

Product data sheet

Specifications



Complete body for push buttons or selector switches, Harmony XB6, single contact, with body/fixing collar, faston connector, 2NC

ZB6Z4B

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	2 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	0.006 kg
Contacts usage	Standard
Positive opening	With conforming to EN/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 EN/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 to EN/IEC 60947-5-1 appendix C 1000000 cycles, DC-15, 2 A 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 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	JIS C 4520 EN/IEC 60947-5-1 UL 508 EN/IEC 60947-5-5 JIS C 852 CSA C22.2 No 14 EN/IEC 60947-1
Product certifications	UL CCC GOST 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	3.8 cm
Package 1 Width	4.4 cm
Package 1 Length	7.7 cm
Package 1 Weight	10.0 g
Unit Type of Package 2	S01
Number of Units in Package 2	100
Package 2 Height	15.0 cm
Package 2 Width	15.0 cm
Package 2 Length	40.0 cm
Package 2 Weight	1.062 kg

Offer Sustainability

Sustainable offer status	Green Premium product
REACH Regulation	REACH Declaration
REACH free of SVHC	Yes
EU RoHS Directive	Pro-active compliance (Product out of EU RoHS legal scope) EU RoHS Declaration
Toxic heavy metal free	Yes
Mercury free	Yes
China RoHS Regulation	China RoHS declaration
RoHS exemption information	Yes
Environmental Disclosure	Product Environmental Profile
Circularity Profile	End of Life Information

WEEE	The product must be disposed on European Union markets following specific waste collection and never end up in rubbish bins
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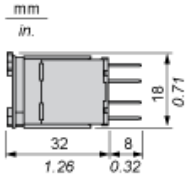
California proposition 65	WARNING: This product can expose you to chemicals including: Di-isodecyl phthalate (DIDP), which is known to the State of California to cause birth defects or other reproductive harm. For more information go to www.P65Warnings.ca.gov
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Contractual warranty

Warranty	18 months
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Body for Pushbutton, Selector Switch or Key Switch

Dimensions



Recommended replacement(s)