

# Product data sheets

Jul 28, 2015

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### Main

Range of product	Harmony XAC
Product or component type	Contact block
Component name	ZB2
Electrical circuit type	Control circuit
Contact block application	Single speed
Contact block type	Single
Type of operator	Spring return
Product compatibility	XACA XAPS2 XB4 XB5
Contacts type and composition	1 NO
Mounting of block	Front mounting
Contacts operation	Slow-break

### Complementary

Connections - terminals	Screw clamps terminals (2 x 1.5 mm <sup>2</sup> )with or without cable end Screw clamps terminals (1 x 2.5 mm <sup>2</sup> )with or without cable end
Mechanical durability	1000000 cycles
Contact code designation	Q600 DC-13, U <sub>e</sub> = 600 V, I <sub>e</sub> = 0.1 A conforming to IEC 947-5-1 appendix A Q600 DC-13, U <sub>e</sub> = 250 V, I <sub>e</sub> = 0.27 A conforming to IEC 947-5-1 appendix A A600 AC-15, U <sub>e</sub> = 600 V, I <sub>e</sub> = 1.2 A conforming to IEC 947-5-1 appendix A A600 AC-15, U <sub>e</sub> = 240 V, I <sub>e</sub> = 3 A conforming to IEC 947-5-1 appendix A
[I <sub>th</sub> ] conventional enclosed thermal current	10 A
[U <sub>i</sub> ] rated insulation voltage	600 V (degree of pollution: 3) conforming to IEC 60947-1
[U <sub>imp</sub> ] rated impulse withstand voltage	6 kV conforming to IEC 60947-1
Resistance across terminals	<= 25 MOhm
Operating force	13...15 N
Short circuit protection	Fuse protection by 10 A gG (gl) cartridge fuse
Rated operational power in W	65 W DC-13 for 1000000 cycles, operating rate: 3600 cyc/h at 24 V, load factor = 0.5 conforming to IEC 60947-5-1 48 W DC-13 for 1000000 cycles, operating rate: 3600 cyc/h at 48 V, load factor = 0.5 conforming to IEC 60947-5-1 40 W DC-13 for 1000000 cycles, operating rate: 3600 cyc/h at 120 V, load factor = 0.5 conforming to IEC 60947-5-1
Terminals description ISO n°1	(13-14)NO
Product weight	0.02 kg

### Environment

Standards	EN/IEC 60204-32 EN/IEC 60947-5-1 UL 508 CSA C22.2 No 14
Ambient air temperature for operation	-25...70 °C
Ambient air temperature for storage	-40...70 °C
Vibration resistance	15 gn (f = 10...500 Hz) conforming to IEC 60068-2-6
Shock resistance	100 gn conforming to IEC 60068-2-27
Class of protection against electric shock	Class II conforming to IEC 61140





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