



Main

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| Range of product | Harmony XB4 Harmony XB5 |
| Product or component type | Contact block |
| Device short name | ZBE |
| Sale per indivisible quantity | 5 |
| IP degree of protection | IP20 conforming to IEC 60529 |
| Contact operation | Early make |
| Contact block type | Single |
| Contacts usage | Staggered contacts |
| Connections - terminals | Screw clamp terminals, $\leq 2 \times 1.5 \text{ mm}^2$ with cable end conforming to EN 60947-1 Screw clamp terminals, $\geq 1 \times 0.22 \text{ mm}^2$ without cable end conforming to EN 60947-1 |

Complementary

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| Net weight | 0.011 Kg |
| Contacts type and composition | 1 NO |
| Positive opening | Without |
| Operating travel | 2.6 Mm (NO changing electrical state) 4.3 Mm (total travel) |
| Operating force | 2.3 N NO changing electrical state |
| Mechanical durability | 10000000 Cycles |
| Tightening torque | 0.8...1.2 N.M conforming to EN 60947-1 |
| Shape of screw head | Cross compatible with pozidriv No 1 screwdriver Slotted compatible with flat $\varnothing 4 \text{ mm}$ screwdriver Slotted compatible with flat $\varnothing 5.5 \text{ mm}$ screwdriver |
| Contacts material | Silver alloy (Ag/Ni) |
| Short-circuit protection | 10 A cartridge fuse type gG conforming to EN/IEC 60947-5-1 |
| [I _{th}] conventional free air thermal current | 10 A conforming to EN/IEC 60947-5-1 |
| [U _i] rated insulation voltage | 600 V (pollution degree 3) conforming to EN 60947-1 |
| [U _{imp}] rated impulse withstand voltage | 6 KV conforming to EN 60947-1 |
| [I _e] rated operational current | 3 A at 240 V, AC-15, A300 conforming to EN/IEC 60947-5-1 6 A at 120 V, AC-15, A300 conforming to EN/IEC 60947-5-1 0.1 A at 600 V, DC-13, Q300 conforming to EN/IEC 60947-5-1 0.27 A at 250 V, DC-13, Q300 conforming to EN/IEC 60947-5-1 0.55 A at 125 V, DC-13, Q300 conforming to EN/IEC 60947-5-1 |

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| 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, AC-15, 3 A at 120 V, operating rate <3600 cyc/h, load factor: 0.5 conforming to EN/IEC 60947-5-1 appendix C 1000000 Cycles, AC-15, 4 A at 24 V, operating rate <3600 cyc/h, load factor: 0.5 conforming to EN/IEC 60947-5-1 appendix C 1000000 Cycles, DC-13, 0.2 A at 110 V, operating rate <3600 cyc/h, load factor: 0.5 conforming to EN/IEC 60947-5-1 appendix C 1000000 Cycles, DC-13, 0.5 A at 24 V, operating rate <3600 cyc/h, load factor: 0.5 conforming to EN/IEC 60947-5-1 appendix C |
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| Mounting of block | Front mounting |
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| Electrical composition code | C1 (quantity <= 9) C2 (quantity <= 7) C3 (quantity <= 6) C4 (quantity <= 4) C5 (quantity <= 5) C6 (quantity <= 3) C7 (quantity <= 4) C8 (quantity <= 2) C9 (quantity <= 3) C12 (quantity <= 6) M1 (quantity <= 6) M2 (quantity <= 4) M3 (quantity <= 4) M5 (quantity <= 2) M6 (quantity <= 2) M7 (quantity <= 6) M8 (quantity <= 4) M9 (quantity <= 2) SF1 (quantity <= 3) SF2 (quantity <= 2) MF1 (quantity <= 2) MF2 (quantity <= 2) C10 (quantity <= 2) M4 (quantity <= 2) C13 (quantity <= 1) |
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Environment

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| Protective treatment | TH |
| Ambient air temperature for storage | -40...70 °C |
| Ambient air temperature for operation | -40...70 °C |
| Standards | UL 508 EN/IEC 60947-5-4 EN/IEC 60947-1 JIS C8201-5-1 EN/IEC 60947-5-1 CSA C22.2 No 14 JIS C8201-1 |
| Product certifications | DNV GOST BV UL CCC GL CSA LROS (Lloyds register of shipping) |
| 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 50 gn (duration = 11 ms) for half sine wave acceleration conforming to IEC 60068-2-27 |

Packing Units

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| Unit Type of Package 1 | PCE |
| Number of Units in Package 1 | 1 |
| Package 1 Weight | 9.0 G |
| Package 1 Height | 0.1 Cm |
| Package 1 width | 4.3 Cm |
| Package 1 Length | 4 Cm |
| Unit Type of Package 2 | BB1 |
| Number of Units in Package 2 | 5 |

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| Package 2 Weight | 52.0 G |
| Package 2 Height | 5.6 Cm |
| Package 2 width | 4.3 Cm |
| Package 2 Length | 4 Cm |
| Unit Type of Package 3 | S03 |
| Number of Units in Package 3 | 800 |
| Package 3 Weight | 8.797 Kg |
| Package 3 Height | 30 Cm |
| Package 3 width | 30 Cm |
| Package 3 Length | 40 Cm |

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 |
| 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 |

Contractual warranty

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| Warranty | 18 months |
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Product Life Status : **Commercialised**