

# Product data sheet

Specifications



Contact block, Harmony XAC, single contact, spring return, 1 speed, front mounting, screw clamp terminal, 1NO

ZB2BE101

## Main

Range of product	Harmony XAC
Product or component type	Contact block
Component name	ZB2
Electrical circuit type	Control circuit
Contact block application	Single speed
Contact block type	Single
Type of operator	Spring return
Product compatibility	XB4 XAPS2 XACA XB5
Contacts type and composition	1 NO
Mounting of block	Front mounting
Contact operation	Slow-break

## Complementary

Connections - terminals	Screw clamps terminals, 1 x 2.5 mm <sup>2</sup> with or without cable end Screw clamps terminals, 2 x 1.5 mm <sup>2</sup> with or without cable end
Mechanical durability	1000000 cycles
Contact code designation	A600 AC-15, U <sub>e</sub> = 240 V, I <sub>e</sub> = 3 A conforming to IEC 947-5-1 appendix A A600 AC-15, U <sub>e</sub> = 600 V, I <sub>e</sub> = 1.2 A conforming to IEC 947-5-1 appendix A Q600 DC-13, U <sub>e</sub> = 250 V, I <sub>e</sub> = 0.27 A conforming to IEC 947-5-1 appendix A Q600 DC-13, U <sub>e</sub> = 600 V, I <sub>e</sub> = 0.1 A conforming to IEC 947-5-1 appendix A
[I <sub>th</sub> e] conventional enclosed thermal current	10 A
[U <sub>i</sub> ] rated insulation voltage	600 V (pollution degree 3) conforming to IEC 60947-1
[U <sub>imp</sub> ] rated impulse withstand voltage	6 kV conforming to IEC 60947-1
Maximum resistance across terminals	25 MOhm
Operating force	13...15 N
Short-circuit protection	10 A fuse protection by cartridge fuse type gG (gl)
Rated operational power in W	40 W DC-13 for 1000000 cycles, operating rate <3600 cyc/h at 120 V, load factor = 0.5 conforming to IEC 60947-5-1 48 W DC-13 for 1000000 cycles, operating rate <3600 cyc/h at 48 V, load factor = 0.5 conforming to IEC 60947-5-1

<b>Terminals description ISO n°1</b>	(13-14)NO
<b>Net weight</b>	0.02 kg

## Environment

<b>Standards</b>	EN/IEC 60947-5-1 UL 508 EN/IEC 60204-32 CSA C22.2 No 14
<b>Ambient air temperature for operation</b>	-25...70 °C
<b>Ambient air temperature for storage</b>	-40...70 °C
<b>Vibration resistance</b>	15 gn (f= 10...500 Hz) conforming to IEC 60068-2-6
<b>Shock resistance</b>	100 gn conforming to IEC 60068-2-27
<b>Electrical shock protection class</b>	Class II conforming to IEC 61140

## Packing Units

<b>Unit Type of Package 1</b>	PCE
<b>Number of Units in Package 1</b>	1
<b>Package 1 Height</b>	2.0 cm
<b>Package 1 Width</b>	4.0 cm
<b>Package 1 Length</b>	4.0 cm
<b>Package 1 Weight</b>	14.0 g
<b>Unit Type of Package 2</b>	BAG
<b>Number of Units in Package 2</b>	10
<b>Package 2 Height</b>	4.0 cm
<b>Package 2 Width</b>	10.0 cm
<b>Package 2 Length</b>	15.0 cm
<b>Package 2 Weight</b>	147.0 g
<b>Unit Type of Package 3</b>	S01
<b>Number of Units in Package 3</b>	200
<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>	3.225 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>RoHS exemption information</b>	<a href="#">Yes</a>

<b>China RoHS Regulation</b>	<a href="#">China RoHS declaration</a>
<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: Lead and lead compounds, which is known to the State of California to cause cancer and 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
-----------------	-----------

## Recommended replacement(s)