

Head for illuminated selector switch, Harmony XB5, plastic, orange handle, universal LED, 2 positions, spring return

ZB5FK1453

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	Right to left spring return		
Operator profile	Orange standard handle		
Operator position information	2 positions 90°		

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	EN/IEC 60947-5-1 EN/IEC 60947-5-4 UL 508 CSA C22.2 No 14 EN/IEC 60947-1 JIS C8201-5-1 EN/IEC 60947-5-5 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	5.45 cm
Package 1 Width	4.3 cm
Package 1 Length	5.2 cm
Package 1 Weight	22.0 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

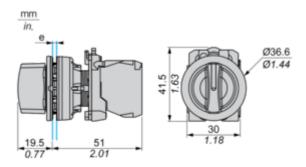
Packaging made with recycled cardboard	No
Packaging without single use plastic	No
EU RoHS Directive	Pro-active compliance (Product out of EU RoHS legal scope)
REACh Regulation	REACh Declaration

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.

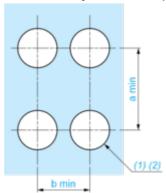
Product datasheet

ZB5FK1453

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. $_0^{+0.0196}$)

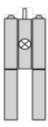
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Connections	a in mm	a in in.	b in mm	b in in.
By screw clamp terminals or plug-in connector	40	1.57	40	1.57
By Faston connectors	45	1.77	40	1.57

Product datasheet

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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



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Single contact



Double contact



Light block



Possible location



Sequence of Contacts Fitted to 2-position Selector Switch Body

Position 315°



	Position	Тор			
Push	Tosition	Bottom			
	Location		Left		Right
	State		0		0
Cantasta	N/O N/C		open		open
Contacts			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