Specifications





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

ZB5FL2

#### 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	Black projecting, unmarked		

#### Complementary

CAD overall width	37 mm	
CAD overall height	37 mm	
CAD overall depth	32 mm	
Net weight	0.031 kg	
Mechanical durability	1000000 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	
Device presentation	Basic element	

### Environment

protective treatment	тн
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
in degree of protection	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	JIS C8201-5-1
	IEC 60947-5-1
	IEC 60947-5-4
	CSA C22.2 No 14
	IEC 60947-1
	UL 508
	JIS C8201-1
product certifications	DNV
	UL listed
	BV
	GL
	CSA
	LROS (Lloyds register of shipping)
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	4.572 cm
Package 1 Width	5.588 cm
Package 1 Length	5.588 cm
Package 1 Weight	22.68 g

### **Contractual warranty**

Warranty

18 months

## Sustainability Screen Premium

**Green Premium<sup>TM</sup> label** is Schneider Electric's commitment to delivering products with best-inclass environmental performance. Green Premium promises compliance with the latest regulations, transparency on environmental impacts, as well as circular and low-CO<sub>2</sub> 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

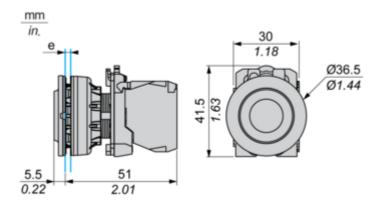
Reach Free Of Svhc
Mercury Free
Rohs Exemption Information Yes

#### **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

#### **Dimensions Drawings**

#### Dimensions

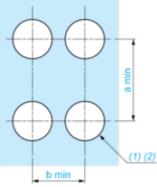


e: Clamping thickness: 1 to 6 mm / 0.04 to 0.24 in.

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**



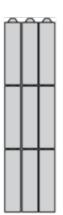
(1) Diameter on finished panel or support

(2) Ø30.75 mm recommended (Ø30.5  $_{0}^{+0.5}$ ) / Ø1.21 in. recommended (Ø1.20 in.  $_{0}^{+0.0196}$ )

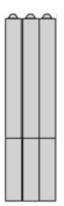
Connections	a in mm	a in in.	b in mm	b in in.
By screw clamp terminals or plug-in connector	40	1.57	40	1.57
By Faston connectors	45	1.77	40	1.57

**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

