

# Product datasheet

Specifications



Complete illuminated push button,  
Harmony XB6, red sq projecting  
illum pushbutton Ø 16 spring return  
1NO+1NC 12...24 V

XB6CE4B5B

⚠ Discontinued on: 30 Jun 2023

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## Main

Range Of Product	Harmony XB6
Product Or Component Type	Complete illuminated push-button
Device Short Name	XB6
Bezel Material	Plastic
Mounting Diamete	16 mm
Sale Per Indivisible Quantity	1
Shape Of Signaling Unit Head	Square
Type Of Operator	spring return
Operator Profile	Red projecting, unmarked
Contacts Type And Composition	1 NO + 1 NC
Contact Operation	Slow-break
Connections - Terminals	Faston connectors, connection size: 2.8 x 0.5 mm
Light Source	LED
Bulb Base	Integral LED
[Us] Rated Supply Voltage	12...24 V AC/DC

## Complementary

Cad Overall Width	18 mm
Cad Overall Height	18 mm
Cad Overall Depth	61 mm
Terminals Description Iso N°1	(13-14)NO (21-22)NC
Net Weight	0.025 kg
Operating Position	Any position
Positive Opening	With conforming to EN/IEC 60947-5-1 appendix K
Operating Travel	1 mm (NO changing electrical state) 2 mm (NC changing electrical state) 3.5 mm (total travel)
Operating Force	3.5 N NO changing electrical state 4.5 N NC changing electrical state
Contacts Material	Silver alloy (Ag/Ni)
Short-Circuit Protection	6 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

[Ui] Rated Insulation Voltage	250 V (pollution degree 3) conforming to EN/IEC 60947-1
[Uimp] Rated Impulse Withstand Voltage	4 kV conforming to EN/IEC 60947-1
[Ie] Rated Operational Current	3 A at 120 V, AC-15, B300 conforming to EN/IEC 60947-5-1 1.5 A at 240 V, AC-15, B300 conforming to EN/IEC 60947-5-1 0.1 A at 250 V, DC-13, R300 conforming to EN/IEC 60947-5-1 0.22 A at 125 V, DC-13, R300 conforming to EN/IEC 60947-5-1
Electrical Durability	1000000 cycles, AC-15 at 230 V, operating rate <3600 cyc/h, load factor: 0.5 conforming to EN/IEC 60947-5-1 appendix C 1000000 cycles, DC-13 at 230 V, operating rate <3600 cyc/h, load factor: 0.5 conforming to EN/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
Supply Voltage Limits	6...30 V AC/DC
Current Consumption	15 mA
Surge Withstand	1 kV direct contact conforming to IEC 61000-4-5 2 kV in free air conforming to IEC 61000-4-5

## Environment

Protective Treatment	TC
Ambient Air Temperature For Storage	-40...70 °C
Ambient Air Temperature For Operation	-25...70 °C
Electrical Shock Protection Class	Class II conforming to IEC 61140
Ip Degree Of Protection	IP65 conforming to IEC 60529
Nema Degree Of Protection	NEMA 13 conforming to UL 50 NEMA 4 conforming to UL 50 NEMA 4X conforming to UL 50 NEMA 13 conforming to CSA C22.2 No 94 NEMA 4 conforming to CSA C22.2 No 94 NEMA 4X conforming to CSA C22.2 No 94
Standards	EN/IEC 60947-1 EN/IEC 60947-5-5 CSA C22.2 No 14 EN/IEC 60947-5-1 JIS C 4520 JIS C 852
Product Certifications	UL CCC CSA GOST
Vibration Resistance	+/- 3 mm (f= 2...500 Hz) conforming to IEC 60068-2-6 5 gn (f= 2...500 Hz) conforming to IEC 60068-2-6
Shock Resistance	30 gn (duration = 18 ms) for half sine wave acceleration conforming to IEC 60068-2-27 50 gn (duration = 11 ms) for half sine wave acceleration conforming to IEC 60068-2-27
Resistance To Fast Transients	2 kV conforming to IEC 61000-4-4
Resistance To Electromagnetic Fields	10 V/m conforming to IEC 61000-4-3
Resistance To Electrostatic Discharge	6 kV on contact (on metal parts) conforming to IEC 61000-4-2 8 kV in free air (in insulating parts) conforming to IEC 61000-4-2
Electromagnetic Emission	Class B conforming to IEC 55011

## Packing Units

Unit Type Of Package 1	PCE
Number Of Units In Package 1	1
Package 1 Height	2.0 cm
Package 1 Width	11.0 cm
Package 1 Length	14.5 cm
Package 1 Weight	18.0 g

## 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 >](#)

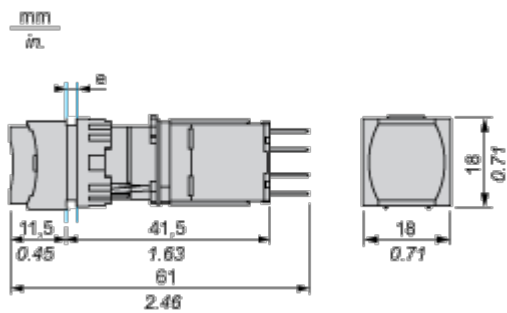
## Well-being performance

 Mercury Free	
 Rohs Exemption Information	<a href="#">Yes</a>
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>
Weee	The product must be disposed on European Union markets following specific waste collection and never end up in rubbish bins

Dimensions Drawings

Square Head Pushbutton

Dimensions



e panel thickness 1 to 6 mm/0.03 to 2.48 in.

Mounting and Clearance

Panel Cut-out

For Square or Circular Head

