

# Product data sheet

Specifications



rectangle green illumin pushbutton  
Ø16-flush pushtorelease 24  
VDCpolarised 1CO

XB6EDF3B1P

⚠ Discontinued on: Oct 20, 2020

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## 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	Rectangular
Type Of Operator	latching
Operator Profile	Green flush
Contacts Type And Composition	1 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	24 mm
Depth	40 mm
Terminals Description Iso N°1	(13-14-11-12)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
[Ith] Conventional Free Air Thermal Current	3 A

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 (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	UL 508 IEC 60947-1 IEC 60947-5-1 JIS C 852 CSA C22.2 No 14 JIS C 4520
Product Certifications	CCC cURus
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-CO<sub>2</sub> 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 >](#)



Transparency   RoHS/REACH

## Well-being performance

✓ Reach Free Of Svhc

✓ Mercury Free

✓ Rohs Exemption Information   [Yes](#)

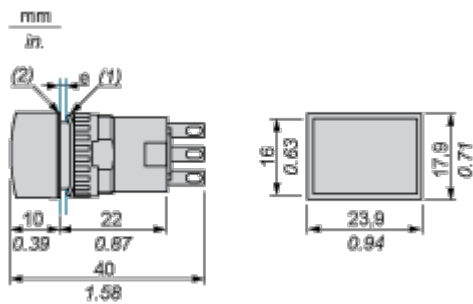
## Certifications & Standards

Reach Regulation	<a href="#">REACH Declaration</a>
Eu Rohs Directive	Pro-active compliance (Product out of EU RoHS legal scope)
China Rohs Regulation	<a href="#">China RoHS declaration</a>
Environmental Disclosure	<a href="#">Product Environmental Profile</a>
Weee	The product must be disposed on European Union markets following specific waste collection and never end up in rubbish bins
Circularity Profile	<a href="#">End of Life Information</a>
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 <a href="http://www.P65Warnings.ca.gov">www.P65Warnings.ca.gov</a>

Dimensions Drawings

Pushbutton

Rectangular 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

Rectangular Head

