

Head for illuminated selector switch, Harmony XB5, plastic, white handle, universal LED, 3 positions, to center

ZB5FK1513

# Main

Range of product	Harmony XB5				
Product or component type	Head for illuminated selector switch				
Product compatibility	Universal LED				
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	To centre spring return				
Operator profile	White standard handle				
Operator position information	3 positions +/- 45°				

# Complementary

CAD overall width	37 mm
CAD overall height	37 mm
CAD overall depth	46 mm
Net weight	0.03 kg
Mechanical durability	500000 cycles
Electrical composition code	M3 for <4 contacts using single blocks in front mounting with integral LED M6 for <2 contacts using single blocks in front mounting with integral LED and transformer M10 for <2 contacts using single blocks in front mounting with integral LED MF1 for <2 contacts using single blocks in front mounting with integral LED M4 for <4 contacts using single and double blocks in front mounting with integral LED

# **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	UL 508 EN/IEC 60947-1 EN/IEC 60947-5-5 CSA C22.2 No 14 EN/IEC 60947-5-4 EN/IEC 60947-5-1 JIS C8201-5-1 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	4.400 cm
Package 1 Width	5.300 cm
Package 1 Length	6.000 cm
Package 1 Weight	28.000 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
Environmental Disclosure	Product Environmental Profile

#### **Use Better**

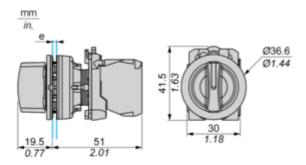
Materials and Substances	
Packaging made with recycled cardboard	Yes
Packaging without single use plastic	Yes
EU RoHS Directive	Pro-active compliance (Product out of EU RoHS legal scope)
REACh Regulation	REACh Declaration

#### **Use Again**

○ Repack and remanufacture				
Circularity Profile	End of Life Information			
Take-back	No			

# **Dimensions Drawings**

#### **Dimensions**



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

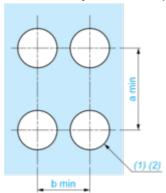
# **Product datasheet**

#### **ZB5FK1513**

# 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.  $_0^{+0.0196}$ )

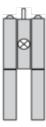
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Connections	a in mm	a in in.	b in mm	b in in.
By screw clamp terminals or plug-in connector	40	1.57	40	1.57
By Faston connectors	45	1.77	40	1.57

# **Product datasheet**

# **ZB5FK1513**

**Technical Description** 

**Electrical Composition Corresponding to Code M3** 



# **Electrical Composition Corresponding to Code M4**



# **Electrical Composition Corresponding to Codes M6 and P2**



# Electrical Composition Corresponding to Codes M5, M10, MF1, MR1 and MF2



# Legend

Single contact



Double contact



Light block



Possible location



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

#### Position 315°



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

#### Position 45°



		Тор			
Push	Position	Bottom			
	Location		Left	$\otimes$	Right
	State		1		1
Cantasta	N/O		closed		closed
Contacts	N/C		open		open