

Push button flush mounted, Harmony XB5, plastic, white, 30mm, spring return, unmarked, 1NO

XB5FA11

Main

Range of product	Harmony XB5				
Product or component type	Push-button				
Device short name	XB5F				
Product compatibility	ZBYF2101 ZBYF4101				
	ZBYF6101				
	ZBYF6102				
	ZBZF32				
	ZBZF33				
	ZB4FBZ007				
Bezel material	Plastic				
	Dark grey plastic				
Head type	Built-in-flush				
Fixing collar material	Plastic				
Mounting diameter	30.5 mm				
Sale per indivisible quantity	1				
Shape of signaling unit head	Round				
Type of operator	spring return				
Operator profile	White flush, unmarked				
Contacts type and composition	1 NO				
Contact operation	Slow-break				
Connections - terminals	Screw clamp terminals, <= 2 x 1.5 mm² with cable end conforming to IEC 60947-1				

Complementary

J				
Height	42 mm			
Width	36.6 mm			
Depth	55 mm			
Terminals description ISO n°1	(21-22)NC			
Resistance to high pressure washer	7000000 Pa at 55 °C, distance : 0.1 m			
Contacts usage	Standard contacts			
Positive opening	Without			
Operating travel	2.6 mm (NC changing electrical state)			
Operating force	3.5 N NC changing electrical state			
Mechanical durability	10000000 cycles			

Tightening torque	0.81.2 N.m conforming to IEC 60947-1				
Shape of screw head	Cross compatible with Philips no 1 screwdriver				
Contacts material	Silver alloy (Ag/Ni)				
Short-circuit protection	10 A cartridge fuse type gG conforming to IEC 60947-5-1				
[Ith] conventional free air thermal current	10 A conforming to IEC 60947-5-1				
[Ui] rated insulation voltage	600 V (pollution degree 3) conforming to IEC 60947-1				
[Uimp] rated impulse withstand voltage	6 kV conforming to IEC 60947-1				
[le] rated operational current	3 A at 240 V, AC-15, A600 conforming to IEC 60947-5-1				
Electrical durability	1000000 cycles AC-15, 2 A at 230 V, operating rate <3600 cyc/h, load factor: 0.5 conforming to IEC 60947-5-1: appendix C				
Electrical reliability	Λ < 10exp(-6) at 5 V and 1 mA in clean environment conforming to IEC 60947-5-4				
Device presentation	Complete product				
Customizable	No				
Customizable	1				
GCR BRIDGE	XB5FACUST01				
Compatibility code	XB5				

Environment

Protective treatment	TH			
Ambiant distance and a				
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 Type 13 conforming to UL 50 E Type 12 conforming to UL 50 E Type 4 conforming to UL 50 E			
	Type 4X conforming to UL 50 E			
NEMA degree of protection	NEMA 13 NEMA 4X			
IK degree of protection	IK03 conforming to IEC 50102			
Standards	IEC 60947-1 UL 508 JIS C8201-5-1 IEC 60947-5-4 IEC 60947-5-1 CSA C22.2 No 14 JIS C8201-1 ISO 22196:2011 ISO 21702			
Product certifications	UL listed CSA			
Vibration resistance	5 gn (f= 2500 Hz) conforming to IEC 60068-2-6 2 mm peak to peak (f= 210 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 25 gn (duration = 6 ms) for 1000 shocks on each axis conforming to IEC 60068-2-27			

Packing Units

Unit Type of Package 1	PCE
Number of Units in Package 1	1
Package 1 Height	8.600 cm
Package 1 Width	4.300 cm
Package 1 Length	5.200 cm
Package 1 Weight	43.000 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	
Total lifecycle Carbon footprint	1
Environmental Disclosure	Product Environmental Profile

Use Better

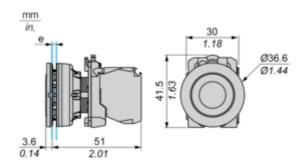
Materials and Substances	
Packaging made with recycled cardboard	Yes
Packaging without single use plastic	Yes
EU RoHS Directive	Pro-active compliance (Product out of EU RoHS legal scope)
REACh Regulation	REACh Declaration
California proposition 65	WARNING: This product can expose you to chemicals including: Nickel compounds, which is known to the State of California to cause cancer, and Di-isodecyl phthalate (DIDP), which is known to the State of California to cause birth defects or other reproductive harm. For more information go to www.P65Warnings.ca.gov

Use Again

○ Repack and remanufacture	
End of life manual availability	End of Life Information
Take-back	No
WEEE Label	The product must be disposed on European Union markets following specific waste collection and never end up in rubbish bins

Dimensions Drawings

Dimensions



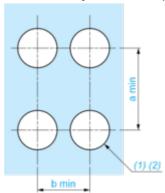
e: Clamping thickness: 1 to 6 mm / 0.04 to 0.24 in.

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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. $_0^{+0.0196}$)

· ·				•
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 data sheet

XB5FA11

Technical Description

Electrical Composition Corresponding to Code C1



Electrical Composition Corresponding to Code C2



Product data sheet

XB5FA11

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



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



Legend

Single contact



Double contact



Light block



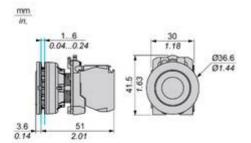
Possible location

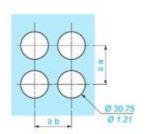


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Technical Illustration

Dimensions





		a (mm)	8 (in.)	b (mm)	b (in.)
ZBE	ZBV	40	1.57	40	1.57
ZBE****3	ZBV••••3	45	1.77	40	1.57
ZBE•••••4	ZBV••••4	40	1.57	40	1.57

Image of product / Alternate images

Alternative









Image of product in real life situation

