

Antimicrobial flush mounted selector switch head, Harmony XB5, plastic, black, 30mm, 3 positions, spring return left to center

ZB5FD7

Main

Range of product	Harmony XB5				
Product or component type	Head for 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	Left to centre spring return				
Operator profile	Black 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	0.031 kg
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 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 conforming to IEC 60529 IP69K IP69				

NEMA degree of protection	NEMA 13 NEMA 4X 7000000 Pa at 55 °C, distance : 0.1 m				
Resistance to high pressure washer					
IK degree of protection	IK03 conforming to IEC 50102				
Standards	UL 508 CSA C22.2 No 14 JIS C8201-5-1 IEC 60947-5-1 IEC 60947-1 IEC 60947-5-4 JIS C8201-1 ISO 21702 ISO 22196:2011				
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

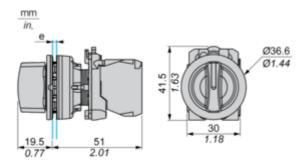
Materials and Substances	
Packaging made with recycled cardboard	Yes
Packaging without single use plastic	Yes
EU RoHS Directive	Pro-active compliance (Product out of EU RoHS legal scope)
REACh Regulation	REACh Declaration

Use Again

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

Dimensions Drawings

Dimensions



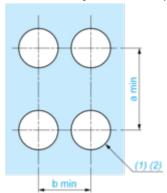
e: Clamping thickness: 1 to 6 mm / 0.04 to 0.24 in.

ZB5FD7

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

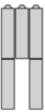
(2) Ø30.75 mm recommended (Ø30.5 $_0^{+0.5}$) / Ø1.21 in. recommended (Ø1.20 in. $_0^{+0.0196}$)

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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

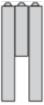
Technical Description

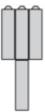


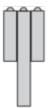




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Electrical Composition Corresponding to Codes C9, C11, SF1 and SR1



ZB5FD7

Electrical Composition Corresponding to Code C15

1 N/O



1 N/C



1 N/O + N/C or 1 N/O + N/O or 1 N/C + N/C



13

Legend

Single contact



Double contact



Light block



Possible location



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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		open	
	N/C		closed	closed	closed	

Position 45°

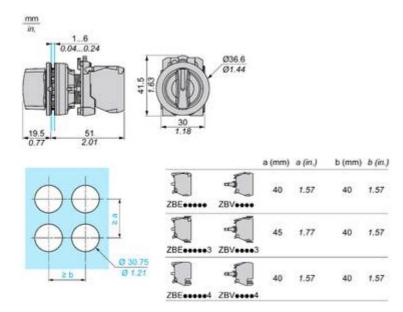


Push		Тор			
	Position	Bottom			
	Location		Left	Centre	Right
	State		1	1	1
Contacts	N/O		closed	closed	closed
	N/C		open	open	open

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Technical Illustration

Dimensions



Offer Marketing Illustration

Product benefits / Features

Technical Benefits

Harmony XB5



Offer Marketing Illustration

Product benefits / Features



9 Apr 2025

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Image of product / Alternate images

Alternative





