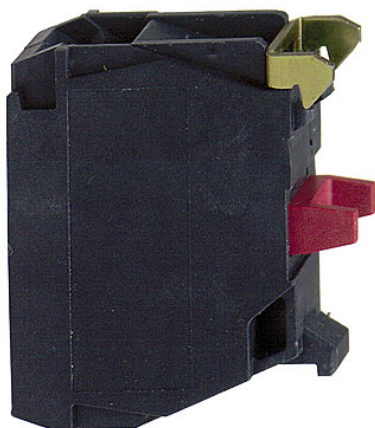


# ZBE1026P

single contact block for head Ø22 1NC gold  
flashed screw clamp terminal



## Main

|                               |                                                                                                                                                                                                          |
|-------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Range of product              | Harmony XB4<br>Harmony XB5                                                                                                                                                                               |
| Product or component type     | Contact block                                                                                                                                                                                            |
| Device short name             | ZBE                                                                                                                                                                                                      |
| Sale per indivisible quantity | 5                                                                                                                                                                                                        |
| Contacts type and composition | 1 NC                                                                                                                                                                                                     |
| Contacts operation            | Slow-break                                                                                                                                                                                               |
| Contact block type            | Single                                                                                                                                                                                                   |
| Contacts usage                | Low power switching contacts                                                                                                                                                                             |
| Connections - terminals       | Screw clamp terminals : $\geq 1 \times 0.22 \text{ mm}^2$ without cable end conforming to EN 60947-1<br>Screw clamp terminals : $\leq 2 \times 1.5 \text{ mm}^2$ with cable end conforming to EN 60947-1 |

## Complementary

|                                                          |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |
|----------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Contacts material                                        | Gold flashed (Ag/Ni/Au) contacts                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |
| Short circuit protection                                 | 10 A cartridge fuse type gG conforming to EN/IEC 60947-5-1                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |
| [I <sub>th</sub> ] conventional free air thermal current | 10 A conforming to EN/IEC 60947-5-1                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |
| [U <sub>i</sub> ] rated insulation voltage               | 600 V (degree of pollution: 3) conforming to EN 60947-1                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |
| [U <sub>imp</sub> ] rated impulse withstand voltage      | 6 kV conforming to EN 60947-1                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |
| [I <sub>e</sub> ] rated operational current              | 0.1 A at 600 V , DC-13 , Q600 conforming to EN/IEC 60947-5-1<br>0.27 A at 250 V , DC-13 , Q600 conforming to EN/IEC 60947-5-1<br>0.55 A at 125 V , DC-13 , Q600 conforming to EN/IEC 60947-5-1<br>1.2 A at 600 V , AC-15 , A600 conforming to EN/IEC 60947-5-1<br>3 A at 240 V , AC-15 , A600 conforming to EN/IEC 60947-5-1<br>6 A at 120 V , AC-15 , A600 conforming to EN/IEC 60947-5-1                                                                                                                                                                                                                                                                                    |
| Electrical durability                                    | 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<br>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<br>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<br>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<br>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 |
| Electrical reliability IEC 60947-5-4                     | $\Lambda < 10\exp(-7)$ at 5 V , 1 mA dusty environment conforming to EN/IEC 60947-5-4                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |
| Product weight                                           | 0.012 kg                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |
| Positive opening                                         | With positive opening conforming to EN/IEC 60947-5-1 appendix K                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |
| Operating travel                                         | 1.5 mm (NC changing electrical state)<br>4.3 mm (total travel)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |
| Operating force                                          | 2 N (NC changing electrical state)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |
| Mechanical durability                                    | 500000 cycles                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |
| Tightening torque                                        | 0.8...1.2 N.m conforming to EN 60947-1                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |
| Shape of screw head                                      | Cross head compatible with pozidriv No 1 screwdriver<br>Cross head compatible with Philips no 1 screwdriver<br>Slotted head compatible with flat Ø 4 mm screwdriver<br>Slotted head compatible with flat Ø 5.5 mm screwdriver                                                                                                                                                                                                                                                                                                                                                                                                                                                 |

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.

## Environment

|                                       |                                                                                                                                                      |
|---------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------|
| Protective treatment                  | TH                                                                                                                                                   |
| Ambient air temperature for storage   | -40...70 °C                                                                                                                                          |
| Ambient air temperature for operation | -25...70 °C                                                                                                                                          |
| IP degree of protection               | IP5x                                                                                                                                                 |
| Standards                             | CSA C22-2 No 14<br>EN/IEC 60947-1<br>EN/IEC 60947-5-1<br>EN/IEC 60947-5-4<br>EN/IEC 60947-5-5<br>JIS C 4520<br>UL 508                                |
| Product certifications                | BV<br>CSA<br>DNV (Det Norske Veritas)<br>GL<br>LROS (Lloyds register of shipping)<br>RINA<br>UL                                                      |
| Vibration resistance                  | 5 gn (f = 2...500 Hz) conforming to IEC 60068-2-6                                                                                                    |
| Shock resistance                      | 30 gn for 18 ms half sine wave acceleration conforming to IEC 60068-2-27<br>50 gn for 11 ms half sine wave acceleration conforming to IEC 60068-2-27 |
| RoHS EUR conformity date              | 0727                                                                                                                                                 |
| RoHS EUR status                       | Compliant                                                                                                                                            |