

Head for key selector switch, Harmony XB5, flush mounted 455 3 pos stay put

ZB5FG5

### Main

Range of product	Harmony XB5			
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	3 positions +/- 45°			
Type of keylock	Key 455			
Key withdrawal position	Left and right			

# Complementary

CAD overall width	37 mm
CAD overall height	37 mm
CAD overall depth	72 mm
Net 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

# **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 60947-1 IEC 60947-5-1 JIS C8201-5-1 IEC 60947-5-4 UL 508 CSA C22.2 No 14 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	4.400 cm
Package 1 Width	5.300 cm
Package 1 Length	9.200 cm
Package 1 Weight	72.000 g



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.eq.CO2 per CR, Total Life cycle)	1	

#### **Use Better**

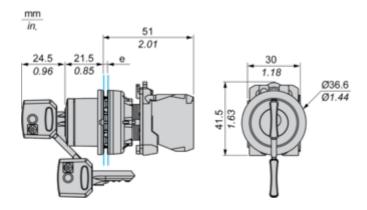
Packaging made with recycled cardboard	Yes
Packaging without single use plastic	Yes
EU RoHS Directive	Pro-active compliance (Product out of EU RoHS legal scope)
SCIP Number	F28cb399-1b6a-409d-ac7b-4169e47b25c8
REACh Regulation	REACh Declaration

#### **Use Again**

○ Repack and remanufacture		
Take-back	No	

#### **Dimensions Drawings**

#### **Dimensions**



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

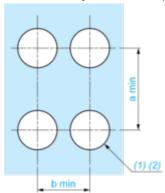
### **Product datasheet**

#### ZB5FG5

### 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

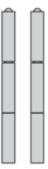


(1) Diameter on finished panel or support

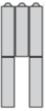
(2) Ø30.75 mm recommended (Ø30.5  $_0^{+0.5}$ ) / Ø1.21 in. recommended (Ø1.20 in.  $_0^{+0.0196}$ )

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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** 

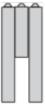


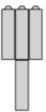


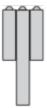


# **Product datasheet**

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# **Product datasheet**

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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



## ZB5FG5

### Sequence of Contacts Fitted to 2-position Selector Switch Body

#### Position 315°



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

#### Position 45°



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