

# Product data sheet

## Characteristics

# XB6EAA52P

round yellow pushbutton Ø 16 - flush spring return - 2OC

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



### 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	Round
Type of operator	Spring return
Operator profile	Yellow flush
Contacts type and composition	2 C/O
Contact operation	Snap action
Connections - terminals	Fast connector socket Solder terminal, clamping connection <= 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
[I <sub>th</sub> ] conventional free air thermal current	3 A with fast connector socket 5 A
[I <sub>le</sub> ] 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

## Ordering and shipping details

Category	22459 - PUSHBUTTONS, 16MM
Discount Schedule	CS2
GTIN	003389110624632
Nbr. of units in pkg.	5
Package weight(Lbs)	0.10000000000000001
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

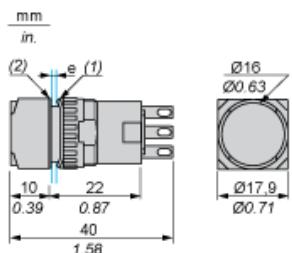
Warranty period	18 months
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Pushbutton

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Circular 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.)  $\leq$  e  $\leq$  6 mm (0.24 in.)

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### Panel Cut-Out and Mounting

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#### Circular or Square Head

