



## Main

|                               |  |
|-------------------------------|--|
| 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       | IP20 conforming to IEC 60529   |
| Contact operation             | Slow-break   |
| Contact block type            | Single   |
| Contacts usage                | Low power switching contacts   |
| Connections - terminals       | Screw clamp terminals, $\leq 2 \times 1.5 \text{ mm}^2$ with cable end conforming to IEC 60947-1<br>Screw clamp terminals, $\geq 1 \times 0.22 \text{ mm}^2$ without cable end conforming to IEC 60947-1 |

## Complementary

|   |  |
|---|--|
| Net weight                                  | 0.012 kg   |
| Contacts type and composition               | 1 NO   |
| Positive opening                            | Without  |
| Operating travel                            | 2.6 Mm (NO changing electrical state)<br>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 IEC 60947-1  |
| Shape of screw head                         | Cross compatible with pozidriv No 1 screwdriver<br>Slotted compatible with flat $\varnothing 4 \text{ mm}$ screwdriver<br>Slotted compatible with flat $\varnothing 5.5 \text{ mm}$ screwdriver  |
| Contacts material                           | Gold flashed (Ag/Ni/Au) contacts   |
| Short-circuit protection                    | 10 A cartridge fuse type gG conforming to IEC 60947-5-1  |
| [Ith] conventional free air thermal current | 10 A conforming to IEC 60947-5-1   |
| [Ui] rated insulation voltage               | 600 V (pollution degree 3) conforming to IEC 60947-1   |
| [Uimp] rated impulse withstand voltage      | 6 kV conforming to IEC 60947-1   |
| [Ie] rated operational current              | 3 A at 240 V, AC-15, A600 conforming to IEC 60947-5-1<br>6 A at 120 V, AC-15, A600 conforming to IEC 60947-5-1<br>0.1 A at 600 V, DC-13, Q600 conforming to IEC 60947-5-1<br>0.27 A at 250 V, DC-13, Q600 conforming to IEC 60947-5-1<br>0.55 A at 125 V, DC-13, Q600 conforming to IEC 60947-5-1<br>1.2 A at 600 V, AC-15, A600 conforming to IEC 60947-5-1   |
| Electrical durability                       | 1000000 Cycles, AC-15, 2 A at 230 V, operating rate $< 3600 \text{ cyc/h}$ , load factor: 0.5 conforming to IEC 60947-5-1 appendix C<br>1000000 Cycles, AC-15, 3 A at 120 V, operating rate $< 3600 \text{ cyc/h}$ , load factor: 0.5 conforming to IEC 60947-5-1 appendix C<br>1000000 Cycles, AC-15, 4 A at 24 V, operating rate $< 3600 \text{ cyc/h}$ , load factor: 0.5 conforming to IEC 60947-5-1 appendix C<br>1000000 Cycles, DC-13, 0.2 A at 110 V, operating rate $< 3600 \text{ cyc/h}$ , load factor: 0.5 conforming to IEC 60947-5-1 appendix C<br>1000000 cycles, DC-13, 0.5 A at 24 V, operating rate $< 3600 \text{ cyc/h}$ , load factor: 0.5 conforming to IEC 60947-5-1 appendix C |

The information provided in this documentation contains general descriptions and/or technical characteristics of the performance of the products contained herein. 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. It is the duty of any such user or integrator to perform the appropriate and complete risk analysis, evaluation and testing of the products with respect to the relevant specific application or use thereof. Neither Schneider Electric Industries SAS nor any of its affiliates or subsidiaries shall be responsible or liable for misuse of the information contained herein.

|                             |   |
|-----------------------------|---|
| Mounting of block           | Front mounting  |
| Electrical composition code | C1 (quantity <= 9)<br>C2 (quantity <= 7)<br>C3 (quantity <= 6)<br>C4 (quantity <= 4)<br>C5 (quantity <= 5)<br>C6 (quantity <= 3)<br>C7 (quantity <= 4)<br>C8 (quantity <= 2)<br>C9 (quantity <= 3)<br>C12 (quantity <= 6)<br>M1 (quantity <= 6)<br>M2 (quantity <= 4)<br>M3 (quantity <= 4)<br>M5 (quantity <= 2)<br>M6 (quantity <= 2)<br>M7 (quantity <= 6)<br>M8 (quantity <= 4)<br>M9 (quantity <= 2)<br>SF1 (quantity <= 3)<br>SF2 (quantity <= 2)<br>MF1 (quantity <= 2)<br>MF2 (quantity <= 2)<br>C10 (quantity <= 2)<br>M4 (quantity <= 2)<br>C13 (quantity <= 1) |

## Environment

|                                       |  |
|---------------------------------------|--|
| Protective treatment                  | TH   |
| Ambient air temperature for storage   | -40...70 °C  |
| Ambient air temperature for operation | -40...70 °C  |
| Standards                             | UL 508<br>IEC 60947-5-1<br>CSA C22.2 No 14<br>IEC 60947-5-4<br>IEC 60947-1<br>JIS C8201-5-1<br>JIS C8201-1   |
| Product certifications                | DNV[RETURN]GL[RETURN]JUL[RETURN]CSA[RETURN]LROS (Lloyds register of shipping)[RETURN]BV[RETURN]GOST  |
| 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 Height             | 4.4 cm   |
| Package 1 Width              | 5.4 cm   |
| Package 1 Length             | 5.8 cm   |
| Package 1 Weight             | 9 g      |
| Unit Type of Package 2       | BB1      |
| Number of Units in Package 2 | 5        |
| Package 2 Height             | 5.8 cm   |
| Package 2 Width              | 4.4 cm   |
| Package 2 Length             | 5.4 cm   |
| Package 2 Weight             | 52 g     |
| Unit Type of Package 3       | S02      |
| Number of Units in Package 3 | 400      |
| Package 3 Height             | 15 cm    |
| Package 3 Width              | 30 cm    |
| Package 3 Length             | 40 cm    |
| Package 3 Weight             | 4.476 kg |

## 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   |
| China RoHS Regulation      | <a href="#">China RoHS Declaration</a>  |
| RoHS exemption information | <a href="#">Yes</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

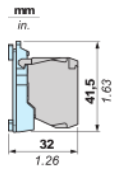
|          |           |
|----------|-----------|
| Warranty | 18 months |
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Dimensions

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with ZB5AZ009 Fixing Collar



with ZB4BZ009 Fixing Collar

