# ZB5AZ1013

Harmony complete body/contact, body for push buttons or selector switches, XB6, single contact block with body/fixing collar 1 NO faston connector





#### 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	Faston connector 1 x 6.35 mm Faston connector 2 x 2.8 mm

#### Complementary

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	(13-14)NO			
Net Weight	0.05 lb(US) (0.021 kg)			
Device composition	Body Fixing collar			
Contacts usage	Standard contacts			
Positive opening	Without			
Operating travel	0.10 In (2.6 mm) NO changing electrical state) 0.17 in (4.3 mm) total travel)			
Operating force	2.3 N NO changing electrical state			
Mechanical durability	10000000 cycles			
Contacts material	Silver alloy (Ag/Ni)			
[Ui] rated insulation voltage	250 V 3)EN 60947-1			
Electrical reliability	$\Lambda$ < 10exp(-6) 5 V, 1 mA in clean environment EN/IEC 60947-5-4 $\Lambda$ < 10exp(-8) 17 V, 5 mA in clean environment EN/IEC 60947-5-4			

### 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 JIS C8201-5-1 EN/IEC 60947-5-4 EN/IEC 60947-5-1 CSA C22.2 No 14 EN/IEC 60947-1 JIS C8201-1

Certifications LF	ROS (Lloyds register of shipping)			
CS	SA			
	UL BV			
GI				
	NV			
	gn 2500 Hz)IEC 60068-2-6			
	0 gn 18 ms) half sine wave acceleration IEC 60068-2-27 0 gn 11 ms) half sine wave acceleration IEC 60068-2-27			
g and shipping details				
22	2469 - PUSHBUTTON,22MM ACCESSORIES-NEW			
Schedule CS	S2			
33	389110815931			
nits in pkg. 1				
weight(Lbs) 0.	78 oz (22 g)			
ility No	0			
of origin FF	R			
Units				
	CE			
	09 in (5.3 cm)			
	34 in (3.4 cm)			
	69 in (4.3 cm)			
	02			
of Units in Package 2 50	-			
	13 lb(US) (1.418 kg)			
	91 in (15 cm)			
	1.81 in (30 cm)			
2 Length 15	5.75 in (40 cm)			
ustainability				
	reen Premium product			
proposition 65 W.	/ARNING: This product can expose you to chemicals including: Di-isodecyl nthalate (DIDP), which is known to the State of California to cause birth defects other reproductive harm. For more information go to www.P65Warnings.ca.gov			
Regulation	REACh Declaration			
ree of SVHC	es			
	Pro-active compliance (Product out of EU RoHS legal scope) EV RoHS  Declaration			
avy metal free Ye	es			
free Ye	es			
emption information	Yes			
HO D I. 6	China RoHS Declaration			
	Product Environmental Profile			
D (1)				
nental Disclosure				

## Contractual warranty

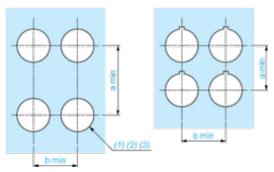
wanting 10 months	Warranty	18 months
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The product must be disposed on European Union markets following specific waste collection and never end up in rubbish bins.

WEEE

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

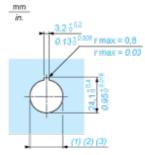
Connection by Screw Clamp Terminals or Plug-in Connectors or on Printed Circuit Board



- (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  $_0$  <sup>+0.4</sup>) / Ø0.89 in. recommended (Ø0.88 in.  $_0$  <sup>+0.016</sup>)