

# Product data sheet

Specifications



Contact block, Harmony XAC, single contact, spring return, 1 speed, front mounting, screw clamp terminal, 1NC

ZB2BE102

## 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         | XACA<br>XB4<br>XB5 |
| Contacts type and composition | 1 NC               |
| 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<br>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<br>A600 AC-15, U <sub>e</sub> = 600 V, I <sub>e</sub> = 1.2 A conforming to IEC 947-5-1 appendix A<br>Q600 DC-13, U <sub>e</sub> = 250 V, I <sub>e</sub> = 0.27 A conforming to IEC 947-5-1 appendix A<br>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<br>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<br>65 W DC-13 for 1000000 cycles, operating rate <3600 cyc/h at 24 V, load factor = 0.5 conforming to IEC 60947-5-1   |

|                               |           |
|-------------------------------|-----------|
| Terminals description ISO n°1 | (11-12)NC |
| Net weight                    | 0.02 kg   |

## Environment

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

## Packing Units

|                              |          |
|------------------------------|----------|
| Unit Type of Package 1       | PCE      |
| Number of Units in Package 1 | 1        |
| Package 1 Height             | 4 cm     |
| Package 1 Width              | 14 cm    |
| Package 1 Length             | 10 cm    |
| Package 1 Weight             | 15 g     |
| Unit Type of Package 2       | BAG      |
| Number of Units in Package 2 | 10       |
| Package 2 Height             | 4 cm     |
| Package 2 Width              | 14 cm    |
| Package 2 Length             | 10 cm    |
| Package 2 Weight             | 157 g    |
| Unit Type of Package 3       | S01      |
| Number of Units in Package 3 | 200      |
| Package 3 Height             | 15 cm    |
| Package 3 Width              | 15 cm    |
| Package 3 Length             | 40 cm    |
| Package 3 Weight             | 3.449 kg |

## Offer Sustainability

|                            |   |
|----------------------------|---|
| 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)<br><a href="#">EU RoHS Declaration</a>                           |
| Toxic heavy metal free     | Yes   |
| Mercury free               | Yes   |
| China RoHS Regulation      | <a href="#">China RoHS declaration</a>  |
| RoHS exemption information | <a href="#">Yes</a>   |
| WEEE                       | The product must be disposed on European Union markets following specific waste collection and never end up in rubbish bins |

**California proposition 65**

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 [www.P65Warnings.ca.gov](http://www.P65Warnings.ca.gov)

**Contractual warranty**

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Warranty 18 months

**Recommended replacement(s)**