

Product data sheet

Specifications



Monolithic push button, Harmony XB6E, round red flush, 16mm, spring return, 1CO

XB6EAA41P

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	0.6 in (16 mm)
Sale per indivisible quantity	5
Shape of signaling unit head	Round
Type of operator	spring return
Operator profile	Red 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	0.013 lb(US) (0.006 kg)
Overvoltage category	II conforming to IEC 60536
Operating position	Any position
Marking	CE
Mechanical durability	1000000 cycles
Tightening torque	5.3...8.9 lbf.in (0.6...1 N.m)
Contact resistance	50 mOhm 1/6 V
Short-circuit protection	2 A cartridge fuse gG
[Ith] conventional free air thermal current	3 A fast connector socket) 5 A
[Ie] rated operational current	1.5 A 120 V, AC-12 IEC 60947-5-1 1 A 240 V, AC-12 IEC 60947-5-1 0.7 A 240 V, AC-13 IEC 60947-5-1 1 A 120 V, AC-13 IEC 60947-5-1 1 A 24 V, DC-12 IEC 60947-5-1 0.7 A 24 V, DC-13 IEC 60947-5-1 0.2 A 125 V, DC-12 IEC 60947-5-1 0.15 A 125 V, DC-13 IEC 60947-5-1
Electrical durability	100000 cycles, AC, 0.7 A 220 V IEC 60947-5-1 appendix C

Price is "List Price" and may be subject to a trade discount – check with your local distributor or retailer for actual price.

Disclaimer: 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

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

Ordering and shipping details

Category	US10CS222459
Discount Schedule	0CS2
GTIN	3389110624458
Returnability	Yes
Country of origin	CN

Packing Units

Unit Type of Package 1	PCE
Nbr. of units in pkg.	1
Package 1 Height	3.54 in (9.000 cm)
Package 1 Width	1.18 in (3.000 cm)
Package 1 Length	2.63 in (6.670 cm)
Package weight(Lbs)	0.353 oz (10.000 g)
Unit Type of Package 2	BB1
Number of Units in Package 2	5
Package 2 Height	3.54 in (9.000 cm)
Package 2 Width	1.18 in (3.000 cm)
Package 2 Length	7.87 in (20.000 cm)
Package 2 Weight	1.905 oz (54.000 g)
Unit Type of Package 3	S01
Number of Units in Package 3	50
Package 3 Height	5.91 in (15.000 cm)
Package 3 Width	5.91 in (15.000 cm)
Package 3 Length	15.75 in (40.000 cm)
Package 3 Weight	27.090 oz (768.000 g)

Contractual warranty

Warranty	18 months
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Environmental Data

Schneider Electric aims to achieve Net Zero status by 2050 through supply chain partnerships, lower impact materials, and circularity via our ongoing “Use Better, Use Longer, Use Again” campaign to extend product lifetimes and recyclability.

[Environmental Data explained >](#)

[How we assess product sustainability >](#)

Environmental footprint	
Carbon footprint (kg CO2 eq, Total Life cycle)	1
Environmental Disclosure	Product Environmental Profile

Use Better

Materials and Substances	
Packaging without single use plastic	No
EU RoHS Directive	Pro-active compliance (Product out of EU RoHS legal scope)
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 www.P65Warnings.ca.gov

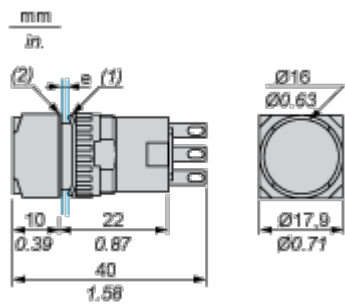
Use Again

Repack and remanufacture	
Circularity Profile	End of Life Information
Take-back	No
WEEE	 The product must be disposed on European Union markets following specific waste collection and never end up in rubbish bins.

Dimensions Drawings

Pushbutton

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.) ≤ e ≤ 6 mm (0.24 in.)

Mounting and Clearance

Panel Cut-Out and Mounting

Circular or Square Head

