



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 NC
Contact operation	Slow-break
Contact block type	Single
Contacts usage	Standard contacts
Connections - terminals	Screw terminals for lug

Complementary

Positive opening	With EN/IEC 60947-5-1 appendix K
Operating travel	0.06 in (1.5 mm) NC changing electrical state 0.17 in (4.3 mm) total travel
Operating force	2 N NC changing electrical state
Mechanical durability	10000000 cycles
Contacts material	Silver alloy (Ag/Ni)
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 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...158 °F (-40...70 °C)
ambient air temperature for operation	-40...158 °F (-40...70 °C)
standards	EN/IEC 60947-1 EN/IEC 60947-5-1 EN/IEC 60947-5-4

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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
