Product data sheet
Characteristics

ZB6E2A
Contact block, Harmony XB6, single contact, for head 16mm, silver alloy, pins for printed circuit board, 1NC



Main

Range of product	Harmony XB6
Product or component type	Contact block
Device short name	ZB6
Sale per indivisible quantity	10
Contacts type and composition	1 NC
Contact operation	Slow-break
Contact block type	Single
Connections - terminals	Pins for printed circuit board
Contacts material	Silver alloy (Ag/Ni)

Complementary

Terminals description ISO n°1	(1-2)NC
Net weight	0.004 Kg
Positive opening	With conforming to IEC 60947-5-1 appendix K
Operating travel	1 Mm (NC changing electrical state) 3.5 Mm (total travel)
Operating force	2.5 N NC changing electrical state
Mechanical durability	5000000 Cycles
Short-circuit protection	6 A cartridge fuse type gG
[Ui] rated insulation voltage	250 V (pollution degree 3) conforming to IEC 60947-1
[Uimp] rated impulse withstand voltage	4 KV conforming to IEC 60947-1
[Ie] rated operational current	3 A at 120 V, AC-15, B300 1.5 A at 240 V, AC-15, B300 0.1 A at 250 V, DC-13, R300 0.22 A at 125 V, DC-13, R300
Electrical durability	1000000 Cycles, AC-15 at 230 V, operating rate <3600 cyc/h, load factor: 0.5 conforming to IE 1000000 Cycles, DC-13 at 230 V, operating rate <3600 cyc/h, load factor: 0.5 conforming to IE
Electrical reliability	Λ = 10exp(-8) at 5 V and 1 mA with confidence level of 90 % conforming to IEC 60947-5-4

Environment

Protective treatment	TC
Ambient air temperature for storage	-40…70 °C
Ambient air temperature for operation	-25…70 °C
IP degree of protection	IP20 conforming to IEC 60529
Standards	UL 508 JIS C 4520 IEC 60947-1 CSA C22.2 No 14 IEC 60947-5-4 IEC 60947-5-1 JIS C 852
Product certifications	CCC[RETURN]CSA[RETURN]UL[RETURN]GOST
Vibration resistance	+/- 3 mm (f= 2…500 Hz) conforming to IEC 60068-2-6 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

Packing Units

Unit Type of Package 1	PCE
Number of Units in Package 1	1
Package 1 Height	2.2 Cm
Package 1 Width	3.3 Cm
Package 1 Length	6.6 Cm
Package 1 Weight	2.0 G
Unit Type of Package 2	BB1
Number of Units in Package 2	10
Package 2 Height	2.2 Cm
Package 2 Width	3.3 Cm
Package 2 Length	6.6 Cm
Package 2 Weight	24.0 G
Unit Type of Package 3	S01
Number of Units in Package 3	200
Package 3 Height	15 Cm
Package 3 Width	15 Cm
Package 3 Length	40 Cm
Package 3 Weight	671.0 G

Offer Sustainability

Recyclability potential, in %	17
Total lifecycle Carbon footprint	0 kg CO2 eq.
Carbon footprint of the manufacturing phase [A1 to A3]	0.0446787049
Carbon footprint of the manufacturing phase [A1 to A3]	0 kg CO2 eq.
Carbon footprint of the distribution phase [A4]	0.0002615318
Carbon footprint of the distribution phase [A4]	0 kg CO2 eq.
Carbon footprint of the installation phase [A5]	0.0002254795
Carbon footprint of the installation phase [A5]	0 kg CO2 eq.
Carbon footprint of the use phase [B2, B3, B4, B6]	0
REACh free of SVHC	Yes
Carbon footprint of the use phase [B2, B3, B4, B6]	0 kg CO2 eq.
Toxic heavy metal free	Yes
Mercury free	Yes
Sustainable packaging	Yes
Carbon footprint of the end-of-life phase [C1 to C4]	0.0036286426
Carbon footprint of the end-of-life phase [C1 to C4]	0 kg CO2 eq.
Environmental Disclosure	Product Environmental Profile

Total lifecycle Carbon footprint	1
Packaging made with recycled cardboard	Yes
Packaging without single use plastic	Yes
REACh Regulation	Free of Substances of Very High Concern above the threshold
EU RoHS Directive	Compliant
California proposition 65	WARNING: This product can expose you to chemicals including: Di-isodecyl phthalate (DIDP),
End of life manual availability	End Of Life Information
Take-back	No
WEEE Label	The product must be disposed on European Union markets following specific waste collection a

Contractual warranty

Warranty (in months)	18

Product Life Status : Commercialised