

# Product datasheet

Specifications



rectangle green illuminated  
pushbutton Ø16-flush  
springreturn-24 VDCpolarised2CO

Local distributor code: 395513859 XB6EDW3B2P

## Main

Range of product	Harmony XB6E
Product or component type	Illuminated monolithic push-button
Device short name	XB6E
Bezel material	Plastic
Mounting diameter	16 mm
Sale per indivisible quantity	5
Shape of signaling unit head	Rectangular
Type of operator	spring return
Operator profile	Green flush
Contacts type and composition	2 C/O
Contact operation	Snap action
Connections - terminals	Insulated faston, connection size: 2.8 x 0.5 mm Solder terminal, clamping capacity: <= 0.75 mm <sup>2</sup> AWG 19 Fast connector socket
Contacts material	Gold-flashed silver
Light source	Integral LED
[Us] rated supply voltage	24 V DC polarised

## Complementary

Net weight	0.006 kg
Operating position	Any position
Marking	CE
Mechanical durability	1000000 cycles
Contact resistance	50 mOhm at 1/6 V
Short-circuit protection	2 A cartridge fuse type gG
[Ith] conventional free air thermal current	3 A (fast connector socket) 5 A
[Ie] rated operational current	1.5 A at 120 V, AC-12 conforming to EN/IEC 60947-5-1 1 A at 240 V, AC-12 conforming to EN/IEC 60947-5-1 1 A at 24 V, DC-12 conforming to EN/IEC 60947-5-1 0.7 A at 24 V, DC-13 conforming to EN/IEC 60947-5-1 0.2 A at 125 V, DC-12 conforming to EN/IEC 60947-5-1 0.15 A at 125 V, DC-13 conforming to EN/IEC 60947-5-1

<b>Electrical durability</b>	100000 cycles, AC, 0.7 A at 220 V conforming to EN/IEC 60947-5-1 appendix C
<b>Signalling type</b>	Steady
<b>Current consumption</b>	10 mA
<b>Service life</b>	30000 h

## Environment

<b>Ambient air temperature for storage</b>	-40...70 °C
<b>Ambient air temperature for operation</b>	-10...55 °C
<b>IP degree of protection</b>	IP65 conforming to IEC 60529
<b>Standards</b>	IEC 60947-1 CSA C22.2 No 14 JIS C 852 UL 508 JIS C 4520 IEC 60947-5-1
<b>Product certifications</b>	CCC cURus
<b>Vibration resistance</b>	1 mm (f= 10...55 Hz) conforming to IEC 60068-2-6
<b>Shock resistance</b>	10 gn (duration = 11 ms) for half sine wave acceleration conforming to IEC 60068-2-27

## Packing Units

<b>Unit Type of Package 1</b>	PCE
<b>Number of Units in Package 1</b>	1
<b>Package 1 Weight</b>	13.0 g
<b>Package 1 Height</b>	3 cm
<b>Package 1 width</b>	9.5 cm
<b>Package 1 Length</b>	20 cm
<b>Unit Type of Package 2</b>	BAG
<b>Number of Units in Package 2</b>	5
<b>Package 2 Weight</b>	155.0 g
<b>Package 2 Height</b>	2.8 cm
<b>Package 2 width</b>	7.3 cm
<b>Package 2 Length</b>	18.5 cm
<b>Unit Type of Package 3</b>	S01
<b>Number of Units in Package 3</b>	50
<b>Package 3 Weight</b>	892.0 g
<b>Package 3 Height</b>	15 cm
<b>Package 3 width</b>	15 cm
<b>Package 3 Length</b>	40 cm

## Offer Sustainability

<b>Sustainable offer status</b>	Green Premium product
<b>REACH Regulation</b>	<a href="#">REACH Declaration</a>
<b>REACH free of SVHC</b>	Yes
<b>EU RoHS Directive</b>	Pro-active compliance (Product out of EU RoHS legal scope) <a href="#">EU RoHS Declaration</a>

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<b>Mercury free</b>	Yes
<b>RoHS exemption information</b>	<a href="#">Yes</a>
<b>China RoHS Regulation</b>	<a href="#">China RoHS declaration</a>
<b>Environmental Disclosure</b>	<a href="#">Product Environmental Profile</a>
<b>Circularity Profile</b>	<a href="#">End of Life Information</a>
<b>WEEE</b>	The product must be disposed on European Union markets following specific waste collection and never end up in rubbish bins

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### **Contractual warranty**

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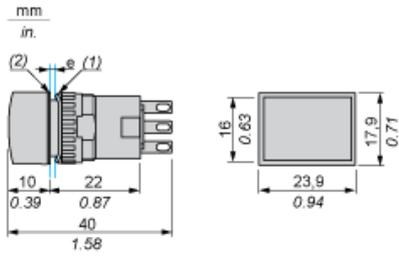
<b>Warranty</b>	18 months
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Pushbutton

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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.)

**Panel Cut-Out and Mounting**

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**Rectangular Head**

