

Product data sheet

Specifications



Complete illuminated push button,
Harmony XB6, yellow rectangular
flush, 16mm, latching 1NO 12...24V

XB6DF5B1B

Main

Range of product	Harmony XB6
Product or component type	Complete illuminated push-button
Device short name	XB6
Bezel material	Plastic
Mounting diameter	16 mm
Sale per indivisible quantity	1
Shape of signaling unit head	Rectangular
Type of operator	latching
Operator profile	Yellow flush, unmarked
Contacts type and composition	1 NO
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

Height	18 mm
Width	24 mm
Depth	57 mm
Terminals description ISO n°1	(13-14)NO
Product 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) 3.5 mm (total travel)
Operating force	3.5 N NO 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
[Uiimp] 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	CSA C22.2 No 14 UL 508 JIS C 852 EN/IEC 60947-1 EN/IEC 60947-5-5 JIS C 4520 EN/IEC 60947-5-1
Product certifications	UL GOST CSA CCC
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	6.452 cm
Package 1 Width	2.54 cm
Package 1 Length	16.387 cm
Package 1 Weight	90.718 g

Contractual warranty

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 >](#)

Environmental footprint

Environmental Disclosure

[Product Environmental Profile](#)

Use Better

Materials and Substances

[EU RoHS Directive](#)

Pro-active compliance (Product out of EU RoHS legal scope)

SCIP Number

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California proposition 65

WARNING: 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 www.P65Warnings.ca.gov

Use Again

Repack and remanufacture

End of life manual availability

[End of Life Information](#)

WEEE Label

The product must be disposed on European Union markets following specific waste collection and never end up in rubbish bins