

ZB4BZ1016

Complete body/contact assembly, Harmony XB4, single contact block with body/fixing collar
1 NO spring clamp terminal



Main

Range of Product	Harmony XB4
Product or Component Type	Complete body/contact assembly
Device short name	ZB4
Fixing collar material	Zamak
Sale per indivisible quantity	1
Head type	Standard
Contacts type and composition	1 NO
Contact operation	Slow-break
Contact block type	Single
Device Composition	Contact block Fixing collar
Connections - terminals	Screw clamp terminals, $\leq 2 \times 1.5 \text{ mm}^2$ with cable end IEC 60947-1 Screw clamp terminals, $\geq 1 \times 0.22 \text{ mm}^2$ without cable end IEC 60947-1

Complementary

CAD overall width	1.2 in (30 mm)
CAD overall height	1.9 in (47 mm)
CAD overall depth	1.5 in (37 mm)
Terminals description ISO n°1	(11-12)NO
Net Weight	0.141 lb(US) (0.064 kg)
Contacts usage	Standard contacts
Positive opening	With IEC 60947-5-1 appendix K
Operating travel	0.06 in (1.5 mm) NC changing electrical state) 0.1 in (2.6 mm) NO changing electrical state) 0.2 in (4.3 mm) total travel)
Operating torque	0.44 lbf.in (0.05 N.m) NO changing electrical state
Mechanical durability	5000000 cycles
Contacts material	Gold flashed (Ag/Ni/Au) contacts
Short-circuit protection	4 A cartridge fuse gG IEC 60947-5-1
[I _{th}] conventional free air thermal current	10 A IEC 60947-5-1
[U _i] rated insulation voltage	250 V 3)IEC 60947-1
[U _{imp}] rated impulse withstand voltage	4 kV IEC 60947-1
[I _e] rated operational current	3 A 240 V, AC-15, A300 IEC 60947-5-1 6 A 120 V, AC-15, A300 IEC 60947-5-1 0.1 A 250 V, DC-13, R300 IEC 60947-5-1 0.22 A 125 V, DC-13, R300 IEC 60947-5-1
Electrical durability	1000000 Cycles, AC-15, 1 A 230 V 3600 cyc/h 0.5 IEC 60947-5-1 appendix C 1000000 Cycles, AC-15, 1.5 A 120 V 3600 cyc/h 0.5 IEC 60947-5-1 appendix C 1000000 Cycles, AC-15, 3 A 24 V 3600 cyc/h 0.5 IEC 60947-5-1 appendix C 1000000 Cycles, DC-13, 0.15 A 110 V 3600 cyc/h 0.5 IEC 60947-5-1 appendix C 1000000 cycles, DC-13, 0.4 A 24 V 3600 cyc/h 0.5 IEC 60947-5-1 appendix C
Electrical reliability	$\Lambda < 10\text{exp}(-6)$ 5 V, 1 mA in clean environment IEC 60947-5-4 $\Lambda < 10\text{exp}(-8)$ 17 V, 5 mA in clean environment IEC 60947-5-4

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...158 °F (-40...70 °C)
Ambient Air Temperature for Operation	-13...158 °F (-25...70 °C)
IP degree of protection	IP20 IEC 60529
Standards	UL 508 JIS C8201-5-1 IEC 60947-5-1 CSA C22.2 No 14 IEC 60947-5-4 IEC 60947-1 IEC 60947-5-5 JIS C8201-1
Product Certifications	DNV[RETURN]JUL[RETURN]CSA[RETURN]LROS (Lloyds register of shipping) [RETURN]JGL[RETURN]BV
Vibration resistance	5 gn 2...500 Hz)IEC 60068-2-6
Shock resistance	30 gn 18 ms) half sine wave acceleration IEC 60068-2-27 50 gn 11 ms) half sine wave acceleration IEC 60068-2-27

Ordering and shipping details

Category	US10CS222469
Discount Schedule	0CS2
GTIN	3606480502378
Returnability	Yes
Country of origin	FR

Packing Units

Unit Type of Package 1	PCE
Number of Units in Package 1	1
Package 1 Height	1.2 in (3.1 cm)
Package 1 Width	0.5 in (1.2 cm)
Package 1 Length	1.4 in (3.5 cm)
Package 1 Weight	1.9 oz (53.0 g)

Offer Sustainability

California proposition 65	WARNING: This product can expose you to chemicals including: Di-isodecyl phthalate (DIDP), which is known to the State of California to cause birth defects or other reproductive harm. For more information go to www.P65Warnings.ca.gov
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
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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