

Product Datasheet

Characteristic

ZBE1025

Single contact block, Harmony XB4,
silver alloy, spring clamp terminal, 1NC



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
Contact operation	Slow-break
Contact block type	Single
Contacts usage	Standard contacts
Connections - terminals	Spring clamp terminals

Complementary

CAD overall width	34.3 mm
CAD overall height	14.8 mm
CAD overall depth	9.8 mm
net weight	0.007 kg
Contacts type and composition	1 NC
Positive opening	With conforming to IEC 60947-5-1 appendix K
Operating travel	1.5 mm (NC changing electrical state) 4.3 mm (total travel)
Operating force	2 N NC changing electrical state
Mechanical durability	10000000 cycles
Contacts material	Silver alloy (Ag/Ni)
Mounting of block	Front mounting
Electrical composition code	C11 (quantity <= 3) C14 (quantity <= 2) M10 (quantity <= 2)
device presentation	Basic element

Environment

protective treatment	TH
Ambient air temperature for storage	-40...70 °C
Ambient air temperature for operation	-40...70 °C

Standards	UL 508 IEC 60947-1 IEC 60947-5-1 CSA C22.2 No 14 JIS C8201-5-1 IEC 60947-5-4 JIS C8201-1
Product certifications	BV CCC GL LROS (Lloyds register of shipping) GOST DNV CSA UL
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

Packing Units

Unit Type of Package 1	PCE
Number of Units in Package 1	1
Package 1 Height	1 cm
Package 1 Width	3 cm
Package 1 Length	4.5 cm
Package 1 Weight	10 g
Unit Type of Package 2	BB1
Number of Units in Package 2	4
Package 2 Height	5.6 cm
Package 2 Width	4.4 cm
Package 2 Length	5.4 cm
Package 2 Weight	43 g
Unit Type of Package 3	S02
Number of Units in Package 3	320
Package 3 Height	15 cm
Package 3 Width	30 cm
Package 3 Length	40 cm
Package 3 Weight	3.74 kg

Offer Sustainability

Sustainable offer status	Green Premium product
REACH Regulation	Free of Substances of Very High Concern above the threshold
REACH free of SVHC	Yes
EU RoHS Directive	Pro-active compliance (Product out of EU RoHS legal scope)
Toxic heavy metal free	Yes
Mercury free	Yes
China RoHS Regulation	X
RoHS exemption information	Yes
Environmental Disclosure	ENVPEP2404035EN
Circularity Profile	ENVEOLI2404035EN
WEEE	The product must be disposed on European Union markets following specific waste collection and never end up in rubbish bins