



Main

Range of product	Harmony XB6
Product or component type	Contact block
Device short name	ZB6
Sale per indivisible quantity	10
Contacts type and composition	1 NC
Contact operation	Slow-break
Contact block type	Single
Connections - terminals	Pins for printed circuit board
Contacts material	Silver alloy (Ag/Ni)

Complementary

Terminals description ISO n°1	(1-2)NC
Product weight	0.004 kg
Positive opening	With positive opening conforming to EN/IEC 60947-5-1 appendix K
Operating travel	1 mm (NC changing electrical state) 3.5 mm (total travel)
Operating force	2.5 N (NC changing electrical state)
Mechanical durability	5000000 cycles
Short-circuit protection	6 A cartridge fuse type gG
[Ui] rated insulation voltage	250 V (degree of pollution: 3) conforming to EN/IEC 60947-1
[Uimp] rated impulse withstand voltage	4 kV conforming to EN/IEC 60947-1
[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 at 230 V, operating rate: 3600 cyc/h, load factor: 0.5 conforming to EN/IEC 60947-5-1 appendix C 1000000 cycles, DC-13 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 EN/IEC 60947-5-4

Environment

Protective treatment	TC
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Ambient air temperature for storage	-40...70 °C
Ambient air temperature for operation	-25...70 °C
IP degree of protection	IP65 conforming to IEC 60529
Standards	EN/IEC 60947-1 EN/IEC 60947-5-1 EN/IEC 60947-5-4 JIS C 4520 JIS C 852 UL 508 CSA C22.2 No 14
Product certifications	CCC CSA GOST UL
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

Contractual warranty

Warranty period	18 months
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