



Antimicrobial Flush mounted push button head, Harmony XB5, plastic, without cap, 30mm, spring return

ZB5FA0

#### 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	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	without cap

### Complementary

CAD overall width	37 mm		
CAD overall height	37 mm		
CAD overall depth	30 mm		
Product weight	0.028 kg		
Mechanical durability 10000000 cycles			
Electrical composition code	C1 for <9 contacts using single blocks in front mounting C2 for <9 contacts using single and double blocks in front mounting C11 for <3 contacts using single blocks in front mounting C15 for <1 contacts using single blocks in front mounting SF1 for <3 contacts using single blocks in front mounting		

#### **Environment**

Protective treatment	TH
Ambient air temperature for storage	-4070 °C
Ambient air temperature for operation	-4070 °C
Overvoltage category	Class II conforming to IEC 60536

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IP degree of protection	IP66 conforming to IEC 60529
	IP67 conforming to IEC 60529
	IP69 conforming to IEC 60529
	IP69K conforming to ISO 20653
	Type 13 conforming to UL 50 E
	Type 12 conforming to UL 50 E
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	Type 4 conforming to UL 50 E
	Type 4X conforming to UL 50 E
Resistance to high pressure washer	7000000 Pa at 55 °C, distance : 0.1 m
IK degree of protection	IK03 conforming to IEC 50102
Standards	JIS C8201-5-1
	IEC 60947-5-4
	UL 508
	IEC 60947-1
	IEC 60947-5-1
	CSA C22.2 No 14
	JIS C8201-1
	ISO 21702
	ISO 221762
	150 22 190.2011
Product certifications	CSA
	LROS (Lloyds register of shipping)
	UL listed
	BV
	GL
	DNV
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
Vibration resistance	5 gn (f= 10500 Hz) conforming to IEC 60068-2-6
	2 mm peak to peak (f= 210 Hz) conforming to IEC 60068-2-6

# **Packing Units**

_	
Unit Type of Package 1	PCE
Number of Units in Package 1	1
Package 1 Height	5.6 cm
Package 1 Width	4.3 cm
Package 1 Length	5.2 cm
Package 1 Weight	22 g
Unit Type of Package 2	S02
Number of Units in Package 2	40
Package 2 Height	15 cm
Package 2 Width	30 cm
Package 2 Length	40 cm
Package 2 Weight	1.187 kg

# **Contractual warranty**

Warranty 18 months



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Transparency RoHS/REACh

#### Well-being performance

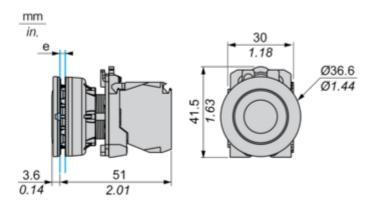
<b>⊘</b>	Reach Free Of Svhc	
<b>⊘</b>	Mercury Free	
<b>⊘</b>	Rohs Exemption Information	Yes

#### **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			

#### **Dimensions Drawings**

#### **Dimensions**



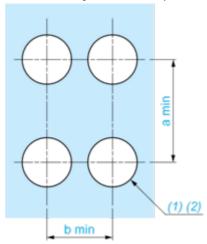
e: Clamping thickness: 1 to 6 mm / 0.04 to 0.24 in.

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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.  $_0^{+0.0196}$ )

0				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



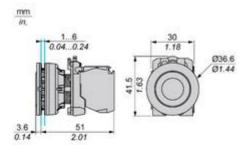
Possible location

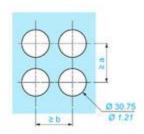


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#### **Technical Illustration**

#### **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 ZBV	40	1.57	40	1.57

#### Offer Marketing Illustration

#### Product benefits / Features

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#### Offer Marketing Illustration

#### **Product benefits / Features**

# **Technical Benefits**

#### Harmony XB5



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# Product datasheet

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Image of product / Alternate images

**Alternative** 





