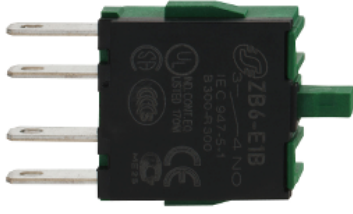


# Product data sheet

Specifications



Contact block, Harmony XB6, single contact, for head 16mm, silver alloy, faston connector, 1NC

ZB6E2B

## 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	Faston connector
Contacts material	Silver alloy (Ag/Ni)

## Complementary

Terminals description ISO n°1	(1-2)NC
Net weight	0.004 kg
Positive opening	With 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 (pollution degree 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 and 1 mA with confidence level of 90 % conforming to EN/IEC 60947-5-4

## Environment

Protective treatment	TC
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<b>Ambient air temperature for storage</b>	-40...70 °C
<b>Ambient air temperature for operation</b>	-25...70 °C
<b>IP degree of protection</b>	IP20 conforming to IEC 60529
<b>Standards</b>	UL 508 JIS C 4520 EN/IEC 60947-5-1 JIS C 852 EN/IEC 60947-1 EN/IEC 60947-5-4 CSA C22.2 No 14
<b>Product certifications</b>	GOST CSA UL CCC
<b>Vibration resistance</b>	+/- 3 mm (f= 2...500 Hz) conforming to IEC 60068-2-6 5 gn (f= 2...500 Hz) conforming to IEC 60068-2-6
<b>Shock resistance</b>	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

<b>Unit Type of Package 1</b>	PCE
<b>Number of Units in Package 1</b>	1
<b>Package 1 Height</b>	2.2 cm
<b>Package 1 Width</b>	6.5 cm
<b>Package 1 Length</b>	3.2 cm
<b>Package 1 Weight</b>	2.0 g
<b>Unit Type of Package 2</b>	BB1
<b>Number of Units in Package 2</b>	10
<b>Package 2 Height</b>	2.2 cm
<b>Package 2 Width</b>	6.5 cm
<b>Package 2 Length</b>	3.2 cm
<b>Package 2 Weight</b>	29.0 g
<b>Unit Type of Package 3</b>	S01
<b>Number of Units in Package 3</b>	400
<b>Package 3 Height</b>	15.0 cm
<b>Package 3 Width</b>	15.0 cm
<b>Package 3 Length</b>	40.0 cm
<b>Package 3 Weight</b>	1.354 kg

## Offer Sustainability

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

<b>Environmental Disclosure</b>	<a href="#">Product Environmental Profile</a>
<b>Circularity Profile</b>	<a href="#">End of Life Information</a>
<b>WEEE</b>	The product must be disposed on European Union markets following specific waste collection and never end up in rubbish bins
<b>California proposition 65</b>	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 <a href="http://www.P65Warnings.ca.gov">www.P65Warnings.ca.gov</a>

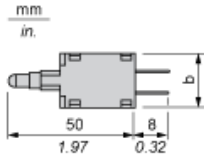
## Contractual warranty

<b>Warranty</b>	18 months
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**Body for Pilot Light**

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**Dimensions**



**b** 13.5 mm/0.53 in.

**Recommended replacement(s)**