# Product data sheet
## Characteristics

# ZB6Z1B
Complete body for push buttons or selector switches, Harmony XB6, single contact, with body fixing collar, faston connector, 1NO




## Main

| | |
|---|---|
| Range of product | Harmony XB6 |
| Product or component type | Complete body for push-buttons or selector switches |
| Device short name | ZB6 |
| Fixing collar material | Plastic |
| Sale per indivisible quantity | 1 |
| Contacts type and composition | 1 NO |
| Contact operation | Slow-break |
| Connections - terminals | Faston connector<br>Faston connector, connection size: 2.8 x 0.5 mm |
| [Us] rated supply voltage | <= 250 V |

## Complementary

| | |
|---|---|
| CAD overall width | 18 Mm |
| CAD overall height | 18 Mm |
| CAD overall depth | 40 Mm |
| Terminals description ISO n°1 | (13-14)NO |
| Net weight | 0.004 Kg |
| Contacts usage | Standard |
| Positive opening | With conforming to IEC 60947-5-1 appendix K |
| Operating travel | 2 Mm (NO changing electrical state)<br>4.3 Mm (total travel) |
| Operating force | 1.6 N NO changing electrical state |
| Contacts material | Silver alloy (Ag/Ni) |
| Short-circuit protection | 6 A cartridge fuse type gG conforming to IEC 60947-5-1 |
| [Ie] rated operational current | 3 A at 120 V, AC-15, B300<br>1.5 A at 240 V, AC-15, B300<br>0.1 A at 250 V, DC-13, R300<br>0.22 A at 125 V, DC-13, R300 |
| Electrical durability | 1000000 Cycles, AC-15, 2 A at 230 V, operating rate <3600 cyc/h, load factor: 0.5 conforming t<br>1000000 Cycles, DC-15, 2 A at 230 V, operating rate <3600 cyc/h, load factor: 0.5 conforming |
| Electrical reliability | Λ = 10exp(-8) at 5 V and 1 mA with confidence level of 90 % conforming to IEC 60947-5-4 |

## Environment

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|---|---|
| Protective treatment | TC |
| Ambient air temperature for storage | -40…70 °C |
| Ambient air temperature for operation | -25…70 °C |
| Electrical shock protection class | Class II conforming to IEC 61140 |
| IP degree of protection | IP65 conforming to IEC 60529 |
| Standards | JIS C 852<br>IEC 60947-5-5<br>IEC 60947-1<br>CSA C22.2 No 14<br>IEC 60947-5-1<br>UL 508<br>JIS C 4520 |
| Product certifications | GOST[RETURN]UL[RETURN]CCC[RETURN]CSA |
| Vibration resistance | +/- 3 mm (f= 2…500 Hz) conforming to IEC 60068-2-6<br>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

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|---|---|
| Unit Type of Package 1 | PCE |
| Number of Units in Package 1 | 1 |
| Package 1 Height | 0.2 Cm |
| Package 1 Width | 11.0 Cm |
| Package 1 Length | 16.0 Cm |
| Package 1 Weight | 6.0 G |
| Unit Type of Package 2 | S01 |
| Number of Units in Package 2 | 100 |
| Package 2 Height | 15 Cm |
| Package 2 Width | 15 Cm |
| Package 2 Length | 40 Cm |
| Package 2 Weight | 800.0 G |

## Offer Sustainability

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|---|---|
| Recyclability potential, in % | 17 |
| Total lifecycle Carbon footprint | 0.2 kg CO2 eq. |
| Carbon footprint of the manufacturing phase [A1 to A3] | 0.1340361146 |
| Carbon footprint of the manufacturing phase [A1 to A3] | 0.1 kg CO2 eq. |
| Carbon footprint of the distribution phase [A4] | 0.0007845953 |
| Carbon footprint of the distribution phase [A4] | 0 kg CO2 eq. |
| Carbon footprint of the installation phase [A5] | 0.0006764384 |
| Carbon footprint of the installation phase [A5] | 0 kg CO2 eq. |
| Carbon footprint of the use phase [B2, B3, B4, B6] | 0.0311050302 |
| 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 | No |
| Carbon footprint of the end-of-life phase [C1 to C4] | 0.0108859278 |
| 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 |
| Packaging made with recycled cardboard | Yes |
| Packaging without single use plastic | No |
| 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 | End Of Life Information |
| 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