ZB5AZ1045



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	2 NC
Contact operation	Slow-break
Contact block type	Single
Connections - terminals	Spring clamp terminals

Complementary

o o in promontary		
CAD overall width	1.18 in (30 mm)	
CAD overall height	1.65 in (42 mm)	
CAD overall depth	1.26 in (32 mm)	
Terminals description ISO n°1	(11-12)NC	
Device composition	Body Fixing collar	_
Contacts usage	Standard contacts	
Positive opening	With positive opening conforming to 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)	:
Mechanical durability	10000000 cycles	
Contacts material	Silver alloy (Ag/Ni)	

Environment

TH			
-40158 °F (-4070 °C)			
-40158 °F (-4070 °C)			
IP20 conforming to IEC 60529			
EN/IEC 60947-1 EN/IEC 60947-5-1 EN/IEC 60947-5-4 JIS C 4520 UL 508 CSA C22.2 No 14			
BV CSA DNV GL LROS (Lloyds register of shipping) RINA UL			
5 gn (f = 2500 Hz) conforming to IEC 60068-2-6			
30 gn (duration = 18 ms) half sine wave acceleration conforming to IEC 60068-2-27 50 gn (duration = 11 ms) half sine wave acceleration conforming to IEC 60068-2-27			

Offer Sustainability

WARNING: This product can expose you to chemicals including:	WARNING: This product can expose you to chemicals including:
Nickel compounds, which is known to the State of California to cause cancer, and	Nickel compounds, which is known to the State of California to cause cancer, and

For more information go to www.p65warnings.ca.gov

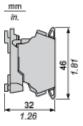
For more information go to www.p65warnings.ca.gov

Contractual warranty

Warranty period

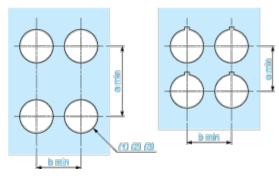
18 months

Dimensions



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

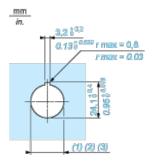
Connection by Screw Clamp Terminals or Plug-in Connectors or on Printed Circuit Board



- (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) Ø22.5 mm recommended (Ø22.3 $_{0}^{+0.4}$) / Ø0.89 in. recommended (Ø0.88 in. $_{0}^{+0.016}$)