

# Product datasheet

Specifications



Complete illuminated push button,  
Harmony XB6, yellow square flush  
illum pushbutton Ø 16 spring return  
1NO+1NC 12...24 V

XB6CW5B5B

## 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	Yellow flush, 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	57 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
[Ui] Rated Insulation Voltage	250 V (pollution degree 3) conforming to EN/IEC 60947-1

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

<b>[Uimp] Rated Impulse Withstand Voltage</b>	4 kV conforming to EN/IEC 60947-1
<b>[Ie] Rated Operational Current</b>	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
<b>Electrical Durability</b>	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
<b>Electrical Reliability</b>	$\Lambda = 10\exp(-8)$ at 5 V and 1 mA with confidence level of 90 % conforming to IEC 60947-5-4
<b>Signalling Type</b>	Steady
<b>Supply Voltage Limits</b>	6...30 V AC/DC
<b>Current Consumption</b>	15 mA
<b>Surge Withstand</b>	1 kV direct contact conforming to IEC 61000-4-5 2 kV in free air conforming to IEC 61000-4-5

## Environment

<b>Protective Treatment</b>	TC
<b>Ambient Air Temperature For Storage</b>	-40...70 °C
<b>Ambient Air Temperature For Operation</b>	-25...70 °C
<b>Electrical Shock Protection Class</b>	Class II conforming to IEC 61140
<b>Ip Degree Of Protection</b>	IP65 conforming to IEC 60529
<b>Nema Degree Of Protection</b>	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
<b>Standards</b>	EN/IEC 60947-5-5 EN/IEC 60947-1 CSA C22.2 No 14 JIS C 852 EN/IEC 60947-5-1 JIS C 4520
<b>Product Certifications</b>	UL CCC GOST CSA
<b>Vibration Resistance</b>	+/- 3 mm (f= 2...500 Hz) conforming to IEC 60068-2-6 5 gn (f= 2...500 Hz) conforming to IEC 60068-2-6
<b>Shock Resistance</b>	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
<b>Resistance To Fast Transients</b>	2 kV conforming to IEC 61000-4-4
<b>Resistance To Electromagnetic Fields</b>	10 V/m conforming to IEC 61000-4-3
<b>Resistance To Electrostatic Discharge</b>	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
<b>Electromagnetic Emission</b>	Class B conforming to IEC 55011

## Packing Units

<b>Unit Type Of Package 1</b>	PCE
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Number Of Units In Package 1	1
Package 1 Height	6.452 cm
Package 1 Width	2.54 cm
Package 1 Length	16.387 cm
Package 1 Weight	13.608 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