



### 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
Contacts type and composition	1 NO
Contact operation	Slow-break
Contact block type	Single
Contacts usage	Standard contacts
Connections - terminals	Pins for printed circuit board

### Complementary

Product weight	0.011 kg
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	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 1.5 A 240 V AC-15 B300 EN/IEC 60947-5-1 0.1 A 250 V DC-13 R300 EN/IEC 60947-5-1 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 $\Lambda < 10\exp(-8)$ 5 mA in clean environment EN/IEC 60947-5-4
Compatibility code	ZBE

Disclaimer: 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

## Environment

Protective treatment	TH
Ambient air temperature for storage	-40...70 °C
Ambient air temperature for operation	-25...70 °C
Standards	EN/IEC 60947-1 EN/IEC 60947-5-1 EN/IEC 60947-5-4 JIS C 4520 UL 508 CSA C22.2 No 14
Product certifications	BV CSA DNV GL LROS (Lloyds register of shipping) RINA 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 50 gn 11 ms half sine wave acceleration IEC 60068-2-27

## Contractual warranty

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