



## 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 IEC 60529                 |
| Contacts type and composition | 1 NC                           |
| Contact operation             | Slow-break                     |
| Contact block type            | Single                         |
| Contacts usage                | Standard contacts              |
| Connections - terminals       | Pins for printed circuit board |

## Complementary

|                                             |                                                                                                                                                                         |
|---------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Product weight                              | 0.02 lb(US) (0.011 kg)                                                                                                                                                  |
| Positive opening                            | With EN/IEC 60947-5-1 appendix K                                                                                                                                        |
| Operating travel                            | 0.06 in (1.5 mm) NC changing electrical state<br>0.17 in (4.3 mm) total travel                                                                                          |
| Operating force                             | 2 N NC changing electrical state                                                                                                                                        |
| Mechanical durability                       | 5000000 cycles                                                                                                                                                          |
| Contacts material                           | Silver alloy (Ag/Ni)                                                                                                                                                    |
| Short-circuit protection                    | 4 A cartridge fuse gG EN/IEC 60947-5-1                                                                                                                                  |
| [Ith] conventional free air thermal current | 6 A EN/IEC 60947-5-1                                                                                                                                                    |
| [Ui] rated insulation voltage               | 250 V 3 EN 60947-1                                                                                                                                                      |
| [Uimp] rated impulse withstand voltage      | 4 kV EN 60947-1                                                                                                                                                         |
| [Ie] rated operational current              | 3 A 120 V AC-15 B300 EN/IEC 60947-5-1<br>1.5 A 240 V AC-15 B300 EN/IEC 60947-5-1<br>0.1 A 250 V DC-13 R300 EN/IEC 60947-5-1<br>0.22 A 125 V DC-13 R300 EN/IEC 60947-5-1 |
| Electrical reliability                      | $\Lambda < 10\exp(-7)$ 1 mA in clean environment EN/IEC 60947-5-4<br>$\Lambda < 10\exp(-8)$ 5 mA in clean environment EN/IEC 60947-5-4                                  |
| Compatibility code                          | ZBE                                                                                                                                                                     |

## Environment

|                                       |                                                                                                                  |
|---------------------------------------|------------------------------------------------------------------------------------------------------------------|
| protective treatment                  | TH                                                                                                               |
| ambient air temperature for storage   | -40...158 °F (-40...70 °C)                                                                                       |
| ambient air temperature for operation | -13...158 °F (-25...70 °C)                                                                                       |
| standards                             | EN/IEC 60947-1<br>EN/IEC 60947-5-1<br>EN/IEC 60947-5-4<br>JIS C 4520<br>UL 508<br>CSA C22.2 No 14                |
| product certifications                | BV<br>CSA<br>DNV<br>GL<br>LROS (Lloyds register of shipping)<br>RINA<br>UL                                       |
| 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<br>50 gn 11 ms half sine wave acceleration IEC 60068-2-27 |

The information provided in this documentation contains general descriptions and/or technical characteristics 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.

Offer Sustainability

|                                                                                                                            |                                                                                                                            |
|----------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------|
| WARNING: This product can expose you to chemicals including:                                                               | WARNING: This product can expose you to chemicals including:                                                               |
| Nickel compounds, which is known to the State of California to cause cancer, and                                           | Nickel compounds, which is known to the State of California to cause cancer, and                                           |
| Di-isodecyl phthalate (DIDP), which is known to the State of California to cause birth defects or other reproductive harm. | 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 <a href="http://www.p65warnings.ca.gov">www.p65warnings.ca.gov</a>                              | For more information go to <a href="http://www.p65warnings.ca.gov">www.p65warnings.ca.gov</a>                              |

Contractual warranty

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