

# Product data sheet

Specifications



round red illuminated pushbutton  
Ø16 flush push to release-12  
VDCpolarised-2CO

XB6EAF4J2P

⚠ Discontinued on: Dec 2, 2020

⚠ End-of-service on: Dec 31, 2020

⚠ Discontinued

## Main

Range of Product	Harmony XB6E
Product or Component Type	Illuminated 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	latching
Operator profile	Red flush
Contacts type and composition	2 C/O
Contact operation	Snap action
Connections - terminals	Faston connectors 2.8 x 0.5 mm Soldered connectors
Contacts material	Gold-flashed silver
Light source	Integral LED
[Us] rated supply voltage	12 V DC polarised

## Complementary

Height	0.7 in (18 mm)
Width	0.7 in (18 mm)
Depth	1.6 in (40 mm)
Terminals description ISO n°1	(23-24-21-22)OF (13-14-11-12)OF
Net Weight	0.013 lb(US) (0.006 kg)
Overvoltage category	II IEC 60536
Operating position	Any position
marking	CE
Operating force	1.3 N C/O changing electrical state
Mechanical durability	250000 cycles
Short-circuit protection	3 A cartridge fuse gG

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

[Ith] conventional free air thermal current	3 A
[Ui] rated insulation voltage	250 V 2)IEC 60947-1
[Uimp] rated impulse withstand voltage	2.5 kV IEC 60947-1
Electrical durability	50000 cycles, DC-12, 1 A 30 V IEC 60947-5-1 appendix C 50000 cycles, AC-12, 0.5 A 125 V IEC 60947-5-1 appendix C 50000 cycles, AC-12, 0.5 A 250 V IEC 60947-5-1 appendix C
Electrical reliability	$\Lambda = 10\exp(-8)$ 5 V 1 mA with confidence level of 90 % IEC 60947-5-4
Signalling type	Steady
Current Consumption	20 mA
Service life	50000 h

## 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	JIS C 4520 UL 508 CSA C22.2 No 14 IEC 60947-5-1 JIS C 852 IEC 60947-1
Product Certifications	CCC cURus
Vibration resistance	1 mm 5...55 Hz)IEC 60068-2-6 9 gn 5...55 Hz)IEC 60068-2-6
Shock resistance	20 gn 11 ms) half sine wave acceleration IEC 60068-2-27
Electromagnetic compatibility	Electrostatic discharge immunity test - test level: 8 kV conforming to IEC 61000-4-2

## Ordering and shipping details

Category	22459-PUSHBUTTONS, 16MM
Discount Schedule	CS2
GTIN	03389110625455
Returnability	No
Country of origin	CN

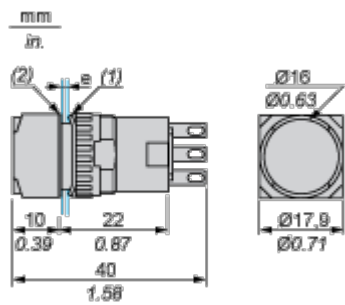
## Contractual warranty

Warranty	18 months
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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

