# Product data sheet

Specifications




## Harmony XB4, Single contact block, silver alloy, gold flashed, screw clamp terminal, dusty environment, 1 NO

ZBE1016P

**Product availability : Stock - Normally stocked in distribution facility**

**Price* : 32.80 USD**

## Main

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|---|---|
| **Range of product** | Harmony XB4<br>Harmony XB5 |
| **Product or Component Type** | Contact block |
| **Device short name** | ZBE |
| **Sale per indivisible quantity** | 5 |
| **IP degree of protection** | IP5x |
| **Contact operation** | Slow-break |
| **Contact block type** | Single |
| **Contacts usage** | Low power switching contacts |
| **Connections - terminals** | Screw clamp terminals, <= 2 x 1.5 mm² with cable end EN 60947-1<br>Screw clamp terminals, >= 1 x 0.22 mm² without cable end EN 60947-1 |

## Complementary

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|---|---|
| **Product Weight** | 0.03 lb(US) (0.012 kg) |
| **Contacts type and composition** | 1 NO |
| **Positive opening** | Without |
| **Operating travel** | 0.10 in (2.6 mm) NO changing electrical state)<br>0.17 in (4.3 mm) total travel) |
| **Operating force** | 2.3 N NO changing electrical state |
| **Mechanical durability** | 10000000 cycles |
| **Tightening torque** | 7.08…10.62 lbf.in (0.8…1.2 N.m) EN 60947-1 |
| **Shape of screw head** | Cross compatible with pozidriv No 1 screwdriver<br>Slotted compatible with flat Ø 4 mm screwdriver<br>Slotted compatible with flat Ø 5.5 mm screwdriver |
| **Contacts material** | Gold flashed (Ag/Ni/Au) contacts |
| **Short-circuit protection** | 10 A cartridge fuse gG EN/IEC 60947-5-1 |
| **[Ith] conventional free air thermal current** | 10 A EN/IEC 60947-5-1 |
| **[Ui] rated insulation voltage** | 600 V 3)EN 60947-1 |
| **[Uimp] rated impulse withstand voltage** | 6 kV EN 60947-1 |

* Price is “List Price” and may be subject to a trade discount – check with your local distributor or retailer for actual price.

Disclaimer: This documentation is not intended as a substitute for and is not to be used for determining suitability or reliability of these products for specific user applications

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| **[Ie] rated operational current** | 3 A 240 V, AC-15, A600 EN/IEC 60947-5-1<br>6 A 120 V, AC-15, A600 EN/IEC 60947-5-1<br>0.1 A 600 V, DC-13, Q600 EN/IEC 60947-5-1<br>0.27 A 250 V, DC-13, Q600 EN/IEC 60947-5-1<br>0.55 A 125 V, DC-13, Q600 EN/IEC 60947-5-1<br>1.2 A 600 V, AC-15, A600 EN/IEC 60947-5-1 |
| **Electrical durability** | 1000000 cycles, AC-15, 2 A 230 V 3600 cyc/h 0.5 EN/IEC 60947-5-1 appendix C<br>1000000 cycles, AC-15, 3 A 120 V 3600 cyc/h 0.5 EN/IEC 60947-5-1 appendix C<br>1000000 cycles, AC-15, 4 A 24 V 3600 cyc/h 0.5 EN/IEC 60947-5-1 appendix C<br>1000000 cycles, DC-13, 0.2 A 110 V 3600 cyc/h 0.5 EN/IEC 60947-5-1 appendix C<br>1000000 cycles, DC-13, 0.5 A 24 V 3600 cyc/h 0.5 EN/IEC 60947-5-1 appendix C |
| **Mounting of block** | Front mounting |
| **Electrical composition code** | C9 3)<br>M5 2)<br>M9 2) |

## Environment

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|---|---|
| **Protective treatment** | TH |
| **Ambient Air Temperature for Storage** | -40…158 °F (-40…70 °C) |
| **Ambient Air Temperature for Operation** | -40…158 °F (-40…70 °C) |
| **Standards** | CSA C22.2 No 14<br>UL 508<br>EN/IEC 60947-5-1<br>JIS C8201-5-1<br>EN/IEC 60947-5-4<br>EN/IEC 60947-1<br>JIS C8201-1 |
| **Product Certifications** | CSA<br>BV<br>GL<br>GOST<br>LROS (Lloyds register of shipping)<br>DNV<br>UL<br>CCC |
| **Vibration resistance** | 5 gn 2…500 Hz)IEC 60068-2-6 |
| **Shock resistance** | 30 gn 18 ms) half sine wave acceleration IEC 60068-2-27<br>50 gn 11 ms) half sine wave acceleration IEC 60068-2-27 |

## Ordering and shipping details

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|---|---|
| **Category** | 22469 - PUSHBUTTON,22MM ACCESSORIES-NEW |
| **Discount Schedule** | CS2 |
| **GTIN** | 3389110862836 |
| **Nbr. of units in pkg.** | 1 |
| **Package weight(Lbs)** | 0.39 oz (11 g) |
| **Returnability** | Yes |
| **Country of origin** | FR |

## Packing Units

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|---|---|
| **Unit Type of Package 1** | PCE |
| **Package 1 Height** | 1.73 in (4.4 cm) |
| **Package 1 width** | 2.13 in (5.4 cm) |
| **Package 1 Length** | 2.36 in (6 cm) |
| **Unit Type of Package 2** | S02 |
| **Number of Units in Package 2** | 400 |
| **Package 2 Weight** | 10.80 lb(US) (4.898 kg) |

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|---|---|
| **Package 2 Height** | 5.91 in (15 cm) |
| **Package 2 width** | 11.81 in (30 cm) |
| **Package 2 Length** | 15.75 in (40 cm) |
| **Unit Type of Package 3** | BB1 |
| **Number of Units in Package 3** | 5 |
| **Package 3 Weight** | 2.01 oz (57 g) |
| **Package 3 Height** | 1.73 in (4.4 cm) |
| **Package 3 width** | 2.13 in (5.4 cm) |
| **Package 3 Length** | 2.36 in (6 cm) |

## Offer Sustainability

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| **Sustainable offer status** | Green Premium product |
| **California proposition 65** | WARNING: This product can expose you to chemicals including: Di-isodecyl phthalate (DIDP), which is known to the State of California to cause birth defects or other reproductive harm. For more information go to www.P65Warnings.ca.gov |
| **REACh Regulation** | REACh Declaration |
| **REACh free of SVHC** | Yes |
| **EU RoHS Directive** | Pro-active compliance (Product out of EU RoHS legal scope)<br>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 |