

Product datasheet

Specifications



round blue illuminated pushbutton
Ø16 flush push to release 24
VDCpolarised-2CO

XB6EAF6B2P

⚠ Discontinued on: 01-Nov-2020

⚠ End-of-service on: 11-Jul-2022

⚠ Discontinued

Main

Range of product	Harmony XB6E
Product or component type	Illuminated monolithic push-button
Device short name	XB6E
Bezel material	Plastic
Mounting diameter	16 mm
Sale per indivisible quantity	5
Shape of signaling unit head	Round
Type of operator	latching
Operator profile	Blue flush
Contacts type and composition	2 C/O
Contact operation	Snap action
Connections - terminals	Faston connectors, connection size: 2.8 x 0.5 mm Soldered connectors
Contacts material	Gold-flashed silver
Light source	Integral LED
[Us] rated supply voltage	24 V DC polarised

Complementary

Height	18 mm
Width	18 mm
Depth	40 mm
Terminals description ISO n°1	(13-14-11-12)OF (23-24-21-22)OF
Net weight	0.006 kg
Overvoltage category	II conforming to 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 type gG

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 (pollution degree 2) conforming to IEC 60947-1
[Uimp] rated impulse withstand voltage	2.5 kV conforming to IEC 60947-1
Electrical durability	50000 cycles, DC-12, 1 A at 30 V conforming to IEC 60947-5-1 appendix C 50000 cycles, AC-12, 0.5 A at 125 V conforming to IEC 60947-5-1 appendix C 50000 cycles, AC-12, 0.5 A at 250 V conforming to IEC 60947-5-1 appendix C
Electrical reliability	$\Lambda = 10\exp(-8)$ at 5 V and 1 mA with confidence level of 90 % conforming to IEC 60947-5-4
Signalling type	Steady
Current consumption	10 mA
Service life	50000 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 IEC 60947-1 UL 508 JIS C 4520 JIS C 852 CSA C22.2 No 14
product certifications	cURus CCC
Vibration resistance	1 mm (f= 5...55 Hz) conforming to IEC 60068-2-6 9 gn (f= 5...55 Hz) conforming to IEC 60068-2-6
Shock resistance	20 gn (duration = 11 ms) for half sine wave acceleration conforming to IEC 60068-2-27
Electromagnetic compatibility	Electrostatic discharge immunity test - test level: 8 kV conforming to IEC 61000-4-2

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.

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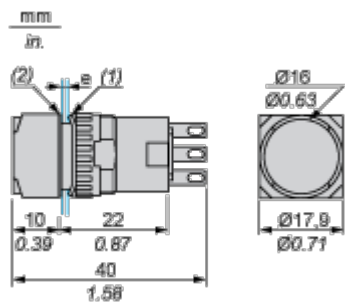
Well-being performance

✓	Reach Free Of Svhc	
✓	Mercury Free	
✓	Rohs Exemption Information	Yes
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

