

# XB6AW1B5B

white flush complete illum pushbutton Ø16  
spring return 1NO+1NC 12...24V



## Main

|                               |                                                  |
|-------------------------------|--------------------------------------------------|
| Range of product              | Harmony XB6                                      |
| Product or component type     | Complete illuminated 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  | Round                                            |
| Type of operator              | Spring return                                    |
| Operator profile              | White flush, unmarked                            |
| Contacts type and composition | 1 NO + 1 NC                                      |
| Contact operation             | Slow-break                                       |
| Connections - terminals       | Faston connectors, connection size: 2.8 x 0.5 mm |
| Light source                  | LED                                              |
| Bulb base                     | Integral LED                                     |
| [Us] rated supply voltage     | 12...24 V AC/DC                                  |

## Complementary

|                                        |                                                                                                                                                                                                                   |
|----------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 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          | (13-14)NO<br>(21-22)NC                                                                                                                                                                                            |
| Net Weight                             | 0.06 lb(US) (0.025 kg)                                                                                                                                                                                            |
| Operating position                     | Any position                                                                                                                                                                                                      |
| Positive opening                       | With EN/IEC 60947-5-1 appendix K                                                                                                                                                                                  |
| Operating travel                       | 0.04 in (1 mm) NO changing electrical state)<br>0.08 in (2 mm) NC changing electrical state)<br>0.14 in (3.5 mm) total travel)                                                                                    |
| Operating force                        | 3.5 N NO changing electrical state<br>4.5 N NC changing electrical state                                                                                                                                          |
| Contacts material                      | Silver alloy (Ag/Ni)                                                                                                                                                                                              |
| Short-circuit protection               | 6 A cartridge fuse gG                                                                                                                                                                                             |
| [Ui] rated insulation voltage          | 250 V (pollution degree 3) conforming to 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<br>1.5 A 240 V, AC-15, B300 EN/IEC 60947-5-1<br>0.1 A at 250 V, DC-13, R300 conforming to EN/IEC 60947-5-1<br>0.22 A at 125 V, DC-13, R300 conforming to 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<br>1000000 cycles, DC-13 230 V 3600 cyc/h 0.5 EN/IEC 60947-5-1 appendix C                                                                  |
| Electrical reliability                 | $\Lambda = 10\exp(-8)$ at 5 V and 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     | 1 kV direct contact IEC 61000-4-5<br>2 kV in free air 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)                                                                                                                                                     |
| Electrical shock protection class     | Class II IEC 61140                                                                                                                                                             |
| IP degree of protection               | IP65 IEC 60529                                                                                                                                                                 |
| NEMA degree of protection             | NEMA 13 UL 50<br>NEMA 4 UL 50<br>NEMA 4X UL 50<br>NEMA 13 CSA C22.2 No 94<br>NEMA 4 CSA C22.2 No 94<br>NEMA 4X CSA C22.2 No 94                                                 |
| Standards                             | CSA C22.2 No 14<br>EN/IEC 60947-5-5<br>JIS C 4520<br>EN/IEC 60947-1<br>JIS C 852<br>EN/IEC 60947-5-1                                                                           |
| Product certifications                | GOST<br>UL<br>CSA<br>CCC                                                                                                                                                       |
| Vibration resistance                  | +/- 3 mm 2...500 Hz)IEC 60068-2-6<br>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<br>50 gn (duration = 11 ms) for half sine wave acceleration conforming to IEC 60068-2-27 |
| Resistance to fast transients         | 2 kV IEC 61000-4-4                                                                                                                                                             |
| Resistance to electromagnetic fields  | 9.14 V/m (10 V/m) IEC 61000-4-3                                                                                                                                                |
| Resistance to electrostatic discharge | 6 kV on contact (on metal parts) conforming to IEC 61000-4-2<br>8 kV in free air (in insulating parts) IEC 61000-4-2                                                           |
| Electromagnetic emission              | Class B IEC 55011                                                                                                                                                              |

## Ordering and shipping details

|                       |                         |
|-----------------------|-------------------------|
| Category              | 22459-PUSHBUTTONS, 16MM |
| Discount Schedule     | CS2                     |
| GTIN                  | 00785901356554          |
| Nbr. of units in pkg. | 1                       |
| Package weight(Lbs)   | 0.56 oz (16 g)          |
| Returnability         | No                      |
| Country of origin     | MX                      |

## Packing Units

|                              |                        |
|------------------------------|------------------------|
| Unit Type of Package 1       | PCE                    |
| Package 1 Height             | 0.79 in (2 cm)         |
| Package 1 width              | 4.33 in (11 cm)        |
| Package 1 Length             | 4.33 in (11 cm)        |
| Unit Type of Package 2       | S01                    |
| Number of Units in Package 2 | 60                     |
| Package 2 Weight             | 2.52 lb(US) (1.143 kg) |
| 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

|                            |                                                                                                                                                                                                                                                                                             |
|----------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Sustainable offer status   | Green Premium product                                                                                                                                                                                                                                                                       |
| California proposition 65  | WARNING: This product can expose you to chemicals including: Lead and lead compounds, which is known to the State of California to cause cancer and birth defects or other reproductive harm. For more information go to <a href="http://www.P65Warnings.ca.gov">www.P65Warnings.ca.gov</a> |
| REACH Regulation           | <a href="#">REACH Declaration</a>                                                                                                                                                                                                                                                           |
| EU RoHS Directive          | Pro-active compliance (Product out of EU RoHS legal scope) <a href="#">EU RoHS Declaration</a>                                                                                                                                                                                              |
| Mercury free               | Yes                                                                                                                                                                                                                                                                                         |
| RoHS exemption information | <a href="#">Yes</a>                                                                                                                                                                                                                                                                         |
| China RoHS Regulation      | <a href="#">China RoHS Declaration</a>                                                                                                                                                                                                                                                      |
| Environmental Disclosure   | <a href="#">Product Environmental Profile</a>                                                                                                                                                                                                                                               |
| Circularity Profile        | <a href="#">End Of Life Information</a>                                                                                                                                                                                                                                                     |
| WEEE                       | The product must be disposed on European Union markets following specific waste collection and never end up in rubbish bins.                                                                                                                                                                |

## Contractual warranty

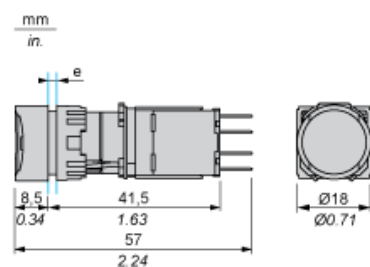
|          |           |
|----------|-----------|
| Warranty | 18 months |
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Circular Head Pushbutton

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Dimensions



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

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## Panel Cut-out

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### For Square or Circular Head

