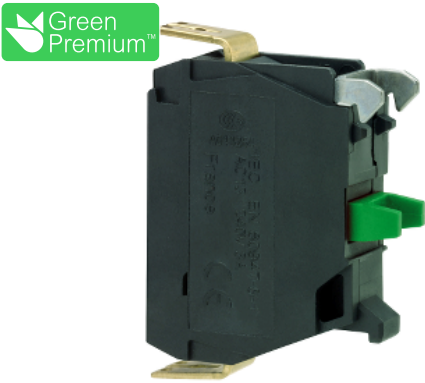# Product datasheet

Specifications

single contact block - 1 NO - captive screw clamp terminals - XB5

ZBE101N

Main

Range of product	Harmony XB5
Product or component type	Contact block with protected terminals
Device short name	ZBE
Sale per indivisible quantity	20
Contact block type	Single

Complementary

Fixing collar material	Plastic
Terminals description ISO n°1	(13-14)NO
Net weight	0.011 kg
Contacts type and composition	1 NO
Contact operation	Slow-break
Contacts usage	Standard contacts
Operating travel	2.6 mm
Operating force	3.8 N
Operating torque	0.14 N.m
Torque value	0.14 N.m
Mechanical durability	5000000 cycles
Connections - terminals	Captive screw clamp terminals, 2 x 1.5 mm² with cable end conforming to EN/IEC 60947-1
Tightening torque	0.8 N.m conforming to EN/IEC 60947-1
Shape of screw head	Cross compatible with flat Ø 4 mm screwdriver
Contacts material	AgNi
Short-circuit protection	10 A against short-circuits type gG conforming to IEC 269
[Ith] conventional free air thermal current	10 A conforming to EN/IEC 60947-5-1
[Ui] rated insulation voltage	600 V (pollution degree 3) conforming to EN/IEC 60947-1
[Uimp] rated impulse withstand voltage	6 kV conforming to EN/IEC 60947-1
Electrical durability	1000000 cycles, AC-15, operating rate <3600 cyc/h, load factor: 0.5 conforming to EN/IEC 60947-5-1
Electrical reliability	Λ < 10exp(-8) at 17 V, 5 mA in clean environment conforming to EN/IEC 60947-5-4

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Environment

Protective treatment	Standard version
Ambient air temperature for storage	-40…70 °C
Ambient air temperature for operation	-20…70 °C
Standards	IEC 529
Product certifications	UL listed
Vibration resistance	5 gn conforming to IEC 68-2-6

Packing Units

Unit Type of Package 1	PCE
Number of Units in Package 1	1
Package 1 Height	1.0 cm
Package 1 Width	2.8 cm
Package 1 Length	3.2 cm
Package 1 Weight	11.0 g

Offer Sustainability

Sustainable offer status	Green Premium product
REACh Regulation	REACh Declaration
REACh free of SVHC	Yes
EU RoHS Directive	Pro-active compliance (Product out of EU RoHS legal scope) EU RoHS Declaration
Mercury free	Yes
China RoHS Regulation	China RoHS declaration
RoHS exemption information	Yes
Environmental Disclosure	Product Environmental Profile
Circularity Profile	End of Life Information
WEEE	The product must be disposed on European Union markets following specific waste collection and never end up in rubbish bins

Contractual warranty

Warranty	18 months

Recommended replacement(s)

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