



Harmony, 22mm Push Button, XB5A operators, contact block, with mounting collar, 1 NO, screw clamp terminal

ZB5AZ101

Product availability: Stock - Normally stocked in distribution facility

Price*: 22.00 USD

Main

Range of Product	Harmony XB5		
Product or Component Type	Complete body/contact assembly		
Device short name	ZB5		
Fixing collar material	Plastic		
Sale per indivisible quantity	1		
Head type	Standard		
Contacts type and composition	1 NO		
Contact operation	Slow-break		
Contact block type	Single		
Connections - terminals	Screw clamp terminals, <= 2 x 1.5 mm² with cable end IEC 60947-1 Screw clamp terminals, >= 1 x 0.22 mm² without cable end IEC 60947-1		

Complementary

CAD overall width	1.2 in (30 mm)		
CAD overall height	1.7 in (42 mm)		
CAD overall depth	1.3 in (32 mm)		
Terminals description ISO n°1	(13-14)NO		
Net Weight 0.046 lb(US) (0.021 kg)			
Device Composition Fixing collar Body			
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 force	2.3 N NO 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 Philips no 1 Cross pozidriv No 1 Slotted flat Ø 4 mm Slotted flat Ø 5.5 mm		
Contacts material	Silver alloy (Ag/Ni)		

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

Short-circuit protection	10 A cartridge fuse gG IEC 60947-5-1		
[Ith] conventional free air thermal current	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	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		
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 TH				
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	UL 508 IEC 60947-5-1 CSA C22.2 No 14 IEC 60947-5-4 IEC 60947-1 JIS C8201-5-1 JIS C8201-1			
Product Certifications	BV UL CSA DNV LROS (Lloyds register of shipping)			
Vibration resistance	5 gn 2500 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	3389110924398
Returnability	Yes
Country of origin	FR

Packing Units

Unit Type of Package 1	PCE
Number of Units in Package 1	1
Package 1 Height	1.772 in (4.500 cm)

Package 1 Width	1.339 in (3.400 cm)
Package 1 Length	2.126 in (5.400 cm)
Package 1 Weight	0.713 oz (20.200 g)
Unit Type of Package 2	BB1
Number of Units in Package 2	5
Package 2 Height	1.772 in (4.500 cm)
Package 2 Width	1.339 in (3.400 cm)
Package 2 Length	10.433 in (26.500 cm)
Package 2 Weight	3.563 oz (101.000 g)
Unit Type of Package 3	S03
Number of Units in Package 3	300
Package 3 Height	11.811 in (30.000 cm)
Package 3 Width	11.811 in (30.000 cm)
Package 3 Length	15.748 in (40.000 cm)
Package 3 Weight	14.396 lb(US) (6.530 kg)

Contractual warranty

Warranty 18 months

Sustainability Screen Premium*

Green PremiumTM **label** is Schneider Electric's commitment to delivering products with best-inclass environmental performance. Green Premium promises compliance with the latest regulations, transparency on environmental impacts, as well as circular and low-CO₂ products.

Guide to assessing product sustainability is a white paper that clarifies global eco-label standards and how to interpret environmental declarations.

Learn more about Green Premium >

Guide to assess a product's sustainability >





Transparency RoHS/REACh

Well-being performance

Ø	Reach Free Of Svhc	
Ø	Toxic Heavy Metal Free	
	Mercury Free	
9	Rohs Exemption Information	Yes

Certifications & Standards

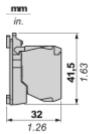
Reach Regulation	REACh Declaration			
Eu Rohs Directive	Pro-active compliance (Product out of EU RoHS legal scope) EU RoHS Declaration			
China Rohs Regulation	China RoHS declaration			
Environmental Disclosure	Product Environmental Profile			
Weee	The product must be disposed on European Union markets following specific waste collection and never end up in rubbish bins.			
Circularity Profile	End of Life Information			
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"			

Product data sheet

ZB5AZ101

Dimensions Drawings

Dimensions



Mounting and Clearance

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

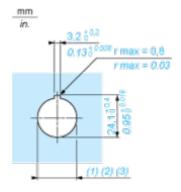
Connection by Screw Clamp Terminals or Plug-in Connectors or on Printed Circuit Board



- (1) Diameter on finished panel or support
- (2) For selector switches and Emergency stop buttons, use of an anti-rotation plate type ZB5AZ902 is recommended.
- (3) Ø22.5 mm recommended (Ø22.3 $_0^{+0.4}$) / Ø0.89 in. recommended (Ø0.88 in. $_0^{+0.016}$)

				•
Connections	a in mm	a in in.	b in mm	b in in.
By screw clamp terminals or plug-in connector	40	1.57	30	1.18
By Faston connectors	45	1.77	32	1.26
On printed circuit board	30	1.18	30	1.18

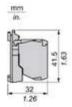
Detail of Lug Recess

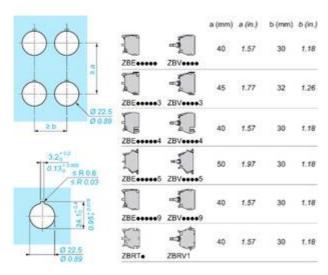


- (1) Diameter on finished panel or support
- (2) For selector switches and Emergency stop buttons, use of an anti-rotation plate type ZB5AZ902 is recommended. (3) \emptyset 22.5 mm recommended (\emptyset 22.3 $_0^{+0.4}$) / \emptyset 0.89 in. recommended (\emptyset 0.88 in. $_0^{+0.016}$)

Technical Illustration

Dimensions





Offer Marketing Illustration

Product benefits / Features

Technical Benefits

Harmony XB5



Offer Marketing Illustration

Product benefits / Features



Image of product / Alternate images

Alternative







