

XB6ECA61P

square blue pushbutton Ø 16 - flush spring return - 1OC



Main

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|-------------------------------|---|
| Range of product | Harmony XB6E |
| Product or component type | Monolithic push-button |
| Device short name | XB6E |
| Bezel material | Plastic |
| Mounting diameter | 16 mm |
| Sale per indivisible quantity | 5 |
| Shape of signaling unit head | Square |
| Type of operator | Spring return |
| Operator profile | Blue flush |
| Contacts type and composition | 1 C/O |
| Contact operation | Snap action |
| Connections - terminals | Fast connector socket Solder terminal, clamping connection <= 0.75 mm ² / AWG 19 min Insulated faston : 2.8 x 0.5 mm |
| Contacts material | Gold-flashed silver |

Complementary

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|--|---|
| Product weight | 0.006 kg |
| Overvoltage category | II conforming to IEC 60536 |
| Operating position | Any position |
| Marking | CE |
| Mechanical durability | 1000000 cycles |
| Tightening torque | 0.6...1 N.m |
| Contact resistance | < 50 mOhm for 1/6 V |
| Short-circuit protection | 2 A by gG cartridge fuse |
| [I _{th}] conventional free air thermal current | 5 A 3 A with fast connector socket |
| [I _e] rated operational current | 1.5 A at 120 V, AC-12 conforming to EN/IEC 60947-5-1 1 A at 240 V, AC-12 conforming to EN/IEC 60947-5-1 0.7 A at 240 V, AC-13 conforming to EN/IEC 60947-5-1 1 A at 120 V, AC-13 conforming to EN/IEC 60947-5-1 1 A at 24 V, DC-12 conforming to EN/IEC 60947-5-1 0.7 A at 24 V, DC-13 conforming to EN/IEC 60947-5-1 0.2 A at 125 V, DC-12 conforming to EN/IEC 60947-5-1 0.15 A at 125 V, DC-13 conforming to EN/IEC 60947-5-1 |
| Electrical durability | 100000 cycles AC, 0.7 A - 220 V conforming to EN/IEC 60947-5-1 appendix C |

Environment

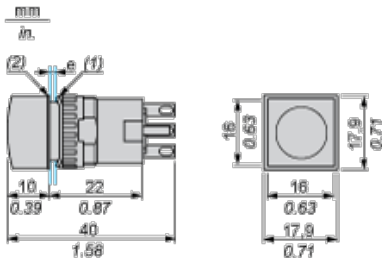
| | |
|---------------------------------------|--|
| ambient air temperature for storage | -40...70 °C |
| ambient air temperature for operation | -10...55 °C |
| IP degree of protection | IP65 conforming to IEC 60529 |
| standards | IEC 60947-1 IEC 60947-5-1 JIS C 4520 JIS C 852 UL 508 CSA C22.2 No 14 |
| product certifications | CCC CURus |
| vibration resistance | 1 mm (10...55 Hz) conforming to IEC 60068-2-6 |
| shock resistance | 10 gn (duration = 11 ms) for half sine wave acceleration conforming to IEC 60068-2- |

Contractual warranty

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|-----------------|-----------|
| Warranty period | 18 months |
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Pushbutton

Square Head



- (1) Anti-rotation plate (thickness: 0.6 mm / 0.02 in.)
- (2) Seal (thickness: 0.5 mm / 0.01 in.)
- e panel thickness: 0.5 mm (0.01 in.) ≤ e ≤ 6 mm (0.24 in.)

Panel Cut-Out and Mounting

Circular or Square Head

