

XB6CA42B

Complete push button, Harmony XB6, red square flush pushbutton Ø 16 spring return 1NC unmarked



Main

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|-------------------------------|--------------------------------|
| Range of Product | Harmony XB6 |
| Product or Component Type | Complete push-button |
| Device short name | XB6 |
| Bezel material | Plastic |
| Mounting diameter | 0.63 in (16 mm) |
| Sale per indivisible quantity | 1 |
| Shape of signaling unit head | Square |
| Type of operator | Spring return |
| Operator profile | Red flush, unmarked |
| Contacts type and composition | 1 NC |
| Contact operation | Slow-break |
| Connections - terminals | Faston connectors 2.8 x 0.5 mm |

Complementary

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|--|---|
| CAD overall width | 0.71 in (18 mm) |
| CAD overall height | 0.71 in (18 mm) |
| CAD overall depth | 2.24 in (57 mm) |
| Terminals description ISO n°1 | (21-22)NC |
| Net Weight | 0.04 lb(US) (0.019 kg) |
| Operating position | Any position |
| Positive opening | With EN/IEC 60947-5-1 appendix K |
| Operating travel | 0.08 in (2 mm) NC changing electrical state) 0.14 in (3.5 mm) total travel) |
| Operating force | 4.5 N NC changing electrical state |
| Mechanical durability | 2000000 cycles |
| Contacts material | Silver alloy (Ag/Ni) |
| Short-circuit protection | 6 A cartridge fuse gG |
| [Ui] rated insulation voltage | 250 V 3)EN/IEC 60947-1 |
| [Uimp] rated impulse withstand voltage | 4 kV EN/IEC 60947-1 |
| [Ie] rated operational current | 3 A 120 V, AC-15, B300 EN/IEC 60947-5-1 1.5 A 240 V, AC-15, B300 EN/IEC 60947-5-1 0.1 A 250 V, DC-13, R300 EN/IEC 60947-5-1 0.22 A 125 V, DC-13, R300 EN/IEC 60947-5-1 |
| Electrical durability | 1000000 Cycles, AC-15 230 V 3600 cyc/h 0.5 EN/IEC 60947-5-1 appendix C 1000000 cycles, DC-13 230 V 3600 cyc/h 0.5 EN/IEC 60947-5-1 appendix C |
| Electrical reliability | $\Lambda = 10\exp(-8)$ 5 V 1 mA with confidence level of 90 % IEC 60947-5-4 |

Environment

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|---------------------------------------|----------------------------|
| Protective treatment | TC |
| Ambient Air Temperature for Storage | -40...158 °F (-40...70 °C) |
| Ambient air temperature for operation | -13...158 °F (-25...70 °C) |
| Electrical shock protection class | Class II IEC 61140 |
| IP degree of protection | IP65 IEC 60529 |

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|---------------------------|--|
| NEMA degree of protection | NEMA 13 UL 50 NEMA 4 UL 50 NEMA 4X UL 50 NEMA 13 CSA C22.2 No 94 NEMA 4 CSA C22.2 No 94 NEMA 4X CSA C22.2 No 94 |
| Standards | EN/IEC 60947-1 JIS C 4520 EN/IEC 60947-5-1 EN/IEC 60947-5-5 JIS C 852 UL 508 CSA C22.2 No 14 |
| Product Certifications | CSA CCC UL GOST |
| Vibration resistance | +/- 3 mm 2...500 Hz)IEC 60068-2-6 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 | 22459-PUSHBUTTONS, 16MM |
| Discount Schedule | CS2 |
| GTIN | 3389110764321 |
| Nbr. of units in pkg. | 1 |
| Package weight(Lbs) | 0.46 oz (13 g) |
| Returnability | No |
| Country of origin | MX |

Packing Units

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|------------------------------|------------------|
| Unit Type of Package 1 | PCE |
| Package 1 Height | 0.79 in (2 cm) |
| Package 1 width | 3.94 in (10 cm) |
| Package 1 Length | 3.94 in (10 cm) |
| Unit Type of Package 2 | S01 |
| Number of Units in Package 2 | 60 |
| Package 2 Weight | 34.43 oz (976 g) |
| Package 2 Height | 5.91 in (15 cm) |
| Package 2 width | 5.91 in (15 cm) |
| Package 2 Length | 15.75 in (40 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.

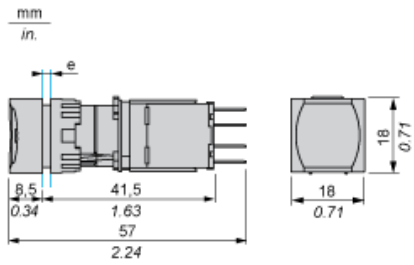
Contractual warranty

Warranty

18 months

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

