

Product datasheet

Specifications



Illuminated monolithic push button.
Harmony XB6E. round white
pushbutton Ø 16 flush spring return
24 VDC polarised 1CO

XB6EAW1B1P

! Discontinued

! Discontinued on: 15 Jun 2023

Main

Range Of Product	Harmony XB6E
Product Or Component Type	Illuminated monolithic push-button
Device Short Name	XB6E
Bezel Material	Plastic
Mounting Diamete	16 mm
Sale Per Indivisible Quantity	5
Shape Of Signaling Unit Head	Round
Type Of Operator	spring return
Operator Profile	White flush
Contacts Type And Composition	1 C/O
Contact Operation	Snap action
Connections - Terminals	Insulated faston, connection size: 2.8 x 0.5 mm Solder terminal, clamping capacity: <= 0.75 mm² AWG 19 Fast connector socket
Contacts Material	Gold-flashed silver
Light Source	Integral LED
[Us] Rated Supply Voltage	24 V DC polarised

Complementary

Net Weight	0.006 kg
Operating Position	Any position
Marking	CE
Mechanical Durability	1000000 cycles
Contact Resistance	50 mOhm at 1/6 V
Short-Circuit Protection	2 A cartridge fuse type gG
[Ith] Conventional Free Air Thermal Current	3 A (fast connector socket) 5 A
[Ie] 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 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 at 220 V conforming to EN/IEC 60947-5-1 appendix C

Excluding VAT and subject to change. Please check with your local distributor through "Where to buy"

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

Signalling Type	Steady
Current Consumption	10 mA
Service Life	30000 h

Environment

Ambient Air Temperature For Storage	-40...70 °C
Ambient Air Temperature For Operation	-10...55 °C
Ip Degree Of Protection	IP65 conforming to IEC 60529
Standards	IEC 60947-5-1 CSA C22.2 No 14 UL 508 JIS C 852 JIS C 4520 IEC 60947-1
Product Certifications	cURus CCC
Vibration Resistance	1 mm (f= 10...55 Hz) conforming to IEC 60068-2-6
Shock Resistance	10 gn (duration = 11 ms) for half sine wave acceleration conforming to IEC 60068-2-27

Packing Units

Unit Type Of Package 1	PCE
Number Of Units In Package 1	1
Package 1 Height	2.500 cm
Package 1 Width	4.000 cm
Package 1 Length	9.000 cm
Package 1 Weight	17.000 g
Unit Type Of Package 2	BB1
Number Of Units In Package 2	5
Package 2 Height	3.500 cm
Package 2 Width	9.000 cm
Package 2 Length	18.500 cm
Package 2 Weight	88.000 g
Unit Type Of Package 3	S01
Number Of Units In Package 3	50
Package 3 Height	15.000 cm
Package 3 Width	15.000 cm
Package 3 Length	40.000 cm
Package 3 Weight	1.015 kg

Contractual warranty

Warranty	18 months
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Sustainability

Green Premium™ label is Schneider Electric's commitment to delivering products with best-in-class environmental performance. Green Premium promises compliance with the latest regulations, transparency on environmental impacts, as well as circular and low-CO₂ products.

Guide to assessing product sustainability is a white paper that clarifies global eco-label standards and how to interpret environmental declarations.

[Learn more about Green Premium >](#)

[Guide to assess a product's sustainability >](#)

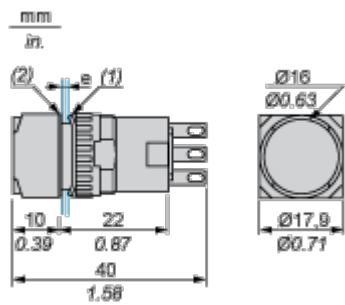
Well-being performance

 Reach Free Of Svhc	
 Mercury Free	
 Rohs Exemption Information	Yes
Reach Regulation	REACH Declaration
Eu Rohs Directive	Pro-active compliance (Product out of EU RoHS legal scope)
China Rohs Regulation	China RoHS declaration
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

