Product data sheet
Characteristics

XB6CW1B1B
Complete illuminated push button, Harmony XB6, white square flush, 16mm, spring return 1NO 12...24V



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	Square
Type of operator	Spring return
Operator profile	White 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

CAD overall width	18 Mm
CAD overall height	18 Mm
CAD overall depth	57 Mm
Terminals description ISO n°1	(13-14)NO
Net weight	0.022 Kg
Operating position	Any position
Positive opening	With conforming to 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 IEC 60947-1
[Uimp] rated impulse withstand voltage	4 KV conforming to IEC 60947-1
[Ie] rated operational current	3 A at 120 V, AC-15, B300 conforming to IEC 60947-5-1 1.5 A at 240 V, AC-15, B300 conforming to IEC 60947-5-1 0.1 A at 250 V, DC-13, R300 conforming to IEC 60947-5-1 0.22 A at 125 V, DC-13, R300 conforming to IEC 60947-5-1
Electrical durability	1000000 Cycles, AC-15 at 230 V, operating rate <3600 cyc/h, load factor: 0.5 conforming to IE 1000000 Cycles, DC-13 at 230 V, operating rate <3600 cyc/h, load factor: 0.5 conforming to IE

Electrical reliability	Λ = 10exp(-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	IEC 60947-1 IEC 60947-5-1 CSA C22.2 No 14 JIS C 4520 JIS C 852 IEC 60947-5-5
Product certifications	CSA[RETURN]CCC[RETURN]UL[RETURN]GOST
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	2.0 Cm
Package 1 Width	11.0 Cm
Package 1 Length	16.0 Cm
Package 1 Weight	15.0 G
Unit Type of Package 2	S01
Number of Units in Package 2	60
Package 2 Height	15 Cm
Package 2 Width	15 Cm
Package 2 Length	40 Cm
Package 2 Weight	1.077 Kg

Offer Sustainability

Recyclability potential, in %	17
Total lifecycle Carbon footprint	8 kg CO2 eq.
Carbon footprint of the manufacturing phase [A1 to A3]	0.3350902864
Carbon footprint of the manufacturing phase [A1 to A3]	0.3 kg CO2 eq.
Carbon footprint of the distribution phase [A4]	0.0019614882
Carbon footprint of the distribution phase [A4]	0 kg CO2 eq.
Carbon footprint of the installation phase [A5]	0.0016910959
Carbon footprint of the installation phase [A5]	0 kg CO2 eq.
Carbon footprint of the use phase [B2, B3, B4, B6]	7.1386044266
Carbon footprint of the use phase [B2, B3, B4, B6]	7 kg CO2 eq.

Mercury free	Yes
Sustainable packaging	No
Carbon footprint of the end-of-life phase [C1 to C4]	0.0272148194
Carbon footprint of the end-of-life phase [C1 to C4]	0 kg CO2 eq.
Environmental Disclosure	Product Environmental Profile
Total lifecycle Carbon footprint	8
Packaging made with recycled cardboard	Yes
Packaging without single use plastic	No
SCIP Number	902182a2-9610-45f2-840e-6da530122efe
REACh Regulation	Reference contains Substances of Very High Concern above the threshold
EU RoHS Directive	Compliant By Exemption
California proposition 65	WARNING: This product can expose you to chemicals including: Lead and lead compounds, wh
End of life manual availability	End Of Life Information
Take-back	No
WEEE Label	The product must be disposed on European Union markets following specific waste collection a

Contractual warranty

Warranty (in months)	18

Product Life Status : Commercialised