

Harmony, 22mm Push Button, add on contact block, 1 NC, screw clamp terminal

ZBE102

Product availability: Stock - Normally stocked in distribution facility

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	Single	
Contacts usage	Standard contacts	
Connections - terminals	Screw clamp terminals, <= 2 x 1.5 mm ² with cable end IEC 60947-1 Screw clamp terminals, >= 1 x 0.22 mm ² without cable end IEC 60947-1	

Complementary

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Product Weight	0.024 lb(US) (0.011 kg)	
Contacts type and composition	1 NC	
Positive opening	With IEC 60947-5-1 appendix K	
Operating travel	0.06 in (1.5 mm) NC changing electrical state) 0.2 in (4.3 mm) total travel)	
Operating force	2 N NC changing electrical state	
Mechanical durability	10000000 cycles	
Tightening torque	7.0810.6 lbf.in (0.81.2 N.m) IEC 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 IEC 60947-5-1	
[Ith] conventional free air thermal current	10 A IEC 60947-5-1	
[Ui] rated insulation voltage	600 V 3)IEC 60947-1	
[Uimp] rated impulse withstand voltage	6 kV IEC 60947-1	
[le] rated operational current	3 A 240 V, AC-15, A600 IEC 60947-5-1 6 A 120 V, AC-15, A600 IEC 60947-5-1 0.1 A 600 V, DC-13, Q600 IEC 60947-5-1 0.27 A 250 V, DC-13, Q600 IEC 60947-5-1 0.55 A 125 V, DC-13, Q600 IEC 60947-5-1 1.2 A 600 V, AC-15, A600 IEC 60947-5-1	

Price is "List Price" and may be subject to a trade discount – check with your local distributor or retailer for actual price.

Electrical durability	1000000 cycles, AC-15, 2 A 230 V 3600 cyc/h 0.5 IEC 60947-5-1 appendix C 1000000 cycles, AC-15, 3 A 120 V 3600 cyc/h 0.5 IEC 60947-5-1 appendix C 1000000 cycles, AC-15, 4 A 24 V 3600 cyc/h 0.5 IEC 60947-5-1 appendix C 1000000 cycles, DC-13, 0.2 A 110 V 3600 cyc/h 0.5 IEC 60947-5-1 appendix C 1000000 cycles, DC-13, 0.5 A 24 V 3600 cyc/h 0.5 IEC 60947-5-1 appendix C	
Mounting of block	Front mounting	
Electrical composition code	C1 9)	
	C2 7)	
	C3 6)	
	C4 4)	
	C5 5)	
	C6 3)	
	C7 4)	
	C8 2)	
	C9 3)	
	C12 6)	
	M1 6)	
	M2 4)	
	M3 4)	
	M5 2)	
	M6 2)	
	M7 6)	
	M8 4)	
	M9 2)	
	SF1 3)	
	SF2 2)	
	MF1 2)	
	MF2 2)	
	C10 2)	
	M4 2)	
	C13 1)	
Device presentation	Basic element	

Environment

Protective treatment	TH
Ambient Air Temperature for Storage	-40158 °F (-4070 °C)
Ambient Air Temperature for Operation	-40158 °F (-4070 °C)
Standards	IEC 60947-5-1 CSA C22.2 No 14 JIS C8201-5-1 IEC 60947-1 UL 508 IEC 60947-5-4 JIS C8201-1
Product Certifications	CSA GOST BV DNV LROS (Lloyds register of shipping) CCC UL
Vibration resistance	5 gn (f= 2500 Hz) conforming to 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	3389110089486	
Returnability	Yes	
Country of origin	FR	

Packing Units

Unit Type of Package 1	PCE	
Nbr. of units in pkg.	1	
Package 1 Height	2.17 in (5.500 cm)	
Package 1 Width	1.34 in (3.400 cm)	
Package 1 Length	2.13 in (5.400 cm)	
Package weight(Lbs)	0.317 oz (9.000 g)	
Unit Type of Package 2	BB1	
Number of Units in Package 2	5	
Package 2 Height	2.20 in (5.600 cm)	
Package 2 Width	1.69 in (4.300 cm)	
Package 2 Length	2.13 in (5.400 cm)	
Package 2 Weight	1.834 oz (52.000 g)	
Unit Type of Package 3	S03	
Number of Units in Package 3	800	
Package 3 Height	11.81 in (30.000 cm)	
Package 3 Width	11.81 in (30.000 cm)	
Package 3 Length	15.75 in (40.000 cm)	
Package 3 Weight	19.306 lb(US) (8.757 kg)	

Contractual warranty

Warranty 18 months



Schneider Electric aims to achieve Net Zero status by 2050 through supply chain partnerships, lower impact materials, and circularity via our ongoing "Use Better, Use Longer, Use Again" campaign to extend product lifetimes and recyclability.

Environmental Data explained >

How we assess product sustainability >

∇ Environmental footprint	
Carbon footprint (kg CO2 eq, Total Life cycle)	1
Environmental Disclosure	Product Environmental Profile

Use Better

Materials and Substances	
Packaging made with recycled cardboard	Yes
Packaging without single use plastic	Yes
EU RoHS Directive	Pro-active compliance (Product out of EU RoHS legal scope)
REACh Regulation	REACh Declaration
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

Use Again

○ Repack and remanufacture	
Circularity Profile	No need of specific recycling operations
Take-back	No
WEEE Label	The product must be disposed on European Union markets following specific waste collection and never end up in rubbish bins.

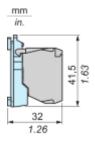
Product data sheet

ZBE102

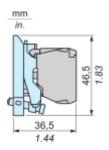
Dimensions Drawings

Dimensions

with ZB5AZ009 Fixing Collar



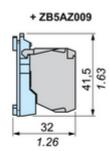
with ZB4BZ009 Fixing Collar



Technical Illustration

Dimensions





+ ZB4BZ009

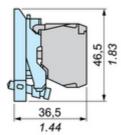


Image of product / Alternate images

Alternative











