

# Product data sheet

## Characteristics

# XB6EDF8B1P

rectangle orange illumin pushbutton Ø16-flush  
pushtorelease 24 VDCpolarised 1CO

Product availability : Non-Stock - Not normally stocked in distribution facility

Price\*\* : 16.90 USD



### 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	Orange flush
Contacts type and composition	1 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	24 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	(13-14-11-12)OF
Product weight	0.01 lb(US) (0.006 kg)
Overvoltage category	II conforming to 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 by gG cartridge fuse

[Ith] conventional free air thermal current	3 A
[Ui] rated insulation voltage	250 V (degree of pollution: 2) conforming to IEC 60947-1
[Uimp] rated impulse withstand voltage	2.5 kV conforming to IEC 60947-1
Electrical durability	50000 cycles DC-12, 1 A - 30 V conforming to IEC 60947-5-1 appendix C 50000 cycles AC-12, 0.5 A - 125 V conforming to IEC 60947-5-1 appendix C 50000 cycles AC-12, 0.5 A - 250 V conforming to 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
Current consumption	10 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 conforming to IEC 60529
Standards	IEC 60947-1 IEC 60947-5-1 JIS C 4520 JIS C 852 UL 508 CSA C22.2 No 14
Product certifications	CCC cURus
Vibration resistance	1 mm (5...55 Hz) conforming to IEC 60068-2-6 9 gn (5...55 Hz) conforming to IEC 60068-2-6
Shock resistance	20 gn (duration = 11 ms) half sine wave acceleration conforming to IEC 60068-2-27
Electromagnetic compatibility	Electrostatic discharge immunity test 8 kV - test level conforming to IEC 61000-4-2

## Ordering and shipping details

Category	22459 - PUSHBUTTONS, 16MM
Discount Schedule	CS2
GTIN	003389110631951
Nbr. of units in pkg.	5
Package weight(Lbs)	0.11
Returnability	N
Country of origin	CN

## Offer Sustainability

California proposition 65	WARNING: This product can expose you to chemicals including:
----- Substance 1	Nickel compounds, which is known to the State of California to cause cancer, and
----- Substance 2	Di-isodecyl phthalate (DIDP), which is known to the State of California to cause birth defects or other reproductive harm.
----- More information	For more information go to <a href="http://www.p65warnings.ca.gov">www.p65warnings.ca.gov</a>

## Contractual warranty

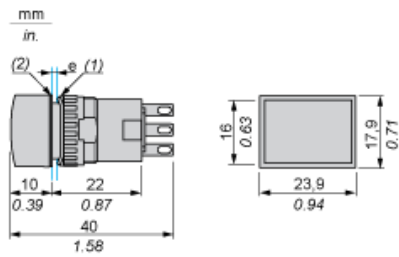
Warranty period	18 months
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Pushbutton

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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.)

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Panel Cut-Out and Mounting

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Rectangular Head

