

# XB6EAA31P

Monolithic push button, Harmony XB6E, round green pushbutton Ø 16, flush spring return, 1OC



## 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	Green flush
Contacts type and composition	1 C/O
Contact operation	Snap action
Connections - terminals	Insulated faston 2.8 x 0.5 mm Solder terminal <= 0.75 mm² AWG 19 Fast connector socket
Contacts material	Gold-flashed silver

## Complementary

Net Weight	0.01 lb(US) (0.006 kg)
Overvoltage category	II 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 1/6 V
Short-circuit protection	2 A cartridge fuse gG
[I <sub>th</sub> ] conventional free air thermal current	3 A fast connector socket) 5 A
[I <sub>e</sub> ] rated operational current	1.5 A 120 V, AC-12 EN/IEC 60947-5-1 1 A 240 V, AC-12 EN/IEC 60947-5-1 0.7 A 240 V, AC-13 EN/IEC 60947-5-1 1 A 120 V, AC-13 EN/IEC 60947-5-1 1 A 24 V, DC-12 EN/IEC 60947-5-1 0.7 A 24 V, DC-13 EN/IEC 60947-5-1 0.2 A 125 V, DC-12 EN/IEC 60947-5-1 0.15 A 125 V, DC-13 EN/IEC 60947-5-1
Electrical durability	100000 cycles, AC, 0.7 A 220 V EN/IEC 60947-5-1 appendix C

The information provided in this documentation contains general descriptions and/or technical characteristics of the performance of the products contained herein. This documentation is not intended as a substitute for and is not to be used for determining suitability or reliability of these products for specific user applications. It is the duty of any such user or integrator to perform the appropriate and complete risk analysis, evaluation and testing of the products with respect to the relevant specific application or use thereof. Neither Schneider Electric Industries SAS nor any of its affiliates or subsidiaries shall be responsible or liable for misuse of the information contained herein.

## 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	UL 508 IEC 60947-1 JIS C 852 CSA C22.2 No 14 IEC 60947-5-1 JIS C 4520
Product Certifications	CCC cURus
Vibration resistance	1 mm 10...55 Hz)IEC 60068-2-6
Shock resistance	10 gn 11 ms) half sine wave acceleration IEC 60068-2-27




## Ordering and shipping details

Category	22459 - PUSHBUTTONS, 16MM
Discount Schedule	CS2
GTIN	3389110624441
Nbr. of units in pkg.	1
Package weight(Lbs)	0.28 oz (8 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	CAR
Number of Units in Package 2	5
Package 2 Weight	1.45 oz (41 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	22.40 oz (635 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>
Toxic heavy metal free	Yes
Mercury free	Yes
RoHS exemption information	 Yes

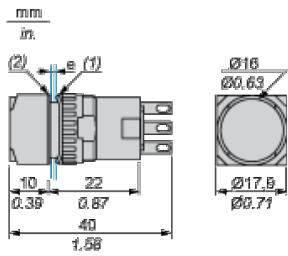
China RoHS Regulation	<a href="#">China RoHS Declaration</a>
Environmental Disclosure	<a href="#">Product Environmental Profile</a>
Circularity Profile	<a href="#">End Of Life Information</a>
WEEE	The product must be disposed on European Union markets following specific waste collection and never end up in rubbish bins.
<b>Contractual warranty</b>	
Warranty	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

