

ZB6Z2B

single contact block with body/fixing collar 1NC faston connector



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(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
Product weight	0.004 kg
Contacts usage	Standard
Positive opening	With positive opening 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, 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	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

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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

Body for Pushbutton, Selector Switch or Key Switch

Dimensions

