Product data sheet
Characteristics

ZBE204
Harmony XB4, Double contact block, silver alloy, screw clamp terminal, 2 NC



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 IEC 60529
Contact operation	Slow-break
Contact block type	Double
Contacts usage	Standard contacts
Connections - terminals	Screw clamp terminals, <= 2 x 1.5 mm² with cable end EN 60947-1 Screw clamp terminals, >= 1 x 0.22 mm² without cable end EN 60947-1

Complementary

Net Weight	0.04 lb(US) (0.02 kg)
Contacts type and composition	2 NC
Positive opening	With EN/IEC 60947-5-1 appendix K
Operating travel	0.06 In (1.5 mm) NC changing electrical state) 0.17 in (4.3 mm) total travel)
Operating force	3.4 N NC changing electrical state
Mechanical durability	10000000 cycles
Tightening torque	7.08…10.62 lbf.in (0.8…1.2 N.m) EN 60947-1
Shape of screw head	Cross pozidriv No 1 Slotted flat Ø 4 mm Slotted flat Ø 5.5 mm
Contacts material	Silver alloy (Ag/Ni)
Short-circuit protection	10 A cartridge fuse gG EN/IEC 60947-5-1
[Ith] conventional free air thermal current	10 A EN/IEC 60947-5-1
[Ui] rated insulation voltage	600 V 3)EN 60947-1
[Uimp] rated impulse withstand voltage	6 kV EN 60947-1
[Ie] rated operational current	3 A 240 V, AC-15, A600 EN/IEC 60947-5-1 6 A 120 V, AC-15, A600 EN/IEC 60947-5-1 0.1 A 600 V, DC-13, Q600 EN/IEC 60947-5-1 0.27 A 250 V, DC-13, Q600 EN/IEC 60947-5-1 0.55 A 125 V, DC-13, Q600 EN/IEC 60947-5-1 1.2 A 600 V, AC-15, A600 EN/IEC 60947-5-1
Electrical durability	1000000 Cycles, AC-15, 1 A 230 V 3600 cyc/h 0.5 EN/IEC 60947-5-1 appendix C 1000000 Cycles, AC-15, 1.5 A 120 V 3600 cyc/h 0.5 EN/IEC 60947-5-1 appendix C 1000000 Cycles, AC-15, 3 A 24 V 3600 cyc/h 0.5 EN/IEC 60947-5-1 appendix C 1000000 Cycles, DC-13, 0.15 A 110 V 3600 cyc/h 0.5 EN/IEC 60947-5-1 appendix C 1000000 cycles, DC-13, 0.4 A 24 V 3600 cyc/h 0.5 EN/IEC 60947-5-1 appendix C
Mounting of block	Front mounting

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.

Electrical composition code	C2 3) C4 2) C6 2) C8 1) C10 2) C13 3) M2 2) M4 2) M8 2)
Device presentation	Basic element

Environment

Protective treatment	TH
Ambient Air Temperature for Storage	-40…158 °F (-40…70 °C)
Ambient air temperature for operation	-40…158 °F (-40…70 °C)
Standards	EN/IEC 60947-5-1 CSA C22.2 No 14 JIS C8201-5-1 EN/IEC 60947-5-4 EN/IEC 60947-1 UL 508 JIS C8201-1
Product Certifications	CCC CSA GL BV DNV LROS (Lloyds register of shipping) UL GOST
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	22469 - PUSHBUTTON,22MM ACCESSORIES-NEW
Discount Schedule	CS2
GTIN	3389110119206
Nbr. of units in pkg.	1
Package weight(Lbs)	0.60 oz (17 g)
Returnability	Yes
Country of origin	FR

Packing Units

Unit Type of Package 1	PCE
Package 1 Height	0.39 in (1 cm)
Package 1 width	1.34 in (3.4 cm)
Package 1 Length	2.05 in (5.2 cm)
Unit Type of Package 2	BB1
Number of Units in Package 2	5
Package 2 Weight	3.28 oz (93 g)
Package 2 Height	1.73 in (4.4 cm)
Package 2 width	2.13 in (5.4 cm)
Package 2 Length	2.28 in (5.8 cm)
Unit Type of Package 3	S02
Number of Units in Package 3	400
Package 3 Weight	17.51 lb(US) (7.943 kg)
Package 3 Height	5.91 in (15 cm)
Package 3 width	11.81 in (30 cm)
Package 3 Length	15.75 in (40 cm)

Offer Sustainability

Sustainable offer status	Green Premium product
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
RoHS exemption information	Yes
China RoHS Regulation	China RoHS Declaration
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