

# XB6EDF4B1P

Illuminated monolithic push button, Harmony XB6E, rectangle red pushbutton Ø 16 flush pushtorelease 24 VDCpolarised 1CO



## 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	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
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	$\Lambda = 10\exp(-8)$ 5 V 1 mA with confidence level of 90 % 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 IEC 60529
Standards	JIS C 852 UL 508 JIS C 4520 CSA C22.2 No 14 IEC 60947-5-1 IEC 60947-1
Product Certifications	CCC cURus
Vibration resistance	1 mm 5...55 Hz)IEC 60068-2-6 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	3389110631920
Nbr. of units in pkg.	1
Package weight(Lbs)	0.35 oz (10 g)
Returnability	No
Country of origin	CN

## Packing Units

Unit Type of Package 1	PCE
Package 1 Height	1.10 in (2.8 cm)
Package 1 width	2.87 in (7.3 cm)
Package 1 Length	7.28 in (18.5 cm)
Unit Type of Package 2	BAG
Number of Units in Package 2	5
Package 2 Weight	1.80 oz (51 g)
Package 2 Height	1.10 in (2.8 cm)
Package 2 width	2.87 in (7.3 cm)
Package 2 Length	7.28 in (18.5 cm)
Unit Type of Package 3	S01
Number of Units in Package 3	50
Package 3 Weight	25.93 oz (735 g)
Package 3 Height	5.91 in (15 cm)
Package 3 width	5.91 in (15 cm)
Package 3 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: 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 <a href="http://www.P65Warnings.ca.gov">www.P65Warnings.ca.gov</a>
REACH Regulation	 <a href="#">REACH Declaration</a>
REACH free of SVHC	Yes
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

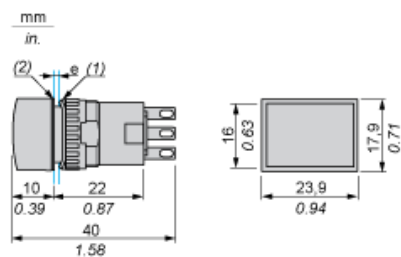
Warranty	18 months
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Pushbutton

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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

