



Main

| | |
|-------------------------------|--|
| 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 IEC 60529 |
| Contact operation | Late-break |
| Contact block type | Single |
| Contacts usage | Staggered contacts |
| Connections - terminals | Screw clamp terminals, $\leq 2 \times 1.5 \text{ mm}^2$ with cable end IEC 60947-1 Screw clamp terminals, $\geq 1 \times 0.22 \text{ mm}^2$ without cable end IEC 60947-1 |

Complementary

| | |
|--|--|
| Net Weight | 0.02 lb(US) (0.011 kg) |
| Contacts type and composition | 1 NC |
| Positive opening | With IEC 60947-5-1 appendix K |
| Operating travel | 0.17 in (4.3 mm) total travel) 0.09 in (2.4 mm) NC changing electrical state) |
| Operating force | 2 N NC changing electrical state |
| Mechanical durability | 10000000 cycles |
| Tightening torque | 7.08...10.62 lbf.in (0.8...1.2 N.m) IEC 60947-1 |
| Shape of screw head | Cross pozidriv No 1 Slotted flat $\varnothing 4 \text{ mm}$ Slotted flat $\varnothing 5.5 \text{ mm}$ |
| Contacts material | Silver alloy (Ag/Ni) |
| Short-circuit protection | 10 A cartridge fuse gG IEC 60947-5-1 |
| [I _{th}] conventional free air thermal current | 10 A IEC 60947-5-1 |
| [U _i] rated insulation voltage | 600 V 3)IEC 60947-1 |
| [U _{imp}] rated impulse withstand voltage | 6 kV IEC 60947-1 |
| [I _e] rated operational current | 3 A 240 V, AC-15, A600 IEC 60947-5-1 6 A 120 V, AC-15, A600 IEC 60947-5-1 0.1 A 600 V, DC-13, Q600 IEC 60947-5-1 0.27 A 250 V, DC-13, Q600 IEC 60947-5-1 0.55 A 125 V, DC-13, Q600 IEC 60947-5-1 1.2 A 600 V, AC-15, A600 IEC 60947-5-1 |
| Electrical durability | 1000000 Cycles, AC-15, 2 A 230 V 3600 cyc/h 0.5 IEC 60947-5-1 appendix C 1000000 Cycles, AC-15, 3 A 120 V 3600 cyc/h 0.5 IEC 60947-5-1 appendix C 1000000 Cycles, AC-15, 4 A 24 V 3600 cyc/h 0.5 IEC 60947-5-1 appendix C 1000000 Cycles, DC-13, 0.2 A 110 V 3600 cyc/h 0.5 IEC 60947-5-1 appendix C 1000000 cycles, DC-13, 0.5 A 24 V 3600 cyc/h 0.5 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 9) C2 7) C3 6) C4 4) C5 5) C6 3) C7 4) C8 2) C9 3) C12 6) M1 6) M2 4) M3 4) M5 2) M6 2) M7 6) M8 4) M9 2) SF1 3) SF2 2) MF1 2) MF2 2) C10 2) M4 2) C13 1) |

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 | IEC 60947-5-4 IEC 60947-1 JIS C8201-5-1 UL 508 CSA C22.2 No 14 IEC 60947-5-1 JIS C8201-1 |
| Product Certifications | DNV[RETURN]JUL[RETURN]LROS (Lloyds register of shipping) [RETURN]CSA[RETURN]BV[RETURN]GOST[RETURN]CCC[RETURN]JGL |
| 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 50 gn 11 ms) half sine wave acceleration IEC 60068-2-27 |

Ordering and shipping details

| | |
|-------------------|---------------------------------------|
| Category | 22469-PUSHBUTTON,22MM ACCESSORIES-NEW |
| Discount Schedule | CS2 |
| GTIN | 3389110177459 |
| Returnability | Yes |
| Country of origin | FR |

Packing Units

| | |
|------------------------------|--------------------|
| Unit Type of Package 1 | PCE |
| Number of Units in Package 1 | 1 |
| Package 1 Height | 0.43 in (1.100 cm) |
| Package 1 Width | 1.18 in (3.000 cm) |
| Package 1 Length | 1.34 in (3.400 cm) |
| Package 1 Weight | 0.32 oz (9.000 g) |
| Unit Type of Package 2 | BB1 |
| Number of Units in Package 2 | 5 |
| Package 2 Height | 2.36 in (6.000 cm) |
| Package 2 Width | 1.77 in (4.500 cm) |
| Package 2 Length | 2.17 in (5.500 cm) |
| Package 2 Weight | 1.83 oz (52.000 g) |
| Unit Type of Package 3 | S03 |

| | |
|------------------------------|-------------------------|
| Number of Units in Package 3 | 800 |
| Package 3 Height | 11.81 in (30.000 cm) |
| Package 3 Width | 11.81 in (30.000 cm) |
| Package 3 Length | 15.75 in (40.000 cm) |
| Package 3 Weight | 19.30 lb(US) (8.753 kg) |

Offer Sustainability

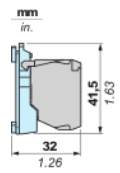
| | |
|----------------------------|---|
| Sustainable offer status | Green Premium product |
| California proposition 65 | WARNING: This product can expose you to chemicals including: Di-isodecyl phthalate (DIDP), which is known to the State of California to cause birth defects or other reproductive 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) EU RoHS Declaration |
| Toxic heavy metal free | Yes |
| Mercury free | Yes |
| China RoHS Regulation | China RoHS Declaration |
| RoHS exemption information | Yes |
| 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

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

Dimensions

with ZB5AZ009 Fixing Collar



with ZB4BZ009 Fixing Collar

