



## 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 + 1 NC   |
| 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  | (11-12)NC  |
| Net weight                     | 0.006 kg   |
| Contacts usage                 | Standard   |
| Positive opening               | With conforming to EN/IEC 60947-5-1 appendix K   |
| Operating travel               | 1 Mm (NC changing electrical state)<br>2 Mm (NO changing electrical state)<br>4.3 mm (total travel)  |
| Operating force                | 1.6 N NO changing electrical state<br>2.5 N NC 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<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 to EN/IEC 60947-5-1 appendix C<br>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

|                                       |                                  |
|---------------------------------------|----------------------------------|
| 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 4520<br>EN/IEC 60947-5-1<br>UL 508<br>CSA C22.2 No 14<br>EN/IEC 60947-5-5<br>JIS C 852<br>EN/IEC 60947-1   |
| Product certifications | GOST<br>CSA<br>UL<br>CCC   |
| 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

|                  |          |
|------------------|----------|
| Package 1 Weight | 0.009 kg |
| Package 1 Height | 0.250 dm |
| Package 1 width  | 0.250 dm |
| Package 1 Length | 0.400 dm |

## Offer Sustainability

|                            |   |
|----------------------------|---|
| Sustainable offer status   | Green Premium product   |
| 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) <a href="#">EU RoHS Declaration</a>                              |
| Toxic heavy metal free     | Yes   |
| Mercury free               | Yes   |
| RoHS exemption information | <a href="#">Yes</a>   |
| China RoHS Regulation      | <a href="#">China RoHS Declaration</a>  |
| Environmental Disclosure   | <a href="#">Product Environmental Profile</a>   |
| Circularity Profile        | <a href="#">End Of Life Information</a>   |
| WEEE                       | The product must be disposed on European Union markets following specific waste collection and never end up in rubbish bins |

## Contractual warranty

|          |           |
|----------|-----------|
| Warranty | 18 months |
|----------|-----------|

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Body for Pushbutton, Selector Switch or Key Switch

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Dimensions

