

Harmony, 22mm Push Button, XB4B operators, contact block, with mounting collar, 2 NO, screw clamp terminal

ZB4BZ103

Product availability: Stock - Normally stocked in distribution facility

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	2 NO					
Contact operation	Slow-break					
Contact block type	Single					
Device Composition	Body Fixing collar					
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

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	(13-14)NO			
Net Weight	0.137 lb(US) (0.062 kg)			
Contacts usage	Standard contacts			
Positive opening	Without			
Operating travel	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			
Tightening torque	7.0810.6 lbf.in (0.81.2 N.m) IEC 60947-1			
Shape of screw head	Cross Philips no 1 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			

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

[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			
Electrical durability	10000000 cycles, AC-15, 2 A 230 V 3600 cyc/h 0.5 IEC 60947-5-1 appendix C 10000000 cycles, AC-15, 3 A 120 V 3600 cyc/h 0.5 IEC 60947-5-1 appendix C 10000000 cycles, AC-15, 4 A 24 V 3600 cyc/h 0.5 IEC 60947-5-1 appendix C 10000000 cycles, DC-13, 0.2 A 110 V 3600 cyc/h 0.5 IEC 60947-5-1 appendix C 10000000 cycles, DC-13, 0.5 A 24 V 3600 cyc/h 0.5 IEC 60947-5-1 appendix C			
Electrical reliability	Λ < 10exp(-6) 5 V, 1 mA in clean environment IEC 60947-5-4 Λ < 10exp(-8) 17 V, 5 mA in clean environment IEC 60947-5-4			
Device presentation	Basic sub-assemblies			

Environment

Protective treatment	тн			
Ambient Air Temperature for Storage	-40158 °F (-4070 °C)			
Ambient Air Temperature for Operation	-40158 °F (-4070 °C)			
IP degree of protection	IP20 IEC 60529			
Standards	JIS C8201-5-1 IEC 60947-1 IEC 60947-5-4 CSA C22.2 No 14 IEC 60947-5-1 IEC 60947-5-5 UL 508 JIS C8201-1			
Product Certifications	BV UL CSA DNV LROS (Lloyds register of shipping)			
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	3389110889390
Returnability	Yes
Country of origin	US

Packing Units

Unit Type of Package 1	PCE
Number of Units in Package 1	1
Package 1 Height	1.73 in (4.400 cm)
Package 1 Width	1.34 in (3.400 cm)

Package 1 Length	2.13 in (5.400 cm)			
Package 1 Weight	2.152 oz (61.000 g)			
Unit Type of Package 2	S03			
Number of Units in Package 2	200			
Package 2 Height	11.81 in (30.000 cm)			
Package 2 Width	11.81 in (30.000 cm)			
Package 2 Length	15.75 in (40.000 cm)			
Package 2 Weight	28.166 lb(US) (12.776 kg)			
Unit Type of Package 3	P06			
Number of Units in Package 3	1600			
Package 3 Height	29.53 in (75.000 cm)			
Package 3 Width	23.62 in (60.000 cm)			
Package 3 Length	31.50 in (80.000 cm)			
Package 3 Weight	247.897 lb(US) (112.444 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

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

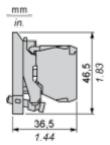
○ Repack and remanufacture	
Circularity Profile	End of Life Information
Take-back	No
WEEE	The product must be disposed on European Union markets following specific waste collection and never end up in rubbish bins.

Product data sheet

ZB4BZ103

Dimensions Drawings

Dimensions

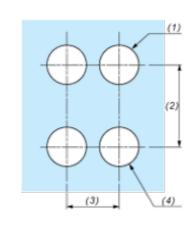


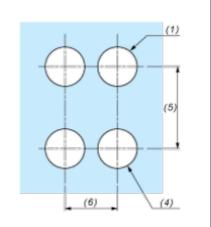
Mounting and Clearance

Panel Cut-out for Pushbuttons, Switches and Pilot Lights (Finished Holes, Ready for Installation)

Connection by Screw Clamp Terminals or Plug-in Connectors or on Printed Circuit Board

Connection by Faston Connectors

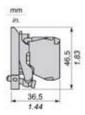


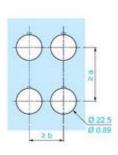


- (1) Diameter on finished panel or support
- (2) 40 mm min. / 1.57 in. min.
- (3) 30 mm min. / 1.18 in. min.
- (4) Ø 22.5 mm / 0.89 in. recommended (Ø 22.3 mm $_0^{+0.4}$ / 0.88 in. $_0^{+0.016}$)
- (5) 45 mm min. / 1.78 in. min.
- (6) 32 mm min. / 1.26 in. min.

Technical Illustration

Dimensions





		a (mm)	a (in.)	b (mm)	b (in.)
ZBE	ZBV••••	40	1.57	30	1.18
ZBE3	ZBV••••3	45	1.77	32	1.26
ZBE•••••	ZBV••••4		1.57	30	1.18
ZBE5	ZBV5	50	1.97	30	1.18
ZBE•••••9	ZBV••••9	40	1.57	30	1.18
ZBRT•	ZBRV1	40	1.57	30	1.18

Offer Marketing Illustration

Product benefits / Features

Technical Benefits

Harmony XB4



Offer Marketing Illustration

Product benefits / Features



Image of product / Alternate images

Alternative









Jul 4, 2025