



Main

Range of product	Harmony XB4 Harmony XB5
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	Plug-in connector

Complementary

Net weight	0.011 kg
Contacts type and composition	1 NO
Positive opening	Without
Operating travel	2.6 Mm (NO changing electrical state) 4.3 mm (total travel)
Operating force	2.3 N NO changing electrical state
Mechanical durability	10000000 cycles
Contacts material	Silver alloy (Ag/Ni)
Short-circuit protection	4 A cartridge fuse type gG conforming to IEC 60947-5-1
[I _{th}] conventional free air thermal current	10 A conforming to IEC 60947-5-1
[U _i] rated insulation voltage	250 V (pollution degree 3) conforming to IEC 60947-1
[U _{imp}] rated impulse withstand voltage	4 kV conforming to IEC 60947-1
[I _e] rated operational current	3 A at 240 V, AC-15, A300 conforming to IEC 60947-5-1 6 A at 120 V, AC-15, A300 conforming to IEC 60947-5-1 0.1 A at 250 V, DC-13, R300 conforming to IEC 60947-5-1 0.22 A at 125 V, DC-13, R300 conforming to IEC 60947-5-1
Electrical durability	1000000 Cycles, AC-15, 1 A at 230 V, operating rate <3600 cyc/h, load factor: 0.5 conforming to IEC 60947-5-1 appendix C 1000000 Cycles, AC-15, 1.5 A at 120 V, operating rate <3600 cyc/h, load factor: 0.5 conforming to IEC 60947-5-1 appendix C 1000000 Cycles, AC-15, 3 A at 24 V, operating rate <3600 cyc/h, load factor: 0.5 conforming to IEC 60947-5-1 appendix C 1000000 Cycles, DC-13, 0.15 A at 110 V, operating rate <3600 cyc/h, load factor: 0.5 conforming to IEC 60947-5-1 appendix C 1000000 cycles, DC-13, 0.4 A at 24 V, operating rate <3600 cyc/h, load factor: 0.5 conforming to IEC 60947-5-1 appendix C
Mounting of block	Front mounting
Electrical composition code	C11 (quantity <= 3) C14 (quantity <= 2) M10 (quantity <= 2)
Device presentation	Basic element

The information provided in this documentation contains general descriptions and/or technical characteristics of the performance of the products contained herein. This documentation is not intended as a substitute for and is not to be used for determining suitability or reliability of these products for specific user applications. It is the duty of any such user or integrator to perform the appropriate and complete risk analysis, evaluation and testing of the products with respect to the relevant specific application or use thereof. Neither Schneider Electric Industries SAS nor any of its affiliates or subsidiaries shall be responsible or liable for misuse of the information contained herein.

Environment

Protective treatment	TH
Ambient air temperature for storage	-40...70 °C
Ambient air temperature for operation	-40...70 °C
Standards	JIS C8201-5-1 UL 508 IEC 60947-5-1 CSA C22.2 No 14 IEC 60947-1 IEC 60947-5-4 JIS C8201-1
Product certifications	CSA[RETURN]UL[RETURN]DNV[RETURN]GL[RETURN]LROS (Lloyds register of shipping)[RETURN]BV
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	5.7 cm
Package 1 Width	4.5 cm
Package 1 Length	5.4 cm
Package 1 Weight	7.0 g
Unit Type of Package 2	BB1
Number of Units in Package 2	5
Package 2 Height	5.7 cm
Package 2 Width	4.5 cm
Package 2 Length	5.4 cm
Package 2 Weight	44.0 g
Unit Type of Package 3	S03
Number of Units in Package 3	800
Package 3 Height	30.0 cm
Package 3 Width	30.0 cm
Package 3 Length	40.0 cm
Package 3 Weight	7.477 kg

Offer Sustainability

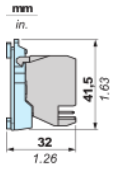
Sustainable offer status	Green Premium product
REACH Regulation	REACH Declaration
REACH free of SVHC	Yes
EU RoHS Directive	Pro-active compliance (Product out of EU RoHS legal scope) EU RoHS Declaration
Toxic heavy metal free	Yes
Mercury free	Yes
China RoHS Regulation	China RoHS Declaration
RoHS exemption 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
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Dimensions

with ZB5AZ009 Fixing Collar



with ZB4BZ009 Fixing Collar

