

Head for key selector switch, Harmony XB5, Harmony XALF, flush mounted 455 2 pos stay put

ZB5FG2

Main

Range of product	Harmony XB5 Harmony XALF			
Product or component type	Head for key selector switch			
Device short name	ZB5			
Bezel material	Dark grey plastic			
Mounting diameter	30.5 mm			
Head type	Built-in-flush			
Sale per indivisible quantity	1			
Shape of signaling unit head	Round			
Type of operator	stay put			
Operator profile	Black key switch			
Operator position information	2 positions 90°			
Type of keylock	Key 455			
Key withdrawal position	Left			

Complementary

CAD overall width	37 mm
CAD overall height	37 mm
CAD overall depth	72 mm
Product weight	0.069 kg
Mechanical durability	1000000 cycles
Electrical composition code	C4 for <6 contacts using single and double blocks in front mounting
	C5 for <5 contacts using single blocks in front mounting
	C6 for <5 contacts using single and double blocks in front mounting
	C7 for <4 contacts using single blocks in front mounting
	C8 for <4 contacts using single and double blocks in front mounting
	C11 for <3 contacts using single blocks in front mounting
	C3 for <6 contacts using single blocks in front mounting
	SF1 for <3 contacts using single blocks in front mounting
	C15 for <1 contacts using single blocks in front mounting
Device presentation	Basic element

Environment

Protective treatment	тн
Ambient air temperature for storage	-4070 °C
Ambient air temperature for operation	-4070 °C

Overvoltage category	Class II conforming to IEC 60536				
IP degree of protection	IP66 conforming to IEC 60529 IP67 IP69 IP69K				
NEMA degree of protection	NEMA 13 NEMA 4X				
Resistance to high pressure washer	7000000 Pa at 55 °C, distance : 0.1 m				
IK degree of protection	IK03 conforming to IEC 50102				
Standards	IEC 60947-5-4 UL 508 IEC 60947-1 CSA C22.2 No 14 JIS C8201-5-1 IEC 60947-5-1 JIS C8201-1				
Product certifications	CSA DNV BV LROS (Lloyds register of shipping) UL listed				
Vibration resistance	5 gn (f= 2500 Hz) conforming to IEC 60068-2-6				
Shock resistance	30 gn (duration = 18 ms) for half sine wave acceleration conforming to IEC 60068-2-27 50 gn (duration = 11 ms) for half sine wave acceleration conforming to IEC 60068-2-27				

Packing Units

Unit Type of Package 1	PCE
Number of Units in Package 1	1
Package 1 Height	8.6 cm
Package 1 Width	4.3 cm
Package 1 Length	5.2 cm
Package 1 Weight	73 g
Unit Type of Package 2	S02
Number of Units in Package 2	40
Package 2 Height	15 cm
Package 2 Width	30 cm
Package 2 Length	40 cm
Package 2 Weight	3.221 kg



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	
Total lifecycle Carbon footprint	1
Environmental Disclosure	Product Environmental Profile

Use Better

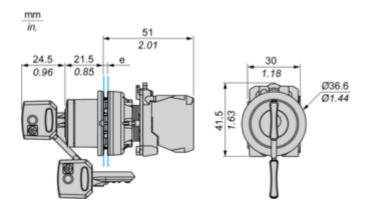
Packaging made with recycled cardboard	Yes
Packaging without single use plastic	Yes
EU RoHS Directive	Pro-active compliance (Product out of EU RoHS legal scope)
SCIP Number	F28cb399-1b6a-409d-ac7b-4169e47b25c8
California proposition 65	WARNING: This product can expose you to chemicals including: Lead and lead compounds, which is known to the State of California to cause cancer and birth defects or other reproductive harm. For more information go to www.P65Warnings.ca.gov

Use Again

○ Repack and remanufacture				
End of life manual availability	End of Life Information			
Take-back	No			

Dimensions Drawings

Dimensions



e: Clamping thickness: 1 to 6 mm / 0.04 to 0.24 in.

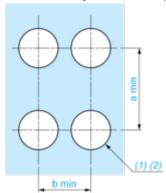
Product data sheet

ZB5FG2

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



(1) Diameter on finished panel or support

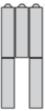
(2) Ø30.75 mm recommended (Ø30.5 $_0^{+0.5}$) / Ø1.21 in. recommended (Ø1.20 in. $_0^{+0.0196}$)

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Connections	a in mm	a in in.	b in mm	b in in.
By screw clamp terminals or plug-in connector	40	1.57	40	1.57
By Faston connectors	45	1.77	40	1.57

Technical Description



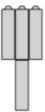


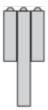


Product data sheet

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Electrical Composition Corresponding to Codes C9, C11, SF1 and SR1



1 N/O



1 N/C



1 N/O + N/C or 1 N/O + N/O or 1 N/C + N/C



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Legend

Single contact



Double contact



Light block



Possible location



ZB5FG2

Sequence of Contacts Fitted to 2-position Selector Switch Body

Position 315°



Push	Position	Тор				
		Bottom			\triangle	
	Location		Left	Centre	Right	
	State		0	0	0	
Contacts	N/O		open open op		open	
	N/C		closed	closed	closed	

Position 45°



Push		Тор			
	Position	Bottom			
	Location		Left	Centre	Right
	State		1	1	1
Contacts	N/O		closed	closed	closed
	N/C		open	open	open

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Technical Illustration

Dimensions

