GTIN | 3606480502354 |
| Nbr. of units in pkg. | 1 |
| Package weight(Lbs) | 3.25 oz (92 g) |
| Returnability | Yes |
| Country of origin | FR |

Packing Units

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|------------------------|------------------|
| Unit Type of Package 1 | PCE |
| Package 1 Height | 2.28 in (5.8 cm) |
| Package 1 width | 1.26 in (3.2 cm) |
| Package 1 Length | 1.89 in (4.8 cm) |

Offer Sustainability

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| Sustainable offer status | Green Premium product |
| California proposition 65 | WARNING: This product can expose you to chemicals including: Di-isodecyl phthalate (DIDP), which is known to the State of California to cause birth defects or other reproductive harm. For more information go to www.P65Warnings.ca.gov |
| REACH Regulation | REACH Declaration |
| REACH free of SVHC | Yes |
| EU RoHS Directive | Pro-active compliance (Product out of EU RoHS legal scope) EU RoHS Declaration |
| Toxic heavy metal free | Yes |
| Mercury free | Yes |
| RoHS exemption information | Yes |
| China RoHS Regulation | China RoHS Declaration |
| Environmental Disclosure | Product Environmental Profile |
| Circularity Profile | End Of Life Information |
| 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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