

# Product data sheet

Specifications



Complete illuminated push button, Harmony XB6, yellow rectangular flush, 16mm, spring return, 1NO + 1NC, 12...24V

XB6DW5B5B

**Product availability: Stock - Normally stocked in distribution facility**

## Main

Range of Product	Harmony XB6
Product or Component Type	Complete illuminated push-button
Device short name	XB6
Bezel material	Plastic
Mounting diameter	0.6 in (16 mm)
Sale per indivisible quantity	1
Shape of signaling unit head	Rectangular
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 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	0.9 in (24 mm)
CAD overall height	0.7 in (18 mm)
CAD overall depth	2.2 in (57 mm)
Terminals description ISO n°1	(21-22)NC (13-14)NO
Net Weight	0.055 lb(US) (0.025 kg)
Operating position	Any position
Positive opening	With IEC 60947-5-1 appendix K
Operating travel	0.04 in (1 mm) NO changing electrical state 0.08 in (2 mm) NC changing electrical state 0.1 in (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 gG

Price is "List Price" and may be subject to a trade discount – check with your local distributor or retailer for actual price.

<b>[Ui] rated insulation voltage</b>	250 V 3)IEC 60947-1
<b>[Uimp] rated impulse withstand voltage</b>	4 kV IEC 60947-1
<b>[Ie] rated operational current</b>	3 A 120 V, AC-15, B300 IEC 60947-5-1 1.5 A 240 V, AC-15, B300 IEC 60947-5-1 0.1 A 250 V, DC-13, R300 IEC 60947-5-1 0.22 A 125 V, DC-13, R300 IEC 60947-5-1
<b>Electrical durability</b>	1000000 cycles, AC-15 230 V 3600 cyc/h 0.5 IEC 60947-5-1 appendix C 1000000 cycles, DC-13 230 V 3600 cyc/h 0.5 IEC 60947-5-1 appendix C
<b>Electrical reliability</b>	$\Lambda = 10\exp(-8)$ 5 V 1 mA with confidence level of 90 % 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 IEC 61000-4-5 2 kV in free air IEC 61000-4-5

## Environment

<b>Protective treatment</b>	TC
<b>Ambient Air Temperature for Storage</b>	-40...158 °F (-40...70 °C)
<b>Ambient Air Temperature for Operation</b>	-13...158 °F (-25...70 °C)
<b>Electrical shock protection class</b>	Class II conforming to IEC 61140
<b>IP degree of protection</b>	IP65 IEC 60529
<b>NEMA degree of protection</b>	NEMA 13 UL 50 NEMA 4 UL 50 NEMA 4X UL 50 NEMA 13 CSA C22.2 No 94 NEMA 4 CSA C22.2 No 94 NEMA 4X CSA C22.2 No 94
<b>Standards</b>	CSA C22.2 No 14 JIS C 852 IEC 60947-5-1 IEC 60947-1 JIS C 4520 IEC 60947-5-5
<b>Product Certifications</b>	UL CSA CCC GOST
<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 18 ms) half sine wave acceleration IEC 60068-2-27 50 gn 11 ms) half sine wave acceleration IEC 60068-2-27
<b>Resistance to fast transients</b>	2 kV IEC 61000-4-4
<b>Resistance to electromagnetic fields</b>	9.1 V/m (10 V/m) IEC 61000-4-3
<b>Resistance to electrostatic discharge</b>	6 kV on contact (on metal parts) IEC 61000-4-2 8 kV in free air (in insulating parts) IEC 61000-4-2
<b>Electromagnetic emission</b>	Class B IEC 55011

## Ordering and shipping details

<b>Category</b>	US10CS222459
<b>Discount Schedule</b>	0CS2
<b>GTIN</b>	3389110171679

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Returnability	Yes
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Country of origin	FR
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## Packing Units

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Unit Type of Package 1	PCE
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Nbr. of units in pkg.	1
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Package 1 Height	0.800 in (2.032 cm)
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Package 1 Width	1.000 in (2.540 cm)
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Package 1 Length	3.500 in (8.890 cm)
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Package weight(Lbs)	0.640 oz (18.144 g)
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## Contractual warranty

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Warranty	18 months
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## Environmental Data

Schneider Electric aims to achieve Net Zero status by 2050 through supply chain partnerships, lower impact materials, and circularity via our ongoing “Use Better, Use Longer, Use Again” campaign to extend product lifetimes and recyclability.

[Environmental Data explained >](#)

[How we assess product sustainability >](#)

### Use Better

 <b>Materials and Substances</b>	
Packaging made with recycled cardboard	Yes
Packaging without single use plastic	No
<a href="#">EU RoHS Directive</a>	Pro-active compliance (Product out of EU RoHS legal scope)
SCIP Number	902182a2-9610-45f2-840e-6da530122efe
California proposition 65	<b>WARNING:</b> This product can expose you to chemicals including: Lead and lead compounds, which is known to the State of California to cause cancer and birth defects or other reproductive harm. For more information go to <a href="http://www.P65Warnings.ca.gov">www.P65Warnings.ca.gov</a>

### Use Again

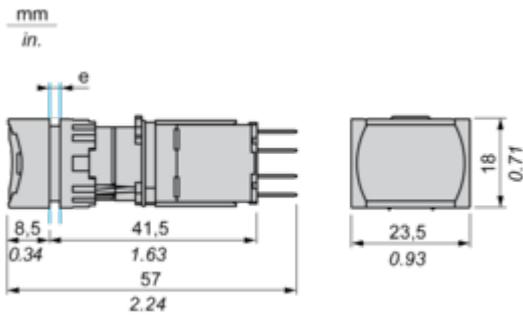
 <b>Repack and remanufacture</b>	
Take-back	No
WEEE Label	 <b>The product must be disposed on European Union markets following specific waste collection and never end up in rubbish bins.</b>

Dimensions Drawings

Rectangular Head Pushbutton

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Dimensions



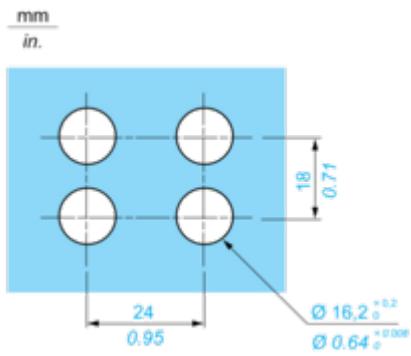
e panel thickness 1 to 6 mm/0.03 to 2.48 in.

Mounting and Clearance

Panel Cut-out

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For Rectangular Head



Technical Illustration

Dimensions

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