

XB6DF1B5B

white rectangular flush complete illum pushbutton Ø16 latching 1NO+1NC
12...24V



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Main

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Range of product	Harmony XB6
Product or component type	Complete illuminated pushbutton
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	White flush unmarked
Contacts type and composition	1 NO + 1 NC
Contacts 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

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Height	18 mm
Width	24 mm
Depth	57 mm
Terminals description ISO n°1	(13-14)NO (21-22)NC
Product weight	0.025 kg
Operating position	Any position
Positive opening	With positive opening 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 (degree of pollution: 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	, AC-15 at 230 V, operating rate: 3600 cyc/h, load factor: 0.5 conforming to EN/IEC 60947-5-1 appendix C

Electrical reliability IEC 60947-5-4

, DC-13 at 230 V, operating rate: 3600 cyc/h, load factor: 0.5 conforming to EN/IEC 60947-5-1 appendix C

Signalling type

Steady

Supply voltage limits

6...30 V AC/DC

Current consumption

15 mA

Surge withstand

Direct contact conforming to IEC 61000-4-5
In free air conforming to IEC 61000-4-5

Environment Hide**Protective treatment**

TC

Ambient air temperature for storage

-40...70 °C

Ambient air temperature for operation

-25...70 °C

Class of protection against electric shock

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 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

Standards

EN/IEC 60947-1
EN/IEC 60947-5-1
EN/IEC 60947-5-5
JIS C 4520
JIS C 852
UL 508
CSA C22.2 No 14

Product certifications

CCC
CSA
GOST
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) 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

Contractual warranty Hide**Period**

18 months