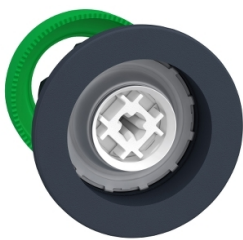


# Product data sheet

Specifications



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

ZB5FA0

**Product availability:** Stock - Normally stocked in distribution facility

## 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              | without cap                          |

## 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)                                                                                                                                                   |
| Net Weight                  | 0.062 lb(US) (0.028 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 conforming to IEC 60536 |

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

Disclaimer: This documentation is not intended as a substitute for and is not to be used for determining suitability or reliability of these products for specific user applications

|                                    |                                                                                                                                                                           |
|------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| IP degree of protection            | 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                          |
| 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                          | JIS C8201-5-1<br>IEC 60947-5-4<br>UL 508<br>IEC 60947-1<br>IEC 60947-5-1<br>CSA C22.2 No 14<br>JIS C8201-1<br>ISO 21702<br>ISO 22196:2011                                 |
| Product Certifications             | CSA<br>DNV<br>BV<br>LROS (Lloyds register of shipping)<br>UL Listed                                                                                                       |
| Shock resistance                   | 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 |
| Vibration resistance               | 5 gn (f= 10...500 Hz) conforming to IEC 60068-2-6<br>2 mm peak to peak (f= 2...10 Hz) conforming to IEC 60068-2-6                                                         |

## Ordering and shipping details

|                   |               |
|-------------------|---------------|
| Category          | US10CS222467  |
| Discount Schedule | 0CS2          |
| GTIN              | 3606481339027 |
| Returnability     | Yes           |
| Country of origin | FR            |

## Packing Units

|                              |                         |
|------------------------------|-------------------------|
| Unit Type of Package 1       | PCE                     |
| Nbr. of units in pkg.        | 1                       |
| Package 1 Height             | 2.2 in (5.6 cm)         |
| Package 1 Width              | 1.7 in (4.3 cm)         |
| Package 1 Length             | 2.05 in (5.2 cm)        |
| Package weight(Lbs)          | 0.8 oz (22 g)           |
| Unit Type of Package 2       | S02                     |
| Number of Units in Package 2 | 40                      |
| 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             | 2.617 lb(US) (1.187 kg) |

## Contractual warranty

Warranty

18 months

Environmental Data

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 CO2 eq, Total Life cycle) | 1 |                                               |
| Environmental Disclosure                       |   | <a href="#">Product Environmental Profile</a> |

Use Better

| Materials and Substances               |                                                                                                                                                                                                                                                                                       |  |
|----------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--|
| Packaging made with recycled cardboard | Yes                                                                                                                                                                                                                                                                                   |  |
| Packaging without single use plastic   | Yes                                                                                                                                                                                                                                                                                   |  |
| <a href="#">EU RoHS Directive</a>      | Pro-active compliance (Product out of EU RoHS legal scope)                                                                                                                                                                                                                            |  |
| 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 <a href="http://www.P65Warnings.ca.gov">www.P65Warnings.ca.gov</a> |  |

Use Again

| Repack and remanufacture |    |                                         |
|--------------------------|----|-----------------------------------------|
| Circularity Profile      |    | <a href="#">End of Life Information</a> |
| Take-back                | No |                                         |

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)  $\varnothing 30.75\text{ mm}$  recommended ( $\varnothing 30.5\text{ mm}^{+0.5}_0$ ) /  $\varnothing 1.21\text{ in.}$  recommended ( $\varnothing 1.20\text{ in.}^{+0.0196}_0$ )

| 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

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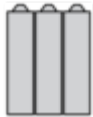


Electrical Composition Corresponding to Code C2

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



Electrical Composition Corresponding to Code C15

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1 N/O



1 N/C



1 N/O + N/C or 1 N/O + N/O or 1 N/C + N/C



Legend

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Single contact



Double contact



Light block

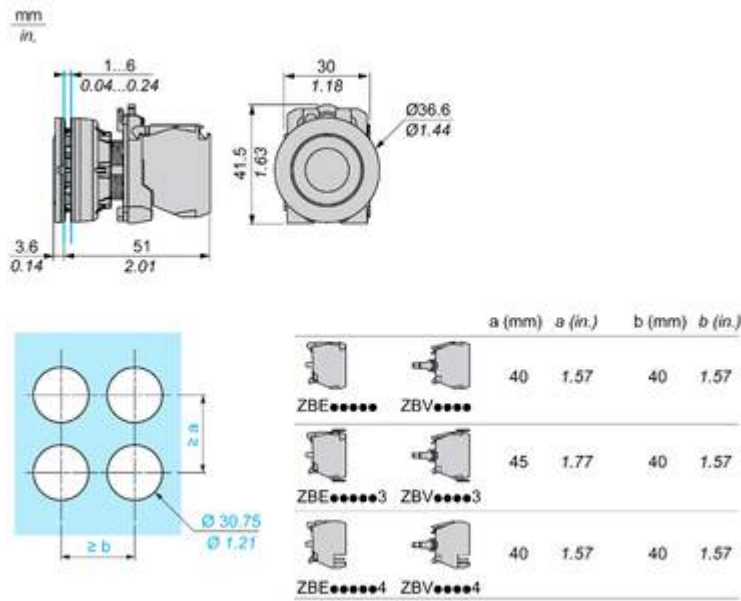


Possible location



Technical Illustration

Dimensions



Offer Marketing Illustration

Product benefits / Features

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### Features

Harmony XB4/XB5  
Flush mounting solution



Innovative and attractive design improving the look and feel of control panels and machines



Quick and easy installation into a standard 30mm hole



Easier to clean with towels than standard offers



Robustness to withstand harsh environments



Available for pushbuttons, illuminated pushbuttons, pilot lights and selector switches



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

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



Robustness to withstand harsh environments



Large set of accessories to customize your panels



Image of product / Alternate images

Alternative

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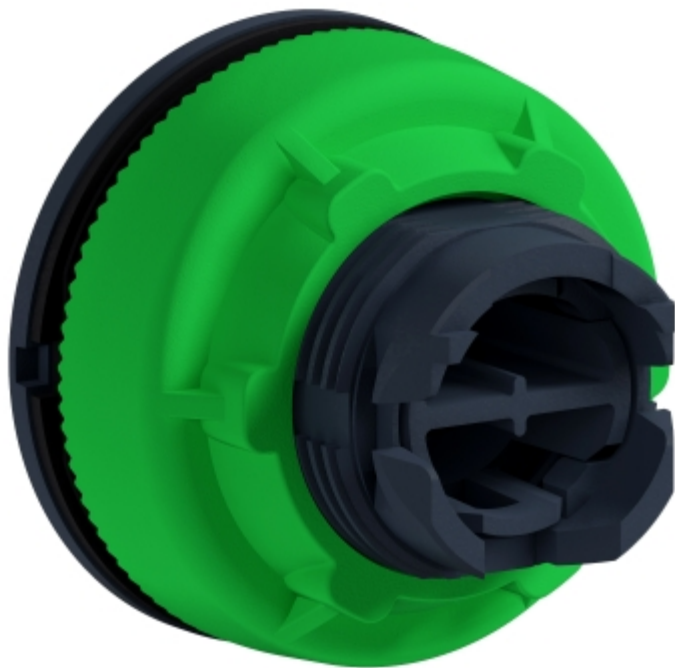
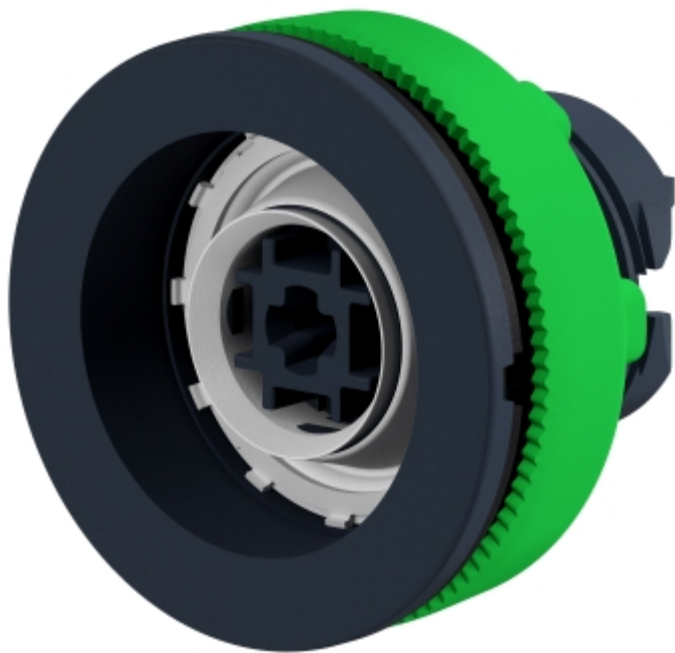




Image of product in real life situation

