

XB6CF3B1B

green square flush complete illum pushbutton Ø16
latching 1NO 12...24V



Main

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|-------------------------------|----------------------------------|
| Range of product | Harmony XB6 |
| Product or component type | Complete illuminated push-button |
| Device short name | XB6 |
| Bezel material | Plastic |
| Mounting diameter | 16 mm |
| Sale per indivisible quantity | 1 |
| Shape of signaling unit head | Square |
| Type of operator | Latching |
| Operator profile | Green flush unmarked |
| Contacts type and composition | 1 NO |
| Contact operation | Slow-break |
| Connections - terminals | Faston connectors (2.8 x 0.5 mm) |
| Light source | LED |
| Bulb base | Integral LED |
| [Us] rated supply voltage | 12...24 V AC/DC |

Complementary

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| Height | 18 mm |
| Width | 18 mm |
| Depth | 57 mm |
| Terminals description ISO n°1 | (13-14)NO |
| Product weight | 0.022 kg |
| Operating position | Any position |
| Positive opening | With positive opening conforming to EN/IEC 60947-5-1 appendix K |
| Operating travel | 1 mm (NO changing electrical state) 3.5 mm (total travel) |
| Operating force | 3.5 N (NO changing electrical state) |
| Contacts material | Silver alloy (Ag/Ni) |
| Short-circuit protection | 6 A cartridge fuse type gG |
| [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 | 3 A at 120 V, AC-15, B300 conforming to EN/IEC 60947-5-1 1.5 A at 240 V, AC-15, B300 conforming to EN/IEC 60947-5-1 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 |
| Electrical durability | 1000000 cycles, AC-15 at 230 V, operating rate: 3600 cyc/h, load factor: 0.5 conforming to EN/IEC 60947-5-1 appendix C 1000000 cycles, DC-13 at 230 V, operating rate: 3600 cyc/h, load factor: 0.5 conforming to EN/IEC 60947-5-1 appendix C |
| Electrical reliability | $\Lambda = 10\exp(-8)$ at 5 V, 1 mA with confidence level of 90 % conforming to IEC 60947-5-4 |
| Signalling type | Steady |
| Supply voltage limits | 6...30 V AC/DC |
| Current consumption | 15 mA |
| Surge withstand | Direct contact 1 kV conforming to IEC 61000-4-5 In free air 2 kV conforming to IEC 61000-4-5 |

Environment

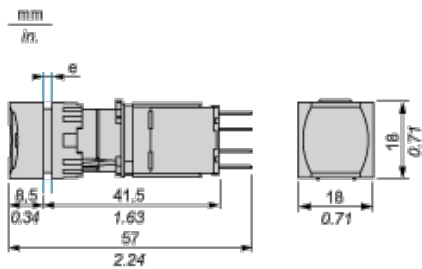
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| protective treatment | TC |
| ambient air temperature for storage | -40...70 °C |

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| ambient air temperature for operation | -25...70 °C |
| electrical shock protection class | Class II conforming to IEC 61140 |
| IP degree of protection | IP65 conforming to IEC 60529 |
| NEMA degree of protection | NEMA 13 conforming to UL 50 NEMA 4 conforming to UL 50 NEMA 4X conforming to UL 50 NEMA 4 conforming to CSA C22.2 No 94 NEMA 13 conforming to CSA C22.2 No 94 NEMA 4X conforming to CSA C22.2 No 94 |
| standards | EN/IEC 60947-1 EN/IEC 60947-5-1 EN/IEC 60947-5-5 JIS C 4520 JIS C 852 UL 508 CSA C22.2 No 14 |
| product certifications | CCC CSA GOST UL |
| vibration resistance | +/- 3 mm (f = 2...500 Hz) conforming to IEC 60068-2-6 5 gn (f = 2...500 Hz) conforming to IEC 60068-2-6 |
| shock resistance | 30 gn (duration = 18 ms) for half sine wave acceleration conforming to IEC 60068-2-27 50 gn (duration = 11 ms) for half sine wave acceleration conforming to IEC 60068-2-27 |
| resistance to fast transients | 2 kV conforming to IEC 61000-4-4 |
| resistance to electromagnetic fields | 10 V/m conforming to IEC 61000-4-3 |
| resistance to electrostatic discharge | 6 kV on contact (on metal parts) conforming to IEC 61000-4-2 8 kV in free air (in insulating parts) conforming to IEC 61000-4-2 |
| electromagnetic emission | Class B conforming to IEC 55011 |

Square Head Pushbutton

Dimensions



e panel thickness 1 to 6 mm/0.03 to 0.23 in.

Panel Cut-out

For Square or Circular Head

