



Main

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| 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 Faston connector, connection size: 2.8 x 0.5 mm |
| [Us] rated supply voltage | <= 250 V |

Complementary

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| 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 EN/IEC 60947-5-1 appendix K |
| Operating travel | 2 Mm (NO changing electrical state) 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 EN/IEC 60947-5-1 |
| [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, 2 A at 230 V, operating rate <3600 cyc/h, load factor: 0.5 conforming to EN/IEC 60947-5-1 appendix C 1000000 cycles, DC-15, 2 A 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 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 EN/IEC 60947-5-5 EN/IEC 60947-1 CSA C22.2 No 14 EN/IEC 60947-5-1 UL 508 JIS C 4520 |

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| Product certifications | GOST UL CCC CSA |
| Vibration resistance | +/- 3 mm (f= 2...500 Hz) conforming to IEC 60068-2-6 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 50 gn (duration = 11 ms) for half sine wave acceleration conforming to IEC 60068-2-27 |

Packing Units

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| Package 1 Weight | 0.006 kg |
| Package 1 Height | 0.020 dm |
| Package 1 width | 1.100 dm |
| Package 1 Length | 1.600 dm |

Offer Sustainability

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|----------------------------|---|
| Sustainable offer status | Green Premium product |
| REACH Regulation | REACH Declaration |
| REACH free of SVHC | Yes |
| EU RoHS Directive | Pro-active compliance (Product out of EU RoHS legal scope) EU RoHS Declaration |
| Toxic heavy metal free | Yes |
| Mercury free | Yes |
| RoHS exemption information | Yes |
| China RoHS Regulation | China RoHS Declaration |
| Environmental Disclosure | Product Environmental Profile |
| Circularity Profile | End Of Life Information |
| WEEE | The product must be disposed on European Union markets following specific waste collection and never end up in rubbish bins |

Contractual warranty

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| Warranty | 18 months |
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Body for Pushbutton, Selector Switch or Key Switch

Dimensions

