# Product data sheet
## Characteristics

# XB6EDF4J2P

rectangle red illuminated pushbutton Ø16-flush pushtorelease 12 VDCpolarised 2CO

Green Premium™ Product

## Main

| | |
|---|---|
| Range of Product | Harmony XB6E |
| Product or Component Type | Illuminated monolithic push-button |
| Device short name | XB6E |
| Bezel material | Plastic |
| Mounting diameter | 0.63 in (16 mm) |
| Sale per indivisible quantity | 5 |
| Shape of signaling unit head | Rectangular |
| Type of operator | latching |
| Operator profile | Red flush |
| Contacts type and composition | 2 C/O |
| Contact operation | Snap action |
| Connections - terminals | Faston connectors 2.8 x 0.5 mm Soldered connectors |
| Contacts material | Gold-flashed silver |
| Light source | Integral LED |
| [Us] rated supply voltage | 12 V DC polarised |

## Complementary

| | |
|---|---|
| Height | 0.71 in (18 mm) |
| Width | 0.94 in (24 mm) |
| Depth | 1.57 in (40 mm) |
| Terminals description ISO n°1 | (23-24-21-22)OF (13-14-11-12)OF |
| Net Weight | 0.01 lb(US) (0.006 kg) |
| Overvoltage category | II IEC 60536 |
| Operating position | Any position |
| Marking | CE |
| Operating force | 1.3 N C/O changing electrical state |
| Mechanical durability | 250000 cycles |
| Short-circuit protection | 3 A cartridge fuse gG |
| [Ith] conventional free air thermal current | 3 A |
| [Ui] rated insulation voltage | 250 V 2)IEC 60947-1 |
| [Uimp] rated impulse withstand voltage | 2.5 kV IEC 60947-1 |
| Electrical durability | 50000 Cycles, DC-12, 1 A 30 V IEC 60947-5-1 appendix C 50000 Cycles, AC-12, 0.5 A 125 V IEC 60947-5-1 appendix C 50000 cycles, AC-12, 0.5 A 250 V IEC 60947-5-1 appendix C |
| Electrical reliability | Λ = 10exp(-8) 5 V 1 mA with confidence level of 90 % IEC 60947-5-4 |
| Signalling type | Steady |
| Current Consumption | 20 mA |
| Service life | 50000 h |

## Environment

| | |
|---|---|
| Ambient Air Temperature for Storage | -40…158 °F (-40…70 °C) |
| Ambient air temperature for operation | 14…131 °F (-10…55 °C) |
| IP degree of protection | IP65 IEC 60529 |
| Standards | JIS C 4520<br>CSA C22.2 No 14<br>IEC 60947-1<br>UL 508<br>JIS C 852<br>IEC 60947-5-1 |
| Product Certifications | CURus<br>CCC |
| Vibration resistance | 1 mm 5…55 Hz)IEC 60068-2-6<br>9 gn 5…55 Hz)IEC 60068-2-6 |
| Shock resistance | 20 gn 11 ms) half sine wave acceleration IEC 60068-2-27 |
| Electromagnetic compatibility | Electrostatic discharge immunity test 8 kV IEC 61000-4-2 |

## Ordering and shipping details

| | |
|---|---|
| Category | 22459 - PUSHBUTTONS, 16MM |
| Discount Schedule | CS2 |
| GTIN | 03389110631807 |
| Nbr. of units in pkg. | 5 |
| Package weight(Lbs) | 0.12 lb(US) (0.05 kg) |
| Returnability | No |
| Country of origin | CN |

## Packing Units

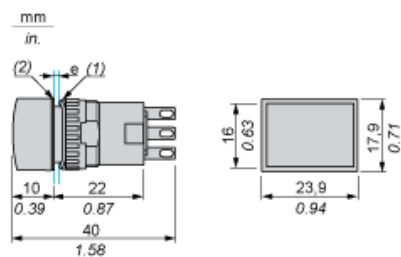| | |
|---|---|
| Package 1 Height | 0.280 dm |
| Package 1 width | 0.730 dm |
| Package 1 Length | 1.850 dm |

## Offer Sustainability

| | |
|---|---|
| Sustainable offer status | Green Premium product |
| California proposition 65 | WARNING: This product can expose you to chemicals including: Nickel compounds, which is known to the State of California to cause cancer, and 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 |
| 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

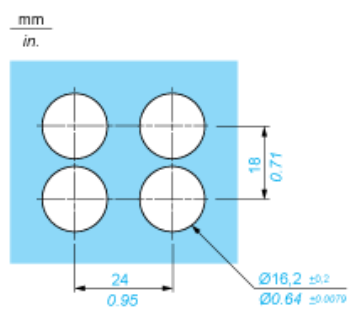| | |
|---|---|
| Warranty | 18 months |

Pushbutton

## Rectangular 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.)

## XB6EDF4J2P

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Panel Cut-Out and Mounting

Rectangular Head

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