



## 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 + 1 NC
Contact operation	Slow-break
Contact block type	Double
Contacts usage	Standard contacts
Connections - terminals	Faston connector 1 x 6.35 mm Faston connector 2 x 2.8 mm

## Complementary

Product weight	0.02 kg
Positive opening	With EN/IEC 60947-5-1 appendix K
Operating travel	1.5 mm NC changing electrical state 2.6 mm NO changing electrical state 4.3 mm total travel
Operating force	4.6 N NC + 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	C2 <= 3 C4 <= 2 C6 <= 2 C8 <= 1 C10 <= 2 C13 <= 3 M2 <= 2 M4 <= 2

ZBE2053

M8 <= 2

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  
CSA C22.2 No 14  
UL 508  
JIS C 4520

Product certifications

UL  
BV  
DNV  
LROS (Lloyds register of shipping)  
CSA  
GL  
RINA

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