

Product data sheet

Specifications



Flush mounted push button head,
Harmony XB5, plastic, white, 30mm,
spring return, unmarked

ZB5FA1

**Product availability: Non-Stock - Not normally stocked in
distribution facility**

Main

Range of Product	Harmony XB5
Product or Component Type	Head for non-illuminated push-button
Device short name	ZB5
Product Compatibility	ZBYF... ZBZF32 ZBZF33 ZB5AZ
Bezel material	Dark grey plastic
Mounting diameter	1.2 in (30.5 mm)
Head type	Built-in-flush
Sale per indivisible quantity	1
Shape of signaling unit head	Round
Type of operator	spring return
Operator profile	White flush, unmarked

Complementary

CAD overall width	1.5 in (37 mm)
CAD overall height	1.5 in (37 mm)
CAD overall depth	1.2 in (30 mm)
Product Weight	0.07 lb(US) (0.03 kg)
Mechanical durability	10000000 cycles
Electrical composition code	C1 9 single front mounting C2 9 single and double front mounting C11 3 single front mounting C15 1 single front mounting SF1 3 single front mounting
Device presentation	Basic element

Environment

Protective treatment	TH
Ambient Air Temperature for Storage	-40...158 °F (-40...70 °C)
Ambient Air Temperature for Operation	-40...158 °F (-40...70 °C)
Overvoltage category	Class II conforming to IEC 60536

Price is "List Price" and may be subject to a trade discount – check with your local distributor or retailer for actual price.

Disclaimer: This documentation is not intended as a substitute for and is not to be used for determining suitability or reliability of these products for specific user applications

IP degree of protection	IP66 IEC 60529 IP67 IEC 60529 IP69 IEC 60529 IP69K ISO 20653 Type 13 UL 50 E Type 12 UL 50 E Type 4 UL 50 E Type 4X UL 50 E
Resistance to high pressure washer	1015.3 psi (7000000 Pa) 131 °F (55 °C) 0.1 m
IK degree of protection	IK03 conforming to IEC 50102
Standards	UL 508 IEC 60947-5-4 IEC 60947-1 JIS C8201-5-1 IEC 60947-5-1 CSA C22.2 No 14 JIS C8201-1 ISO 21702 ISO 22196:2011
Product Certifications	CSA DNV BV LROS (Lloyds register of shipping) UL Listed
Shock resistance	30 gn 18 ms) half sine wave acceleration IEC 60068-2-27 50 gn 11 ms) half sine wave acceleration IEC 60068-2-27 25 gn 6 ms) 1000 shocks on each axis IEC 60068-2-27
Vibration resistance	5 gn (f= 10...500 Hz) conforming to IEC 60068-2-6 2 mm peak to peak (f= 2...10 Hz) conforming to IEC 60068-2-6

Ordering and shipping details

Category	US10CS222467
Discount Schedule	0CS2
GTIN	3606481339034
Returnability	Yes
Country of origin	FR

Packing Units

Unit Type of Package 1	PCE
Nbr. of units in pkg.	1
Package 1 Height	2.2 in (5.6 cm)
Package 1 Width	1.7 in (4.3 cm)
Package 1 Length	2.05 in (5.2 cm)
Package weight(Lbs)	0.8 oz (22 g)
Unit Type of Package 2	BB1
Number of Units in Package 2	5
Package 2 Height	1.7 in (4.3 cm)
Package 2 Width	2.2 in (5.6 cm)
Package 2 Length	10.2 in (26 cm)
Package 2 Weight	4.2 oz (118 g)
Unit Type of Package 3	S02
Number of Units in Package 3	40

Package 3 Height	5.9 in (15 cm)
Package 3 Width	11.8 in (30 cm)
Package 3 Length	15.7 in (40 cm)
Package 3 Weight	2.82 lb(US) (1.28 kg)

Contractual warranty

Warranty (in months)	18
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Environmental Data

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	0.3 kg CO2 eq.
Carbon footprint of the manufacturing phase [A1 to A3]	0.2 kg CO2 eq.
Carbon footprint of the distribution phase [A4]	0 kg CO2 eq.
Carbon footprint of the installation phase [A5]	0 kg CO2 eq.
Carbon footprint of the use phase [B2, B3, B4, B6]	0 kg CO2 eq.
Carbon footprint of the end-of-life phase [C1 to C4]	0.1 kg CO2 eq.

Use Better

 Materials and Substances	
Average percentage of recycled plastic content	6 %
Average percentage of recycled metal content	29 %
Packaging made with recycled cardboard	Yes
Packaging without single use plastic	Yes
EU RoHS Directive	Compliant By Exemption
REACH Regulation	Reference contains Substances of Very High Concern above the threshold
California proposition 65	WARNING: This product can expose you to chemicals including: 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 Longer

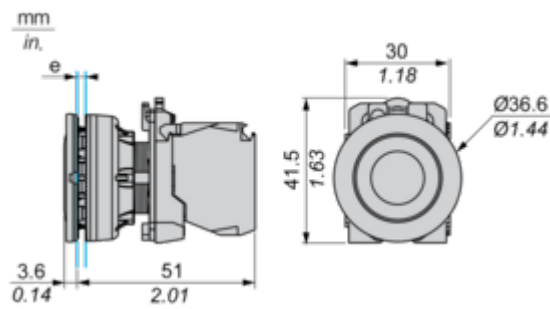
 Lifetime extension	
Repair	No

Use Again

 Repack and remanufacture	
Recyclability potential, in %	0
Circularity Profile	End of Life Information
Take-back	No

Dimensions Drawings

Dimensions

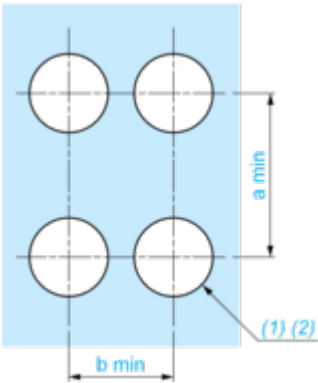


e: Clamping thickness: 1 to 6 mm / 0.04 to 0.24 in.

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) $\varnothing 30.75\text{ mm}$ recommended ($\varnothing 30.5\text{ mm}^{+0.5}_0$) / $\varnothing 1.21\text{ in.}$ recommended ($\varnothing 1.20\text{ in.}^{+0.0196}_0$)

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

Electrical Composition Corresponding to Code C1



Electrical Composition Corresponding to Code C2



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



Electrical Composition Corresponding to Code C15

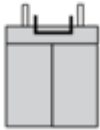
1 N/O



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

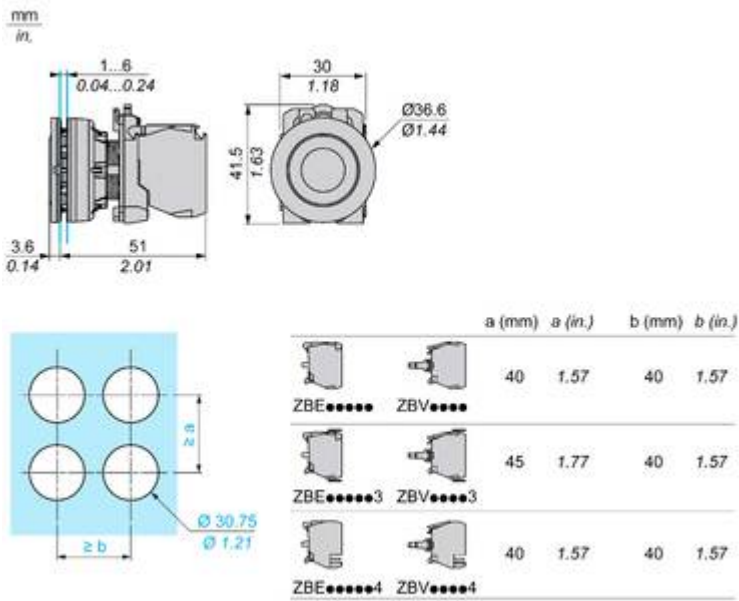


Possible location



Technical Illustration

Dimensions



Offer Marketing Illustration

Product benefits / Features

Features

Harmony XB4/XB5
Flush mounting solution



Innovative and attractive design improving the look and feel of control panels and machines



Quick and easy installation into a standard 30mm hole



Easier to clean with towels than standard offers



Available for pushbuttons, illuminated pushbuttons, pilot lights and selector switches



Robustness to withstand harsh environments



Offer Marketing Illustration

Product benefits / Features



Offer Marketing Illustration

Product benefits / Features

Features

Harmony XB5



Quick and easy assembly and disassembly



Excellent mechanical connection with operator head



Various types of connection: screw clamp, connector, Faston connector, spring terminal, or printed circuit board



Robustness to withstand harsh environments



Large set of accessories to customize your panels



Image of product / Alternate images

Alternative



