



## Main

Range of product	Harmony XB6E
Product or component type	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	Square
Type of operator	Spring return
Operator profile	Black flush
Contacts type and composition	1 C/O
Contact operation	Snap action
Connections - terminals	Fast connector socket Solder terminal, clamping connection $\leq 0.75$ mm <sup>2</sup> / AWG 19 min Insulated faston: 2.8 x 0.5 mm
Contacts material	Gold-flashed silver

## Complementary

Product weight	0.01 lb(US) (0.006 kg)
Overvoltage category	II conforming to IEC 60536
Operating position	Any position
Marking	CE
Mechanical durability	1000000 cycles
Tightening torque	5.31...8.85 lbf.in (0.6...1 N.m)
Contact resistance	$< 50$ mOhm for 1/6 V
Short-circuit protection	2 A by gG cartridge fuse
[Ith] conventional free air thermal current	5 A 3 A with fast connector socket
[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 0.7 A at 240 V, AC-13 conforming to EN/IEC 60947-5-1 1 A at 120 V, AC-13 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
Electrical durability	100000 cycles AC, 0.7 A - 220 V conforming to EN/IEC 60947-5-1 appendix C

## 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 (10...55 Hz) conforming to IEC 60068-2-6
shock resistance	10 gn (duration = 11 ms) half sine wave acceleration conforming to IEC 60068-2-27

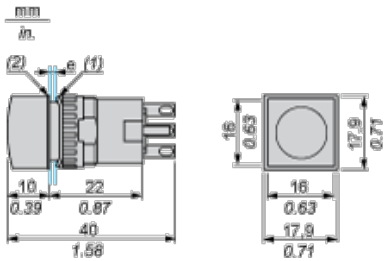
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Offer Sustainability

WARNING: This product can expose you to chemicals including:		WARNING: This product can expose you to chemicals including:	
Nickel compounds, which is known to the State of California to cause cancer, and		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.		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>		For more information go to <a href="http://www.p65warnings.ca.gov">www.p65warnings.ca.gov</a>	

Pushbutton

Square 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

Circular or Square Head

