

XB6ECA21P

Monolithic push button, Harmony XB6E, square black flush, 16mm, spring return, 1CO



Main

| | |
|-------------------------------|---|
| 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 | Black flush |
| Contacts type and composition | 1 C/O |
| Contact operation | Snap action |
| Connections - terminals | Insulated faston, connection size: 2.8 x 0.5 mm Solder terminal, clamping capacity: <= 0.75 mm² AWG 19 Fast connector socket |
| Contacts material | Gold-flashed silver |

Complementary

| | |
|--|---|
| Net 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 at 1/6 V |
| Short-circuit protection | 2 A cartridge fuse type gG |
| [I _{th}] conventional free air thermal current | 3 A (fast connector socket) 5 A |
| [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 at 220 V conforming to EN/IEC 60947-5-1 appendix C |

The information provided in this documentation contains general descriptions and/or technical characteristics of the products contained herein. This documentation is not intended as a substitute for and is not to be used for determining suitability or reliability of these products for specific user applications. It is the duty of any such user or integrator to perform the appropriate and complete risk analysis, evaluation and testing of the products with respect to the relevant specific application or use thereof. Neither Schneider Electric Industries SAS nor any of its affiliates or subsidiaries shall be responsible or liable for misuse of the information contained herein.





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 | UL 508 IEC 60947-5-1 IEC 60947-1 CSA C22.2 No 14 JIS C 4520 JIS C 852 |
| Product certifications | cURus[RETURN]CCC |
| Vibration resistance | 1 mm (f= 10...55 Hz) conforming to IEC 60068-2-6 |
| Shock resistance | 10 gn (duration = 11 ms) for half sine wave acceleration conforming to IEC 60068-2-27 |

Packing Units

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|------------------------------|-----------|
| Unit Type of Package 1 | PCE |
| Number of Units in Package 1 | 1 |
| Package 1 Height | 2.500 cm |
| Package 1 Width | 4.000 cm |
| Package 1 Length | 9.000 cm |
| Package 1 Weight | 11.000 g |
| Unit Type of Package 2 | BB1 |
| Number of Units in Package 2 | 5 |
| Package 2 Height | 3.500 cm |
| Package 2 Width | 9.000 cm |
| Package 2 Length | 18.500 cm |
| Package 2 Weight | 61.000 g |
| Unit Type of Package 3 | S01 |
| Number of Units in Package 3 | 50 |
| Package 3 Height | 15.000 cm |
| Package 3 Width | 15.000 cm |
| Package 3 Length | 40.000 cm |
| Package 3 Weight | 757.000 g |

Offer Sustainability

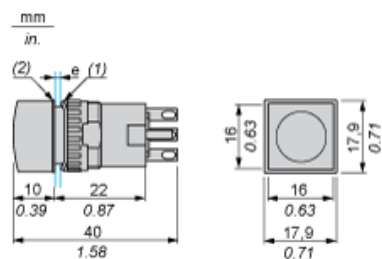
| | |
|----------------------------|--|
| Sustainable offer status | Green Premium product |
| REACH Regulation |  REACH Declaration |
| REACH free of SVHC | Yes |
| EU RoHS Directive | Pro-active compliance (Product out of EU RoHS legal scope)  EU RoHS Declaration |
| Toxic heavy metal free | Yes |
| Mercury free | Yes |
| China RoHS Regulation |  China RoHS Declaration |
| RoHS exemption information |  Yes |
| 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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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

