Product data sheet

Specifications

Discontinued

round white illuminated pushbutton Ø16-flush push to release 12 VDCpolarised1CO

XB6EAF1J1P

Discontinued on: Dec 2, 2020

End-of-service on: Dec 31, 2020

Main

Range Of Product	Harmony XB6E
Product Or Component Type	Illuminated 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	latching
Operator Profile	White flush
Contacts Type And Composition	1 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	0.71 in (18 mm)
Width	0.71 in (18 mm)
Depth	1.57 in (40 mm)
Terminals Description Iso N°1	(13-14-11-12)OF
Net Weight	0.01 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
[Ith] Conventional Free Air Thermal Current	3 A

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

[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	Λ = 10exp(-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	UL 508 CSA C22.2 No 14 IEC 60947-5-1 JIS C 852 IEC 60947-1 JIS C 4520
Product Certifications	cURus CCC
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

Gtin	3389110625295

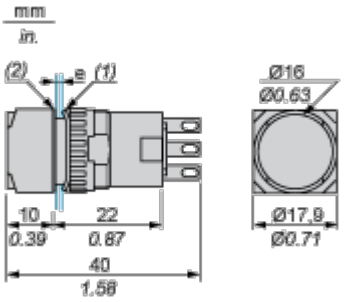
Contractual warranty

Warranty	18 months

Dimensions Drawings

Pushbutton

Circular Head

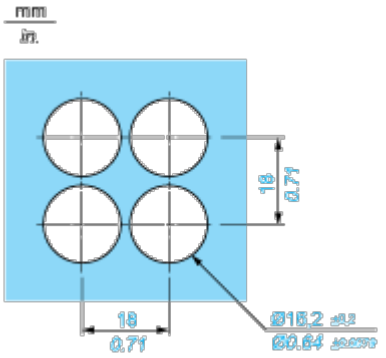


(1) Anti-rotation plate (thickness: 0.6 mm / 0.02 in.)

(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