

Head for key selector switch, Harmony XB4, flush mounted 455 3, position return left to center

ZB4FG01

Product availability: Non-Stock - Not normally stocked in distribution facility

Main

Range of Product	Harmony XB4			
	Hamony AD4			
Product or Component Type	Head for key selector switch			
Device short name	ZB4F			
Bezel material	Chromium plated metal			
Mounting diameter	1.2 in (30.5 mm)			
Head type	Built-in-flush			
Sale per indivisible quantity	1			
Shape of signaling unit head	Round			
Return	Left to centre			
Operator profile	Black key switch			
Type of operator	Spring return			
Operator position information	3 positions +/- 45°			
Type of Keylock	Key 455			
Key withdrawal position	Center			

Complementary

CAD overall width	1.4 in (36.6 mm)				
CAD overall height	1.4 in (36.6 mm)				
CAD overall depth	1.9 in (49 mm)				
Net Weight	0.293 lb(US) (0.133 kg)				
Resistance to high pressure washer	1015.3 psi (7000000 Pa) 131 °F (55 °C) 0.1 m				
Mechanical durability	1000000 cycles				
Electrical composition code	C3 6 single front mounting C4 6 single and double front mounting C5 5 single front mounting C6 5 single and double front mounting C7 4 single front mounting C8 4 single and double front mounting C11 3 single front mounting				
Device presentation	Basic element				

Environment

Protective treatment	тн
Ambient Air Temperature for Storage	-40158 °F (-4070 °C)

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

Ambient air temperature for operation	-40158 °F (-4070 °C)				
Overvoltage category	Class I conforming to IEC 60536				
IP degree of protection	IP66 IEC 60529 IP67 IEC 60529 IP69 IEC 60529 IP69K ISO 20653				
	Type 13 UL 50 E Type 12 UL 50 E Type 4 UL 50 E Type 4X UL 50 E				
IK degree of protection	IK06				
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 18 ms) half sine wave acceleration IEC 60068-2-27 50 gn 11 ms) half sine wave acceleration IEC 60068-2-27 25 gn 6 ms) 1000 shocks on each axis IEC 60068-2-27				

Ordering and shipping details

Category	US10CS222468				
Discount Schedule	0CS2				
GTIN	3606489581381				
Returnability	No				
Country of origin	FR				

Packing Units

Unit Type of Package 1	PCE
Number of Units in Package 1	1
Package 1 Height	1.69 in (4.3 cm)
Package 1 Width	2.05 in (5.2 cm)
Package 1 Length	3.39 in (8.6 cm)
Package 1 Weight	4.7 oz (133.0 g)

Contractual warranty

Warranty 18 months



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		
Carbon footprint (kg CO2 eq, Total Life cycle)	1	

Use Better

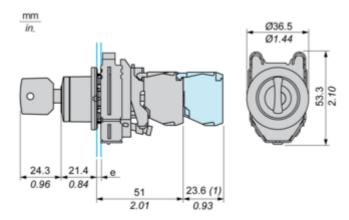
Materials and Substances	
Packaging made with recycled cardboard	Yes
Packaging without single use plastic	Yes
SCIP Number	F28cb399-1b6a-409d-ac7b-4169e47b25c8
China RoHS Regulation	China RoHS declaration
California proposition 65	WARNING: This product can expose you to chemicals including: Lead and lead 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		
Take-back	No	

Dimensions Drawings

Dimensions



 \boldsymbol{e} : clamping thickness: 1 to 6 mm / 0.04 to 0.24 in.

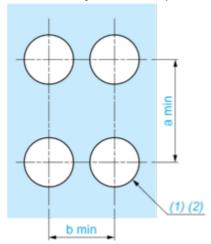
(1): Additional row of contacts

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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

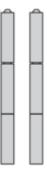


(1): Diameter on finished panel or support

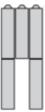
(2): Ø30.75 mm recommended (Ø30.5 $_0^{+0.5}$) / Ø1.21 in. recommended (Ø1.20 in. $_0^{+0.0196}$)

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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

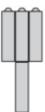




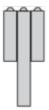


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Electrical Composition Corresponding to Codes C9, C11, SF1 and SR1



Legend

Single contact



Double contact



Light block



Possible location



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Sequence of Contacts Fitted to 3-position Selector Switch Body

Position 315°



	Dacition	Тор			
Push	Position	Bottom			
	Location		Left	Centre	Right
	State		1	1	0
Contacts	N/O		closed	closed	open
	N/C		open	open	closed

Position 0°



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

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Position 45°



Push	Position	Тор			
		Bottom	\triangle		
	Location		Left	Centre	Right
	State		0	1	1
Contacts	N/O		open	closed	closed
	N/C		closed	open	open

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