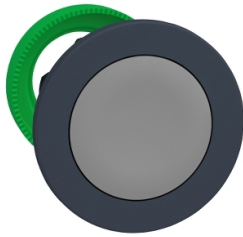


# Product data sheet

Specifications



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

ZB5FA8

Product availability: Non-Stock - Not 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...<br>ZBZF32<br>ZBZF33<br>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              | Grey 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<br>C2 9 single and double front mounting<br>C11 3 single front mounting<br>C15 1 single front mounting<br>SF1 3 single front mounting |

## 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.

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

## Ordering and shipping details

|                          |               |
|--------------------------|---------------|
| <b>Category</b>          | US10CS222467  |
| <b>Discount Schedule</b> | 0CS2          |
| <b>GTIN</b>              | 3606481339164 |
| <b>Returnability</b>     | No            |
| <b>Country of origin</b> | FR            |

## Packing Units

|                                     |                   |
|-------------------------------------|-------------------|
| <b>Unit Type of Package 1</b>       | PCE               |
| <b>Number of Units in Package 1</b> | 1                 |
| <b>Package 1 Height</b>             | 2.15 in (5.45 cm) |
| <b>Package 1 Width</b>              | 1.7 in (4.3 cm)   |
| <b>Package 1 Length</b>             | 2.05 in (5.2 cm)  |
| <b>Package 1 Weight</b>             | 0.8 oz (22.0 g)   |

## Contractual warranty

|                 |           |
|-----------------|-----------|
| <b>Warranty</b> | 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<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

Toxic Heavy Metal Free

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)

[EU RoHS Declaration](#)

**China Rohs Regulation**

[China RoHS declaration](#)

**Environmental Disclosure**

[Product Environmental Profile](#)

**Circularity Profile**

[End of Life Information](#)

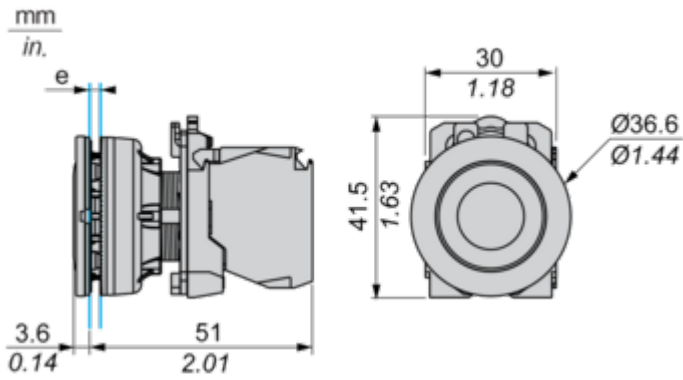
**California Proposition 65**

"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](http://www.P65Warnings.ca.gov)"

Dimensions Drawings

Dimensions

---



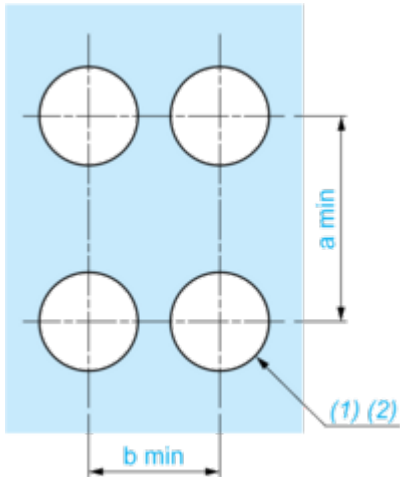
e: Clamping thickness: 1 to 6 mm / 0.04 to 0.24 in.

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)  $\varnothing 30.75$  mm recommended ( $\varnothing 30.5 \begin{smallmatrix} +0.5 \\ 0 \end{smallmatrix}$ ) /  $\varnothing 1.21$  in. recommended ( $\varnothing 1.20$  in.  $\begin{smallmatrix} +0.0196 \\ 0 \end{smallmatrix}$ )

| 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

---

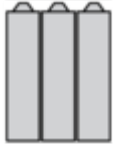


Electrical Composition Corresponding to Code C2

---



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

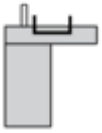




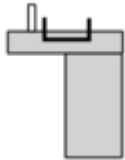
Electrical Composition Corresponding to Code C15

---

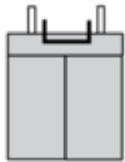
1 N/O



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

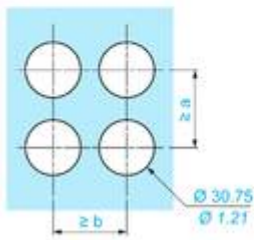
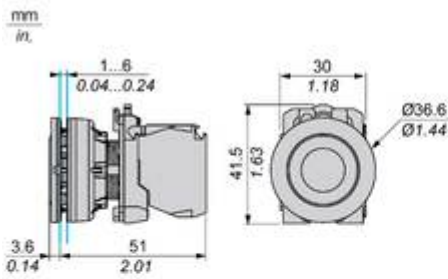


Possible location



Technical Illustration

Dimensions



|           |           | a (mm) | a (in.) | b (mm) | b (in.) |
|-----------|-----------|--------|---------|--------|---------|
|           |           | 40     | 1.57    | 40     | 1.57    |
| ZBE.....  | ZBV.....  |        |         |        |         |
|           |           | 45     | 1.77    | 40     | 1.57    |
| ZBE.....3 | ZBV.....3 |        |         |        |         |
|           |           | 40     | 1.57    | 40     | 1.57    |
| ZBE.....4 | ZBV.....4 |        |         |        |         |

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
- 

Large set of accessories to customize your panels
- 

Robustness to withstand harsh environments

Offer Marketing Illustration

Product benefits / Features

---

## 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

Image of product / Alternate images

Alternative

---

