Product data sheet
Characteristics

ZB6Z2B
Complete body for push buttons or selector switches, Harmony XB6, single contact, with body fixing collar, faston connector, 1NC



Main

Range of product	Harmony XB6
Product or component type	Complete body for push-buttons or selector switches
Device short name	ZB6
Fixing collar material	Plastic
Sale per indivisible quantity	1
Contacts type and composition	1 NC
Contact operation	Slow-break
Connections - terminals	Faston connector Faston connector, connection size: 2.8 x 0.5 mm
[Us] rated supply voltage	<= 250 V

Complementary

CAD overall width	18 Mm
CAD overall height	18 Mm
CAD overall depth	40 Mm
Terminals description ISO n°1	(11-12)NC
Net weight	0.004 Kg
Contacts usage	Standard
Positive opening	With conforming to IEC 60947-5-1 appendix K
Operating travel	1 Mm (NC changing electrical state) 4.3 Mm (total travel)
Operating force	2.5 N NC changing electrical state
Contacts material	Silver alloy (Ag/Ni)
Short-circuit protection	6 A cartridge fuse type gG conforming to IEC 60947-5-1
[Ie] rated operational current	3 A at 120 V, AC-15, B300 1.5 A at 240 V, AC-15, B300 0.1 A at 250 V, DC-13, R300 0.22 A at 125 V, DC-13, R300
Electrical durability	1000000 Cycles, AC-15, 2 A at 230 V, operating rate <3600 cyc/h, load factor: 0.5 conforming t 1000000 Cycles, DC-15, 2 A at 230 V, operating rate <3600 cyc/h, load factor: 0.5 conforming
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
Standards	IEC 60947-5-1 JIS C 852 JIS C 4520 UL 508 CSA C22.2 No 14 IEC 60947-5-5 IEC 60947-1
Product certifications	GOST[RETURN]UL[RETURN]CCC[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	2.5 Cm
Package 1 Width	7.0 Cm
Package 1 Length	7.0 Cm
Package 1 Weight	6.0 G
Unit Type of Package 2	S01
Number of Units in Package 2	100
Package 2 Height	15 Cm
Package 2 Width	15 Cm
Package 2 Length	40 Cm
Package 2 Weight	813.0 G

Offer Sustainability

Recyclability potential, in %	17
Total lifecycle Carbon footprint	0.5 kg CO2 eq.
Carbon footprint of the manufacturing phase [A1 to A3]	0.1340361146
Carbon footprint of the manufacturing phase [A1 to A3]	0.1 kg CO2 eq.
Carbon footprint of the distribution phase [A4]	0.0007845953
Carbon footprint of the distribution phase [A4]	0 kg CO2 eq.
Carbon footprint of the installation phase [A5]	0.0006764384
Carbon footprint of the installation phase [A5]	0 kg CO2 eq.
Carbon footprint of the use phase [B2, B3, B4, B6]	0.3499315895
REACh free of SVHC	Yes
Carbon footprint of the use phase [B2, B3, B4, B6]	0.3 kg CO2 eq.
Toxic heavy metal free	Yes
Mercury free	Yes
Sustainable packaging	No
Carbon footprint of the end-of-life phase [C1 to C4]	0.0108859278
Carbon footprint of the end-of-life phase [C1 to C4]	0 kg CO2 eq.
Environmental Disclosure	Product Environmental Profile
Total lifecycle Carbon footprint	1
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),
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