# Product data sheet

Specifications




## Double contact block, Harmony XB4, silver alloy, screw clamp terminal, 2NO

ZBE203

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

## Main

| | |
|---|---|
| **Range of Product** | Harmony XB5<br>Harmony XB4 |
| **Product or Component Type** | Contact block |
| **Device short name** | ZBE |
| **Sale per indivisible quantity** | 5 |
| **IP degree of protection** | IP20 IEC 60529 |
| **Contact operation** | Slow-break |
| **Contact block type** | Double |
| **Contacts usage** | Standard contacts |
| **Connections - terminals** | Screw clamp terminals, <= 2 x 1.5 mm² with cable end IEC 60947-1<br>Screw clamp terminals, >= 1 x 0.22 mm² without cable end IEC 60947-1 |

## Complementary

| | |
|---|---|
| **Net Weight** | 0.04 lb(US) (0.02 kg) |
| **Contacts type and composition** | 2 NO |
| **Positive opening** | Without |
| **Operating travel** | 0.1 in (2.6 mm) NO changing electrical state)<br>0.2 in (4.3 mm) total travel) |
| **Operating force** | 5 N NO changing electrical state |
| **Mechanical durability** | 10000000 cycles |
| **Tightening torque** | 7.08…10.6 lbf.in (0.8…1.2 N.m) IEC 60947-1 |
| **Shape of screw head** | Cross pozidriv No 1<br>Slotted flat Ø 4 mm<br>Slotted flat Ø 5.5 mm |
| **Contacts material** | Silver alloy (Ag/Ni) |
| **Short-circuit protection** | 10 A cartridge fuse gG IEC 60947-5-1 |
| **[Ith] conventional free air thermal current** | 10 A IEC 60947-5-1 |
| **[Ui] rated insulation voltage** | 600 V 3)IEC 60947-1 |
| **[Uimp] rated impulse withstand voltage** | 6 kV IEC 60947-1 |
| **[Ie] rated operational current** | 3 A 240 V, AC-15, A600 IEC 60947-5-1<br>6 A 120 V, AC-15, A600 IEC 60947-5-1<br>0.1 A 600 V, DC-13, Q600 IEC 60947-5-1<br>0.27 A 250 V, DC-13, Q600 IEC 60947-5-1<br>0.55 A 125 V, DC-13, Q600 IEC 60947-5-1<br>1.2 A 600 V, AC-15, A600 IEC 60947-5-1 |

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

| | |
|---|---|
| **Electrical durability** | 1000000 cycles, AC-15, 1 A 230 V 3600 cyc/h 0.5 IEC 60947-5-1 appendix C<br>1000000 cycles, AC-15, 1.5 A 120 V 3600 cyc/h 0.5 IEC 60947-5-1 appendix C<br>1000000 cycles, AC-15, 3 A 24 V 3600 cyc/h 0.5 IEC 60947-5-1 appendix C<br>1000000 cycles, DC-13, 0.15 A 110 V 3600 cyc/h 0.5 IEC 60947-5-1 appendix C<br>1000000 cycles, DC-13, 0.4 A 24 V 3600 cyc/h 0.5 IEC 60947-5-1 appendix C |
| **Mounting of block** | Front mounting |
| **Electrical composition code** | C2 3)<br>C4 2)<br>C6 2)<br>C8 1)<br>C10 2)<br>C13 3)<br>M2 2)<br>M4 2)<br>M8 2) |
| **Device presentation** | Basic element |

## Environment

| | |
|---|---|
| **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>IEC 60947-1<br>IEC 60947-5-4<br>IEC 60947-5-1<br>JIS C8201-5-1<br>UL 508<br>JIS C8201-1 |
| **Product Certifications** | GOST<br>DNV<br>CSA<br>UL<br>LROS (Lloyds register of shipping)<br>CCC<br>BV |
| **Vibration resistance** | 5 gn (f= 2…500 Hz) conforming to 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

| | |
|---|---|
| **Category** | US10CS222469 |
| **Discount Schedule** | 0CS2 |
| **GTIN** | 3389110119169 |
| **Returnability** | Yes |
| **Country of origin** | FR |

## Packing Units

| | |
|---|---|
| **Unit Type of Package 1** | PCE |
| **Nbr. of units in pkg.** | 1 |
| **Package 1 Height** | 2.283 in (5.800 cm) |
| **Package 1 Width** | 1.732 in (4.400 cm) |
| **Package 1 Length** | 2.047 in (5.200 cm) |
| **Package weight(Lbs)** | 0.600 oz (17.000 g) |
| **Unit Type of Package 2** | BB1 |

| | |
|---|---|
| **Number of Units in Package 2** | 5 |
| **Package 2 Height** | 2.283 in (5.800 cm) |
| **Package 2 Width** | 1.732 in (4.400 cm) |
| **Package 2 Length** | 2.047 in (5.200 cm) |
| **Package 2 Weight** | 3.316 oz (94.000 g) |
| **Unit Type of Package 3** | S02 |
| **Number of Units in Package 3** | 400 |
| **Package 3 Height** | 5.9 in (15 cm) |
| **Package 3 Width** | 11.8 in (30 cm) |
| **Package 3 Length** | 15.7 in (40 cm) |
| **Package 3 Weight** | 17.084 lb(US) (7.749 kg) |

## Contractual warranty

| | |
|---|---|
| **Warranty (in months)** | 18 |

## Environmental Data

Schneider Electric aims to achieve Net Zero status by 2050 through supply chain partnerships, lower impact materials, and circularity via our ongoing “Use Better, Use Longer, Use Again” campaign to extend product lifetimes and recyclability.

Environmental Data explained >

How we assess product sustainability >

### Environmental footprint

| | |
|---|---|
| Total lifecycle Carbon footprint | **0.2 kg CO2 eq.** |
| Carbon footprint of the manufacturing phase [A1 to A3] | **0.1 kg CO2 eq.** |
| Carbon footprint of the distribution phase [A4] | **0 kg CO2 eq.** |
| Carbon footprint of the installation phase [A5] | **0 kg CO2 eq.** |
| Carbon footprint of the use phase [B2, B3, B4, B6] | **0 kg CO2 eq.** |
| Carbon footprint of the end-of-life phase [C1 to C4] | **0 kg CO2 eq.** |
| Environmental Disclosure | **Product Environmental Profile** |

## Use Better

### Materials and Substances

| | |
|---|---|
| Average percentage of recycled plastic content | **23 %** |
| Average percentage of recycled metal content | **13 %** |
| Packaging made with recycled cardboard | **Yes** |
| Packaging without single use plastic | **Yes** |
| EU RoHS Directive | **Compliant** |
| REACh Regulation | **Free of Substances of Very High Concern above the threshold** |
| 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** |

## Use Longer

### Lifetime extension

| | |
|---|---|
| Repair | **No** |

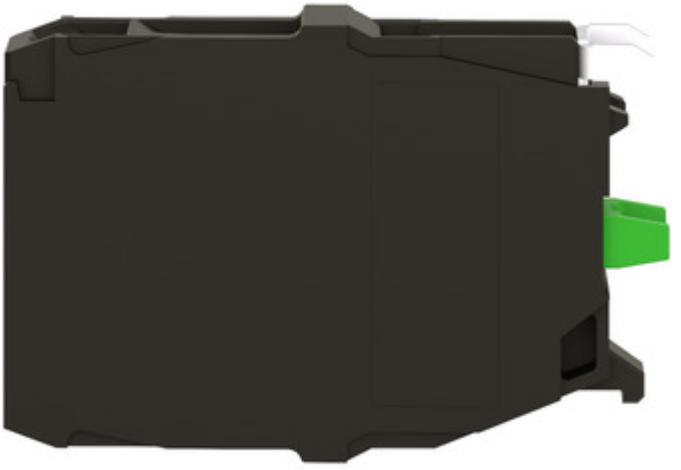
## Use Again

### Repack and remanufacture

| | |
|---|---|
| Recyclability potential, in % | **98** |
| Circularity Profile | **No need of specific recycling operations** |
| Take-back | **No** |
| WEEE Label | **The product must be disposed on European Union markets following specific waste collection and never end up in rubbish bins.** |

Image of product / Alternate images

**Alternative**












NO
3
3
NO
4
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