

Head for selector switch, Harmony XB4, flush mounted black long handle 2 position stay put

ZB4FJ2

Main

Range of product	Harmony XB4				
Product or component type	Head for selector switch				
Device short name	ZB4F				
Bezel material	Chromium plated metal				
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 long handle				
Operator position information	2 positions 90°				

Complementary

CAD overall width	36.6 mm
CAD overall height	43 mm
CAD overall depth	47 mm
Product weight	0.078 kg
Resistance to high pressure washer	7000000 Pa at 55 °C, distance : 0.1 m
Mechanical durability	1000000 cycles
Electrical composition code	C3 for <6 contacts using single blocks in front mounting 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 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 I conforming to IEC 60536

IP degree of protection	IP66 conforming to IEC 60529 IP67 conforming to IEC 60529 IP69 conforming to IEC 60529 IP69K conforming to ISO 20653 Type 13 conforming to UL 50 E Type 12 conforming to UL 50 E Type 4 conforming to UL 50 E Type 4 Conforming to UL 50 E				
IK degree of protection	IK06 conforming to IEC 50102				
Standards	CSA C22.2 No 14 EN/IEC 60947-5-1 EN/IEC 60947-5-4 UL 508 EN/IEC 60947-1 JIS C8201-5-1 CE JIS C8201-1				
Product certifications	UL listed CSA CCC EAC				
Vibration resistance	5 gn (f= 10500 Hz) conforming to IEC 60068-2-6 2 mm peak to peak (f= 210 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 25 gn (duration = 6 ms) for 1000 shocks on each axis conforming to IEC 60068-2-27				

Packing Units

•	
Unit Type of Package 1	PCE
Number of Units in Package 1	1
Package 1 Height	5.5 cm
Package 1 Width	4.4 cm
Package 1 Length	5.2 cm
Package 1 Weight	72 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	3.204 kg
Package 3 Height	5.5 cm



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

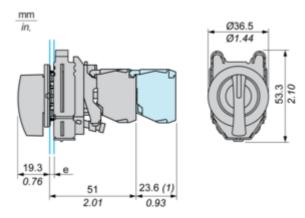
⊗ Materials and Substances	
Packaging made with recycled cardboard	Yes
Packaging without single use plastic	Yes
EU RoHS Directive	Pro-active compliance (Product out of EU RoHS legal scope)
California proposition 65	WARNING: This product can expose you to chemicals including: Di-isodecyl phthalate (DIDP), 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					
End of life manual availability	End of Life Information				
Take-back	No				

Dimensions Drawings

Dimensions



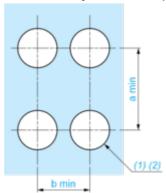
 \boldsymbol{e} : clamping thickness: 1 to 6 mm / 0.04 to 0.24 in. (1) : Additional row of contacts

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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

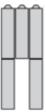
(2) : Ø30.75 mm recommended (Ø30.5 $_0^{+0.5}$) / Ø1.21 in. recommended (Ø1.20 in. $_0^{+0.0196}$)

9				U
Connections	a in mm	a in in.	b in mm	b in in.
By connectors	50	1.97	40	1.57
By connectors and with legend holder ZBZF32	50	1.97	40	1.57
By connectors and with legend holder ZBZF33	60	2.36	40	1.57

Technical Description



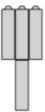


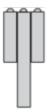


Product data sheet

ZB4FJ2







Product data sheet

ZB4FJ2

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



ZB4FJ2

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 open		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

Technical Illustration

Dimensions

