Product data sheet
Characteristics

XB6AA42B
Complete push button, Harmony XB6, red flush pushbutton, 16mm, spring return, 1NC, unmarked



Main

Range of product	Harmony XB6
Product or component type	Complete push-button
Device short name	XB6
Bezel material	Plastic
Mounting diameter	16 Mm
Sale per indivisible quantity	1
Shape of signaling unit head	Round
Type of operator	Spring return
Operator profile	Red flush, unmarked
Contacts type and composition	1 NC
Contact operation	Slow-break
Connections - terminals	Faston connectors, connection size: 2.8 x 0.5 mm

Complementary

CAD overall width	18 Mm
CAD overall height	18 Mm
CAD overall depth	57 Mm
Terminals description ISO n°1	(21-22)NC
Net weight	0.019 Kg
Operating position	Any position
Positive opening	With conforming to IEC 60947-5-1 appendix K
Operating travel	2 Mm (NC changing electrical state) 3.5 Mm (total travel)
Operating force	4.5 N NC changing electrical state
Mechanical durability	2000000 Cycles
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

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	UL 508 IEC 60947-5-5 JIS C 852 IEC 60947-5-1 CSA C22.2 No 14 JIS C 4520 IEC 60947-1
Product certifications	UL[RETURN]CCC[RETURN]GOST[RETURN]CSA
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

Packing Units

Unit Type of Package 1	PCE
Number of Units in Package 1	1
Package 1 Height	2.0 Cm
Package 1 Width	6.0 Cm
Package 1 Length	6.0 Cm
Package 1 Weight	11.0 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	872.0 G

Offer Sustainability

REACh free of SVHC	Yes
Toxic heavy metal free	Yes
Mercury free	Yes
Sustainable packaging	No
Packaging made with recycled cardboard	Yes
Packaging without single use plastic	No
REACh Regulation	Free of Substances of Very High Concern above the threshold
EU RoHS Directive	Compliant
California proposition 65	WARNING: This product can expose you to chemicals including: Di-isodecyl phthalate (DIDP), whi
Take-back	No
WEEE Label	The product must be disposed on European Union markets following specific waste collection and

Contractual warranty

Warranty (in months)	18

Product Life Status : Commercialised