

# XB6CF1B5B

white square flush complete illum pushbutton Ø16  
latching 1NO+1NC 12...24V

Product availability: Non-Stock - Not normally stocked in distribution facility  
Price\*: 52.40 USD



## Main

|                               |                                 |
|-------------------------------|---------------------------------|
| Commercial Status             | Commercialised                  |
| Range of product              | Harmony XB6                     |
| Product or component type     | Complete illuminated pushbutton |
| 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              | Latching                        |
| Operator profile              | White flush unmarked            |
| Contacts type and composition | 1 NO + 1 NC                     |
| Contacts 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

|  |   |
|--|---|
| Height                                 | 0.71 in (18 mm)   |
| Width                                  | 0.71 in (18 mm)   |
| Depth                                  | 2.24 in (57 mm)   |
| Terminals description ISO n°1          | (13-14)NO<br>(21-22)NC  |
| Product weight                         | 0.06 lb(US) (0.025 kg)  |
| Operating position                     | Any position  |
| Positive opening                       | With positive opening conforming to EN/IEC 60947-5-1 appendix K   |
| Operating travel                       | 0.14 in (3.5 mm) (total travel)<br>0.08 in (2 mm) (NC changing electrical state)<br>0.04 in (1 mm) (NO changing electrical state)   |
| Operating force                        | 4.5 N (NC changing electrical state)<br>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         | 0.22 A at 125 V, DC-13, R300 conforming to EN/IEC 60947-5-1<br>0.1 A at 250 V, DC-13, R300 conforming to EN/IEC 60947-5-1<br>1.5 A at 240 V, AC-15, B300 conforming to EN/IEC 60947-5-1<br>3 A at 120 V, AC-15, B300 conforming to EN/IEC 60947-5-1 |
| Electrical durability                  | 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<br>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    |

|                                      |   |
|--------------------------------------|---|
| Electrical reliability IEC 60947-5-4 | $\Lambda = 10\exp(-8)$ 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                      | 2 kV in free air conforming to IEC 61000-4-5<br>1 kV direct contact conforming to IEC 61000-4-5 |

## Environment

|  |  |
|--|--|
| 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)   |
| Class of protection against electric shock | Class II   |
| IP degree of protection                    | IP65 conforming to IEC 60529   |
| NEMA degree of protection                  | NEMA 4X conforming to CSA C22.2 No 94<br>NEMA 4 conforming to CSA C22.2 No 94<br>NEMA 13 conforming to CSA C22.2 No 94<br>NEMA 4X conforming to UL 50<br>NEMA 4 conforming to UL 50<br>NEMA 13 conforming to UL 50 |
| Standards                                  | EN/IEC 60947-1<br>EN/IEC 60947-5-1<br>EN/IEC 60947-5-5<br>JIS C 4520<br>JIS C 852<br>UL 508<br>CSA C22.2 No 14   |
| Product certifications                     | CCC<br>CSA<br>GOST<br>UL   |
| Vibration resistance                       | 5 gn (f = 2...500 Hz) conforming to IEC 60068-2-6<br>+/- 3 mm (f = 2...500 Hz) conforming to IEC 60068-2-6   |
| Shock resistance                           | 50 gn for 11 ms half sine wave acceleration conforming to IEC 60068-2-27<br>30 gn for 18 ms 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       | 9.14 V/yd (10 V/m) conforming to IEC 61000-4-3   |
| Resistance to electrostatic discharge      | 8 kV in free air (in insulating parts) conforming to IEC 61000-4-2<br>6 kV on contact (on metal parts) conforming to IEC 61000-4-2   |
| Electromagnetic emission                   | Class B conforming to IEC 55011  |

## Ordering and shipping details

|                       |   |
|-----------------------|---|
| Category              | 22459 - PUSHBUTTONS, 16MM                                 |
| Discount Schedule     | CS2   |
| GTIN                  | 00785901356950  |
| Nbr. of units in pkg. | 1   |
| Package weight(Lbs)   | 0.20  |
| Product availability  | Non-Stock - Not normally stocked in distribution facility |
| Returnability         | N   |
| Country of origin     | MX  |

## Contractual warranty

|        |           |
|--------|-----------|
| Period | 18 months |
|--------|-----------|