

# Product data sheet

## Characteristics

# XB6CF6B1B

blue square flush complete illum pushbutton  
 Ø16 latching 1NO 12...24V



Product availability: Non-Stock - Not 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	0.63 in (16 mm)
Sale per indivisible quantity	1
Shape of signaling unit head	Square
Type of operator	Latching
Operator profile	Blue flush unmarked
Contacts type and composition	1 NO
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

Height	0.71 in (18 mm)
Width	0.71 in (18 mm)
Depth	2.24 in (57 mm)
Terminals description ISO n°1	(13-14)NO
Product weight	0.05 lb(US) (0.022 kg)
Operating position	Any position
Positive opening	With positive opening conforming to EN/IEC 60947-5-1 appendix K
Operating travel	0.04 in (1 mm) (NO changing electrical state) 0.14 in (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 (degree of pollution: 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, 1 mA with confidence level of 90 % conforming to IEC 60947-5-4
Signalling type	Steady
Supply voltage limits	6...30 V AC/DC

The information provided in this documentation contains general descriptions and/or technical characteristics of the performance of the products contained herein. 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. It is the duty of any such user or integrator to perform the appropriate and complete risk analysis, evaluation and testing of the products with respect to the relevant specific application or use thereof. Neither Schneider Electric Industries SAS nor any of its affiliates or subsidiaries shall be responsible or liable for misuse of the information contained herein.

Current consumption	15 mA
Surge withstand	Direct contact 1 kV conforming to IEC 61000-4-5 In free air 2 kV conforming to IEC 61000-4-5

## Environment

Protective treatment	TC
Ambient air temperature for storage	-40...158 °F (-40...70 °C)
Ambient air temperature for operation	-13...158 °F (-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 4 conforming to CSA C22.2 No 94 NEMA 13 conforming to CSA C22.2 No 94 NEMA 4X conforming to CSA C22.2 No 94 NEMA 13 conforming to UL 50 NEMA 4 conforming to UL 50 NEMA 4X conforming to UL 50
Standards	UL 508 CSA C22.2 No 14 JIS C 4520 JIS C 852 EN/IEC 60947-1 EN/IEC 60947-5-1 EN/IEC 60947-5-5
Product certifications	CSA GOST CCC UL
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) half sine wave acceleration conforming to IEC 60068-2-27 50 gn (duration = 11 ms) 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	9.14 V/yd (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

## Ordering and shipping details

Category	22459 - PUSHBUTTONS, 16MM
Discount Schedule	CS2
Nbr. of units in pkg.	1
Package weight(Lbs)	0.20000000000000001
Returnability	N
Country of origin	MX

## Offer Sustainability

Sustainable offer status	Green Premium product
RoHS (date code: YYWW)	Compliant - since 0844 - Schneider Electric declaration of conformity  Schneider Electric declaration of conformity
REACH	Reference not containing SVHC above the threshold
Product environmental profile	Available
Product end of life instructions	Available
California proposition 65	WARNING: This product can expose you to chemicals including:
----- Substance 1	Nickel compounds, which is known to the State of California to cause cancer, and
----- Substance 2	Di-isodecyl phthalate (DIDP), which is known to the State of California to cause birth defects or other reproductive harm.
----- More information	For more information go to <a href="http://www.p65warnings.ca.gov">www.p65warnings.ca.gov</a>

## Contractual warranty

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Warranty period	18 months
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