

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

ZB5FA8

# 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	Grey flush, unmarked				

# Complementary

CAD overall width	37 mm					
CAD overall height	37 mm					
CAD overall depth	30 mm					
Net weight	0.03 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

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 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	CSA C22.2 No 14 UL 508 IEC 60947-5-1 JIS C8201-5-1 IEC 60947-1 IEC 60947-5-4 JIS C8201-1 ISO 21702 ISO 22196:2011
Product certifications	CSA DNV BV LROS (Lloyds register of shipping) UL listed
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	5.45 cm
Package 1 Width	4.3 cm
Package 1 Length	5.2 cm
Package 1 Weight	22.0 g

# **Contractual warranty**

Warranty 18 months	
--------------------	--



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
Environmental Disclosure	Product Environmental Profile

#### **Use Better**

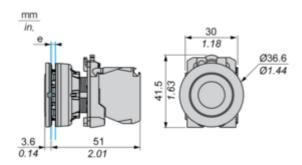
Materials and Substances	
Packaging made with recycled cardboard	Yes
Packaging without single use plastic	Yes
EU RoHS Directive	Pro-active compliance (Product out of EU RoHS legal scope)
REACh Regulation	REACh Declaration

#### **Use Again**

○ Repack and remanufacture	
Circularity Profile	End of Life Information
Take-back	No

# **Dimensions Drawings**

### **Dimensions**



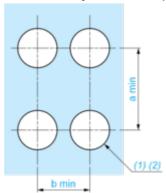
e: Clamping thickness: 1 to 6 mm / 0.04 to 0.24 in.

### ZB5FA8

# 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

# **ZB5FA8**

**Technical Description** 

**Electrical Composition Corresponding to Code C1** 



**Electrical Composition Corresponding to Code C2** 



# **ZB5FA8**

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



# **ZB5FA8**

# **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

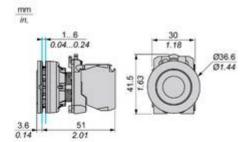


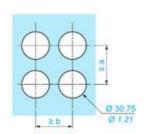
Possible location



# **Technical Illustration**

# **Dimensions**





		a (mm)	8 (in.)	b (mm)	b (in.)
ZBE	ZBV	40	1.57	40	1.57
ZBE3	ZBV••••3	45	1.77	40	1.57
ZBE4	ZBV••••4	40	1.57	40	1.57

Offer Marketing Illustration

#### Product benefits / Features

# **Technical Benefits**

### Harmony XB5



### Offer Marketing Illustration

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



ZB5FA8

Image of product / Alternate images

**Alternative** 





