# Product data sheet
## Characteristics

# ZBE702
Single contact block, Harmony XB4, silver alloy, pins for printed circuit board, 1NC




## Main

| | |
|---|---|
| Range of product | Harmony XB4<br>Harmony XB5 |
| Product or component type | Contact block |
| Device short name | ZBE |
| Sale per indivisible quantity | 10 |
| IP degree of protection | IP20 conforming to IEC 60529 |
| Contact operation | Slow-break |
| Contact block type | Single |
| Contacts usage | Standard contacts |
| Connections - terminals | Pins for printed circuit board |

## Complementary

| | |
|---|---|
| Net weight | 0.011 Kg |
| Contacts type and composition | 1 NC |
| Positive opening | With conforming to IEC 60947-5-1 appendix K |
| Operating travel | 1.5 Mm (NC changing electrical state)<br>4.3 Mm (total travel) |
| Operating force | 2 N NC changing electrical state |
| Mechanical durability | 5000000 Cycles |
| Contacts material | Silver alloy (Ag/Ni) |
| Short-circuit protection | 4 A cartridge fuse type gG conforming to IEC 60947-5-1 |
| [Ith] conventional free air thermal current | 6 A conforming to IEC 60947-5-1 |
| [Ui] rated insulation voltage | 250 V (pollution degree 3) conforming to IEC 60947-1 |
| [Uimp] rated impulse withstand voltage | 4 KV conforming to IEC 60947-1 |
| [Ie] rated operational current | 3 A at 120 V, AC-15, B300 conforming to IEC 60947-5-1<br>1.5 A at 240 V, AC-15, B300 conforming to IEC 60947-5-1<br>0.1 A at 250 V, DC-13, R300 conforming to IEC 60947-5-1<br>0.22 A at 125 V, DC-13, R300 conforming to IEC 60947-5-1 |

## Environment

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|---|---|
| Protective treatment | TH |
| Ambient air temperature for storage | -40…70 °C |
| Ambient air temperature for operation | -25…70 °C |
| Standards | IEC 60947-5-4<br>JIS C8201-5-1<br>UL 508<br>IEC 60947-5-1<br>CSA C22.2 No 14<br>IEC 60947-1<br>JIS C8201-1 |
| Product certifications | BV[RETURN]UL[RETURN]CSA[RETURN]DNV[RETURN]LROS (Lloyds register of shipping) |
| Vibration resistance | 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<br>50 gn (duration = 11 ms) for half sine wave acceleration conforming to IEC 60068-2-27 |

## Packing Units

| | |
|---|---|
| Unit Type of Package 1 | PCE |
| Number of Units in Package 1 | 1 |
| Package 1 Height | 0.7 Cm |
| Package 1 Width | 2.0 Cm |
| Package 1 Length | 3.0 Cm |
| Package 1 Weight | 2.0 G |
| Unit Type of Package 2 | BB1 |
| Number of Units in Package 2 | 10 |
| Package 2 Height | 6.6 Cm |
| Package 2 Width | 2.3 Cm |
| Package 2 Length | 3.4 Cm |
| Package 2 Weight | 24.0 G |
| Unit Type of Package 3 | S01 |
| Number of Units in Package 3 | 400 |
| Package 3 Height | 15 Cm |
| Package 3 Width | 15 Cm |
| Package 3 Length | 40 Cm |
| Package 3 Weight | 1.135 Kg |

## Offer Sustainability

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|---|---|
| Recyclability potential, in % | 98 |
| Total lifecycle Carbon footprint | 0 kg CO2 eq. |
| Carbon footprint of the manufacturing phase [A1 to A3] | 0.012401334074485824 |
| Carbon footprint of the manufacturing phase [A1 to A3] | 0 kg CO2 eq. |
| Carbon footprint of the distribution phase [A4] | 0.00026153418565869925 |
| Carbon footprint of the distribution phase [A4] | 0 kg CO2 eq. |
| Carbon footprint of the installation phase [A5] | 0.0014086714841578655 |
| Carbon footprint of the installation phase [A5] | 0 kg CO2 eq. |
| Carbon footprint of the use phase [B2, B3, B4, B6] | 0 |
| REACh free of SVHC | Yes |
| Carbon footprint of the use phase [B2, B3, B4, B6] | 0 kg CO2 eq. |
| Toxic heavy metal free | Yes |
| Mercury free | Yes |
| Sustainable packaging | Yes |
| Carbon footprint of the end-of-life phase [C1 to C4] | 0.0036321289605336293 |
| Carbon footprint of the end-of-life phase [C1 to C4] | 0 kg CO2 eq. |
| Environmental Disclosure | Product Environmental Profile |
| Total lifecycle Carbon footprint | 1 |
| Average percentage of recycled plastic content | 23 % |

| | |
|---|---|
| Average percentage of recycled metal content | 13 % |
| Packaging made with recycled cardboard | Yes |
| Packaging without single use plastic | Yes |
| REACh Regulation | Free of Substances of Very High Concern above the threshold |
| EU RoHS Directive | Compliant |
| California proposition 65 | WARNING: This product can expose you to chemicals including: Di-isodecyl phthalate (DIDP), |
| End of life manual availability | No need of specific recycling operations |
| Take-back | No |
| WEEE Label | The product must be disposed on European Union markets following specific waste collection a |

## Contractual warranty

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|---|---|
| Warranty (in months) | 18 |

Product Life Status : Commercialised