



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	Early make
Contact block type	Single
Contacts usage	Staggered contacts
Connections - terminals	Faston connector 1 x 6.35 mm Faston connector 2 x 2.8 mm

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	10000000 cycles
Contacts material	Silver alloy (Ag/Ni)
[Ui] rated insulation voltage	250 V 3 EN 60947-1
Electrical reliability	$\Lambda < 10\text{exp}(-7)$ 1 mA in clean environment EN/IEC 60947-5-4 $\Lambda < 10\text{exp}(-8)$ 5 mA in clean environment EN/IEC 60947-5-4
Mounting of block	Front mounting
Condition of use	Mounting on push-button collar
Electrical composition code	C1 <= 9 C2 <= 7 C3 <= 6 C4 <= 4 C5 <= 5 C6 <= 3 C7 <= 4 C8 <= 2 C9 <= 3

BE2013

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

Compatibility code	ZBE
--------------------	-----

Environment

Protective treatment	TH
Ambient air temperature for storage	-40...70 °C
Ambient air temperature for operation	-40...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
-----------------	-----------