



contact block ZB2 - 1 NO contact - spring return

ZB2BE101C

Main

Range of product	Easy Harmony XB2	
Product or component type	Complete body/contact assembly	
Component name	ZB2	
Electrical circuit type	Control circuit	
Contact block application	Single speed	
Contact block type	Single	
Product compatibility	ZB2C	
Contacts type and composition	1 NO	
Mounting of block	Front mounting	
Sale per indivisible quantity	1	
Device short name	XB2	
Device presentation	Basic element	
Body type	Body for control button	
Contact operation	Slow-break	

Complementary

Mechanical durability	3000000 cycles
Contact code designation	A600 AC-15, Ue = 240 V, Ie = 3 A conforming to IEC 947-5-1 appendix A A600 AC-15, Ue = 600 V, Ie = 1.2 A conforming to IEC 947-5-1 appendix A Q600 DC-13, Ue = 250 V, Ie = 0.27 A conforming to IEC 947-5-1 appendix A Q600 DC-13, Ue = 600 V, Ie = 0.1 A conforming to IEC 947-5-1 appendix A
[Ithe] conventional enclosed thermal current	10 A
[Ui] rated insulation voltage	600 V (pollution degree 3) conforming to IEC 60947-1
[Uimp] rated impulse withstand voltage	6 kV conforming to IEC 60947-1
Maximum resistance across terminals	25 MOhm
Operating force	35 N
Short-circuit protection	10 A fuse protection by cartridge fuse type gG (gl)
Rated operational power in W	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 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 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
Terminals description ISO n°1	(13-14)NO
Net weight	0.015 kg

Height	29 mm	
Width	15 mm	
Depth	24 mm	
Connections - terminals	Screw clamps terminals	
Fixing collar material	Zamak	
Connections - terminals	Screw clamps terminals, $1 \times 2.5 \text{ mm}^2$ with or without cable end Screw clamps terminals, $2 \times 1.5 \text{ mm}^2$ with or without cable end	
Contacts material	Silver alloy (Ag/Ni)	
Contacts usage	Standard contacts	
Connections - terminals	Screw clamp terminal, <= 2 x 1.5 mm² with and without cable ends Screw clamp terminal, <= 1 x 2.5 mm² with and without cable ends Screw clamp terminal, >= 1 x 0.5 mm² with and without cable ends Faston terminals, connection size: 6.3 mm	
Electrical durability	1000000 cycles, AC-15, 3 A at 240 V, operating rate <3600 cyc/h, load factor: 0.5 conforming to IEC 60947-5-1 appendix C 1000000 cycles, DC-13, 0.27 A at 250 V, operating rate <3600 cyc/h, load factor: 0.5 conforming to IEC 60947-5-1 appendix C	
Electrical reliability	Λ < 10exp(-6) at 5 V, 1 mA in clean environment conforming to IEC 60947-5-4 Λ < 10exp(-8) at 17 V, 5 mA in clean environment conforming to IEC 60947-5-4	
[le] rated operational current	3 A at 240 V, AC-15, A600 conforming to IEC 60947-5-1 0.27 A at 250 V, DC-13, Q600 conforming to IEC 60947-5-1	
Short-circuit protection	10 A gL fuse type gG conforming to IEC 60947-5-1	
[Ith] conventional free air thermal current	10 A conforming to IEC 60947-5-1	
Positive opening	Without	
Operating travel	2.38 mm (NO changing electrical state) 5 mm (total travel)	
Shape of screw head	Cross compatible with Philips no 1 screwdriver Cross compatible with pozidriv No 1 screwdriver Slotted compatible with flat Ø 4 mm screwdriver Slotted compatible with flat Ø 5.5 mm screwdriver	
Protective treatment	тс/тн	
Customizable	No	
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	
Tightening torque	0.81.0 N.m	
Fixing mode	Fixing screw beneath head recommended torque: 0.8 N.m Fixing screw beneath head recommended torque: 1.0 N.m	

Environment

Ambient air temperature for operation	-2570 °C	
Ambient air temperature for storage	-4070 °C	
Vibration resistance	5 gn (f= 2500 Hz) conforming to IEC 60068-2-6	
Electrical shock protection class	Class II conforming to IEC 61140	
Product certifications	CE CCC	

Standards	IEC 60947-1	
	IEC 60947-5-1	
	IEC 60947-5-4	
	GB/T 14048.1	
	GB/T 14048.5	

Packing Units

Unit Type of Package 1	PCE
Number of Units in Package 1	1
Package 1 Height	1.49 cm
Package 1 Width	2.88 cm
Package 1 Length	2.93 cm
Package 1 Weight	14.9 g
Unit Type of Package 2	S02
Number of Units in Package 2	200
Package 2 Height	15 cm
Package 2 Width	30 cm
Package 2 Length	40 cm
Package 2 Weight	3.5 kg
Unit Type of Package 3	P06
Number of Units in Package 3	4000
Package 3 Height	90 cm
Package 3 Width	60 cm
Package 3 Length	80 cm
Package 3 Weight	66.4 kg



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Transparency RoHS/REACh

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Mercury Free

Rohs Exemption Information

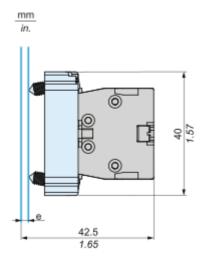
Yes

Certifications & Standards

Reach Regulation	REACh Declaration
Eu Rohs Directive	Pro-active compliance (Product out of EU RoHS legal scope) EU RoHS Declaration
China Rohs Regulation	China RoHS declaration
Environmental Disclosure	Product Environmental Profile
Weee	The product must be disposed on European Union markets following specific waste collection and never end up in rubbish bins
Circularity Profile	No need of specific recycling operations

Dimensions Drawings

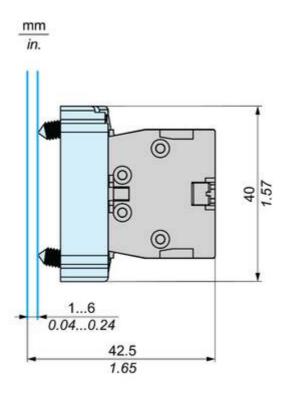
Dimensions



e: clamping thickness 1 to 6 mm / 0.04 to 0.24 in.

Technical Illustration

Dimensions



Offer Marketing Illustration

Product benefits / Features



Product datasheet

ZB2BE101C

Offer Marketing Illustration

Product benefits / Features

Technical Benefits Easy Harmony XB2



Image of product / Alternate images

Alternative











