Product data sheet

Green Premium™

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

ZB5FA3

Product availability: Stock - Normally stocked in distribution facility

Price*: 13.30 USD

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	Green 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 IEC 60536

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

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
	CSA C22.2 No 14
	JIS C8201-5-1
	IEC 60947-5-1
	JIS C8201-1
	ISO 21702
	ISO 22196:2011
Product Certifications	BV
	UL Listed
	CSA
	LROS (Lloyds register of shipping)
	GL
	DNV
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 10…500 Hz)IEC 60068-2-6
	2 mm peak to peak 2…10 Hz)IEC 60068-2-6

Ordering and shipping details

Category	US10CS222467
Discount Schedule	0CS2
GTIN	3606481339072
Returnability	Yes
Country of origin	FR

Packing Units

Unit Type of Package 1	PCE
Number of Units in Package 1	1
Package 1 Height	1.8 in (4.6 cm)
Package 1 Width	2.1 in (5.4 cm)
Package 1 Length	2.5 in (6.3 cm)
Package 1 Weight	0.8 oz (24 g)
Unit Type of Package 2	S02
Number of Units in Package 2	80
Package 2 Height	5.9 in (15 cm)
Package 2 Width	11.8 in (30 cm)
Package 2 Length	15.7 in (40 cm)
Package 2 Weight	4.905 lb(US) (2.225 kg)

Contractual warranty

Life Is On | Schneider Electric

Warranty   18 months

Sustainability

Green Premium™ label is Schneider Electric's commitment to delivering products with best-in-class environmental performance. Green Premium promises compliance with the latest regulations, transparency on environmental impacts, as well as circular and low-CO_2 products.

Guide to assessing product sustainability is a white paper that clarifies global eco-label standards and how to interpret environmental declarations.

Learn more about Green Premium ›

Guide to assess a product's sustainability ›

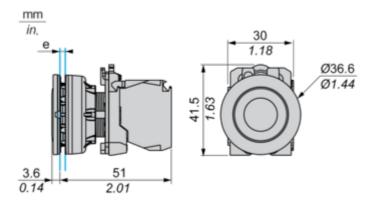Transparency   RoHS/REACh

Well-being performance

✓ Reach Free Of Svhc

✓ Mercury Free

✓ Rohs Exemption Information   Yes

Certifications & Standards

Reach Regulation   REACh Declaration

Eu Rohs Directive   Pro-active compliance (Product out of EU RoHS legal scope)

China Rohs Regulation   China RoHS declaration

Environmental Disclosure   Product Environmental Profile

Circularity Profile   End of Life Information

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"
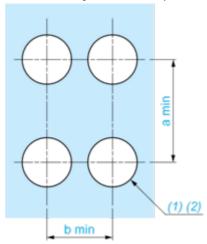
Dimensions Drawings

Dimensions

mm / in.

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) (2)

(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

Life Is On | Schneider Electric

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

ZB5FA3

Legend
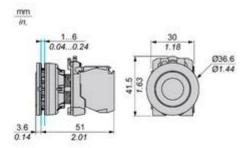
Single contact

Double contact

Light block

Possible location
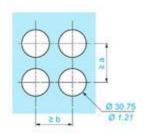
Technical Illustration

Dimensions

		a (mm)	a (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

Offer Marketing Illustration

Product benefits / Features

Offer Marketing Illustration

Product benefits / Features

Life Is On | Schneider

Technical Benefits
Harmony XB5

Conformity with IEC, UL, CSA, CCC EAC, and JIS standards, as well as CE marking and marine approvals

Up to IP66, 67, 69, 69K, and type 4X protection ratings

High vibration resistance with shake-proof terminal screws

Operating temperature from -40°C –to 70°C

Shock protection level up to IK06

Secure switching of inductive or heavy DC loads directly – 100 000 operations at 10A, 24V dc

Life Is On | Schneider Electric

Image of product / Alternate images

Alternative