

# ZBE1029

single contact block for head Ø22 1NC silver alloy  
screw terminal for lugs



## 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
Contacts 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	1.5 mm NC changing electrical state 4.3 mm total travel
Operating force	2 N NC changing electrical state
Mechanical durability	5000000 cycles
Contacts material	Silver alloy (Ag/Ni)
Electrical reliability IEC 60947-5-4	$\Lambda < 10\text{exp}(-8)$ at 17 V, 5 mA in clean environment conforming to EN/IEC 60947-5-4 $\Lambda < 10\text{exp}(-7)$ at 5 V, 1 mA in clean environment conforming to 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

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

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
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## Environment

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