



Main

Range of product	Harmony XB5 Harmony XB4
Product or component type	Contact block
Device short name	ZBE
Sale per indivisible quantity	5
IP degree of protection	IP20 conforming to IEC 60529
Contacts type and composition	1 NO
Contact operation	Slow-break
Contact block type	Single
Contacts usage	Standard contacts
Connections - terminals	Faston connector, connection size: 1 x 6.35 mm Faston connector, connection size: 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 (pollution degree 3) conforming to EN 60947-1
Electrical reliability	$\Lambda < 10\text{exp}(-7)$, 1 mA in clean environment conforming to EN/IEC 60947-5-4 $\Lambda < 10\text{exp}(-8)$, 5 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 (quantity <= 9) C2 (quantity <= 7) C3 (quantity <= 6) C4 (quantity <= 4) C5 (quantity <= 5) C6 (quantity <= 3) C7 (quantity <= 4) C8 (quantity <= 2)





C9 (quantity <= 3)
 C12 (quantity <= 6)
 M1 (quantity <= 6)
 M2 (quantity <= 4)
 M3 (quantity <= 4)
 M5 (quantity <= 2)
 M6 (quantity <= 2)
 M7 (quantity <= 6)
 M8 (quantity <= 4)
 M9 (quantity <= 2)
 SF1 (quantity <= 3)
 SF2 (quantity <= 2)
 MF1 (quantity <= 2)
 MF2 (quantity <= 2)
 C10 (quantity <= 2)
 M4 (quantity <= 2)
 C13 (quantity <= 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	-40...70 °C
Standards	EN/IEC 60947-5-4 JIS C 4520 UL 508 CSA C22.2 No 14 EN/IEC 60947-1 EN/IEC 60947-5-1
Product certifications	GL RINA CSA UL DNV LROS (Lloyds register of shipping) BV
Vibration resistance	5 gn (f= 2...500 Hz) conforming to IEC 60068-2-6
Shock resistance	30 gn (duration = 18 ms) for half sine wave acceleration conforming to IEC 60068-2-27 50 gn (duration = 11 ms) for half sine wave acceleration conforming to IEC 60068-2-27

Offer Sustainability

Sustainable offer status	Green Premium product
REACH Regulation	 REACH Declaration
EU RoHS Directive	Pro-active compliance (Product out of EU RoHS legal scope)  EU RoHS Declaration
Environmental Disclosure	 Product Environmental Profile
Circularity Profile	 End of Life Information

Contractual warranty

Warranty	18 months
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