

# Product datasheet

Specifications



## Harmony XB4, Single contact block, silver alloy, spring clamp terminal, 1 NC

ZBE1025

### Main

|                               |                              |
|-------------------------------|------------------------------|
| Range of product              | Harmony XB5<br>Harmony XB4   |
| Product or component type     | Contact block                |
| Device short name             | ZBE                          |
| Sale per indivisible quantity | 4                            |
| IP degree of protection       | IP20 conforming to IEC 60529 |
| Contact operation             | Slow-break                   |
| Contact block type            | Single                       |
| Contacts usage                | Standard contacts            |
| Connections - terminals       | Spring clamp terminals       |

### Complementary

|                               |                                                                   |
|-------------------------------|-------------------------------------------------------------------|
| Net weight                    | 0.011 kg                                                          |
| Contacts type and composition | 1 NC                                                              |
| Positive opening              | With conforming to EN/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         | 10000000 cycles                                                   |
| Contacts material             | Silver alloy (Ag/Ni)                                              |
| Mounting of block             | Front mounting                                                    |
| Electrical composition code   | C11 (quantity <= 3)<br>C14 (quantity <= 2)<br>M10 (quantity <= 2) |
| Device presentation           | Basic element                                                     |

### Environment

|                                       |             |
|---------------------------------------|-------------|
| Protective treatment                  | TH          |
| Ambient air temperature for storage   | -40...70 °C |
| Ambient air temperature for operation | -40...70 °C |
| Standards                             | UL 508      |

|                        |                                                                                                                                                                                |
|------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|                        | EN/IEC 60947-1<br>EN/IEC 60947-5-1<br>CSA C22.2 No 14<br>JIS C8201-5-1<br>EN/IEC 60947-5-4<br>JIS C8201-1                                                                      |
| Product certifications | BV<br>CCC<br>GL<br>LROS (Lloyds register of shipping)<br>GOST<br>DNV<br>CSA<br>UL                                                                                              |
| 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 Weight             | 10.0 g  |
| Package 1 Height             | 1 cm    |
| Package 1 width              | 3 cm    |
| Package 1 Length             | 4.5 cm  |
| Unit Type of Package 2       | S02     |
| Number of Units in Package 2 | 320     |
| Package 2 Weight             | 3.74 kg |
| Package 2 Height             | 15 cm   |
| Package 2 width              | 30 cm   |
| Package 2 Length             | 40 cm   |
| Unit Type of Package 3       | BB1     |
| Number of Units in Package 3 | 4       |
| Package 3 Weight             | 43.0 g  |
| Package 3 Height             | 5.6 cm  |
| Package 3 width              | 4.4 cm  |
| Package 3 Length             | 5.4 cm  |

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)<br><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 |
|----------|-----------|