



## 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 NO
Contact operation	Slow-break
Contact block type	Single
Connections - terminals	Faston connector
Contacts material	Silver alloy (Ag/Ni)

## Complementary

Terminals description ISO n°1	(3-4)NO
Net weight	0.01 lb(US) (0.004 kg)
Positive opening	With conforming to EN/IEC 60947-5-1 appendix K
Operating travel	2 mm (NO changing electrical state) 3.5 mm (total travel)
Operating force	1.6 N NO changing electrical state
Mechanical durability	5000000 cycles
Short-circuit protection	6 A cartridge fuse type gG
[Ui] rated insulation voltage	250 V (pollution degree 3) conforming to EN/IEC 60947-1
[Uimp] rated impulse withstand voltage	4 kV 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

Disclaimer: This documentation is not intended as a substitute for and is not to be used for determining suitability or reliability of these products for specific user applications

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 and 1 mA with confidence level of 90 % conforming to EN/IEC 60947-5-4

## Environment

Protective treatment	TC
Ambient air temperature for storage	-40...158 °F (-40...70 °C)
Ambient air temperature for operation	-13...158 °F (-25...70 °C)
IP degree of protection	IP65 conforming to IEC 60529
Standards	JIS C 4520 EN/IEC 60947-5-1 CSA C22.2 No 14 JIS C 852 EN/IEC 60947-1 EN/IEC 60947-5-4 UL 508
Product certifications	UL CCC CSA GOST
Vibration resistance	+/- 3 mm (f= 2...500 Hz) conforming to IEC 60068-2-6 5 gn 2...500 Hz)IEC 60068-2-6
Shock resistance	30 gn 18 ms) half sine wave acceleration IEC 60068-2-27 50 gn 11 ms) half sine wave acceleration IEC 60068-2-27

## Packing Units

Unit Type of Package 1	PCE
Number of Units in Package 1	1
Package 1 Weight	0.07 oz (2 g)
Package 1 Height	0.87 in (2.2 cm)
Package 1 width	2.64 in (6.7 cm)
Package 1 Length	1.26 in (3.2 cm)
Unit Type of Package 2	BB1
Number of Units in Package 2	10
Package 2 Weight	0.99 oz (28 g)
Package 2 Height	0.87 in (2.2 cm)
Package 2 width	1.26 in (3.2 cm)
Package 2 Length	2.64 in (6.7 cm)
Unit Type of Package 3	S01
Number of Units in Package 3	400
Package 3 Weight	2.86 lb(US) (1.296 kg)
Package 3 Height	5.91 in (15 cm)
Package 3 width	5.91 in (15 cm)
Package 3 Length	15.75 in (40 cm)

## Offer Sustainability

Sustainable offer status	Green Premium product
REACH Regulation	<a href="#">REACH Declaration</a>
REACH free of SVHC	Yes
EU RoHS Directive	Pro-active compliance (Product out of EU RoHS legal scope) <a href="#">EU RoHS Declaration</a>
Toxic heavy metal free	Yes
Mercury free	Yes
RoHS exemption information	<a href="#">Yes</a>
China RoHS Regulation	<a href="#">China RoHS declaration</a>
Environmental Disclosure	<a href="#">Product Environmental Profile</a>

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Circularity Profile	<a href="#">End of Life Information</a>
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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### Contractual warranty

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Warranty	18 months
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