

Head for illuminated push button, Harmony XB5, plastic, red flush mounted, 30mm, universal LED, illuminated ring

ZB5FW943

Main

Range of product	Harmony XB5
Product or component type	Head for illuminated push-button
Device short name	ZB5
Product compatibility	Universal LED
Bezel material	Dark grey plastic
Mounting diameter	30.5 mm
Sale per indivisible quantity	1
Head type	Built-in-flush
Shape of signaling unit head	Round
Type of operator	spring return
Operator profile	Red flush, unmarked
Operator additional information	With illuminated ring

Complementary

CAD overall width	37 mm			
CAD overall height	37 mm			
CAD overall depth	30 mm			
Net weight	0.017 kg			
Resistance to high pressure washer	7000000 Pa at 55 °C, distance : 0.1 m			
Mechanical durability	10000000 cycles			
Cap/operator or lens colour	Red			
Marking	Unmarked			
Electrical composition code	M1 for <6 contacts using single blocks in front mounting with integral LED M2 for <6 contacts using single and double 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			

Environment

Protective treatment	TC
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		
NEMA degree of protection	NEMA 13 NEMA 4X		
IK degree of protection	IK03 conforming to IEC 62262		
Standards	UL 508 GB 14048.5 IEC 60947-5-4 JIS C8201-5-1 CSA C22.2 No 14 IEC 60947-5-1 IEC 60947-1 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

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Unit Type of Package 1	PCE
Number of Units in Package 1	1
Package 1 Height	5.334 cm
Package 1 Width	4.572 cm
Package 1 Length	5.334 cm
Package 1 Weight	22.68 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

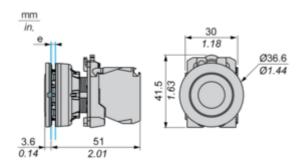
Materials and Substances	
Packaging made with recycled cardboard	Yes
Packaging without single use plastic	Yes
EU RoHS Directive	Pro-active compliance (Product out of EU RoHS legal scope)
REACh Regulation	REACh Declaration

Use Again

○ Repack and remanufacture		
Take-back	No	

Dimensions Drawings

Dimensions



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

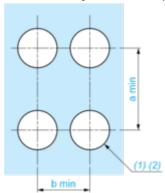
Product datasheet

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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. $_0^{+0.0196}$)

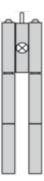
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Connections	a in mm	a in in.	b in mm	b in in.
By screw clamp terminals or plug-in connector	40	1.57	40	1.57
By Faston connectors	45	1.77	40	1.57

Product datasheet

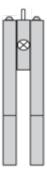
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Technical Description

Electrical Composition Corresponding to Codes M1 and M7



Electrical Composition Corresponding to Codes M2 and M8



Electrical Composition Corresponding to Codes M6 and P2



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



20	nc
uс	:nc
	ae

Single contact



Double contact



Light block



Possible location

