

# Product data sheet

Specifications



## Head for non illuminated push button, Harmony XB4, flush mounted without cap

ZB4FH0

**Product availability: Non-Stock - Not normally stocked in distribution facility**

### Main

|                               |                                      |
|-------------------------------|--------------------------------------|
| Range of Product              | Harmony XB4                          |
| Product or Component Type     | Head for non-illuminated push-button |
| Device short name             | ZB4F                                 |
| Bezel material                | Chromium plated metal                |
| Mounting diameter             | 1.2 in (30.5 mm)                     |
| Sale per indivisible quantity | 1                                    |
| Head type                     | Built-in-flush                       |
| Shape of signaling unit head  | Round                                |
| Type of operator              | push-push                            |
| Operator profile              | Without cap flush                    |

### Complementary

|                             |                                                                                          |
|-----------------------------|------------------------------------------------------------------------------------------|
| CAD overall width           | 1.4 in (36.6 mm)                                                                         |
| CAD overall height          | 1.4 in (36.6 mm)                                                                         |
| CAD overall depth           | 1.2 in (31 mm)                                                                           |
| Mechanical durability       | 500000 cycles                                                                            |
| Electrical composition code | C11 3 single front mounting<br>C15 1 single front mounting<br>C9 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 I conforming to IEC 60536                                                                                                              |
| IP degree of protection               | IP66 IEC 60529<br>IP67 IEC 60529<br>IP69 IEC 60529<br>IP69K ISO 20653<br>Type 13 UL 50E<br>Type 12 UL 50E<br>Type 4 UL 50E<br>Type 4X UL 50E |
| IK degree of protection               | IK06 conforming to IEC 50102                                                                                                                 |

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

|                        |                                                                                                                                                                           |
|------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Standards              | CSA C22.2 No 14<br>IEC 60947-5-1<br>IEC 60947-5-4<br>UL 508<br>IEC 60947-1<br>JIS C8201-5-1<br>CE<br>JIS C8201-1                                                          |
| Product Certifications | UL Listed<br>CSA<br>CCC<br>EAC                                                                                                                                            |
| Vibration resistance   | 5 gn (f= 10...500 Hz) conforming to IEC 60068-2-6<br>25 mm peak to peak (f= 2...10 Hz) conforming to IEC 60068-2-6                                                        |
| 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 |

## Ordering and shipping details

|                   |               |
|-------------------|---------------|
| Category          | US10CS222468  |
| Discount Schedule | 0CS2          |
| GTIN              | 3606489581541 |
| Returnability     | Yes           |
| Country of origin | FR            |

## Packing Units

|                        |                     |
|------------------------|---------------------|
| Unit Type of Package 1 | PCE                 |
| Nbr. of units in pkg.  | 1                   |
| Package 1 Height       | 1.772 in (4.500 cm) |
| Package 1 Width        | 2.244 in (5.700 cm) |
| Package 1 Length       | 2.126 in (5.400 cm) |
| Package weight(Lbs)    | 2.046 oz (58.000 g) |

## Contractual warranty

|                      |    |
|----------------------|----|
| Warranty (in months) | 18 |
|----------------------|----|



## 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

|                                                        |                |
|--------------------------------------------------------|----------------|
| Total lifecycle Carbon footprint                       | 0.5 kg CO2 eq. |
| Carbon footprint of the manufacturing phase [A1 to A3] | 0.4 kg CO2 eq. |
| Carbon footprint of the distribution phase [A4]        | 0 kg CO2 eq.   |
| Carbon footprint of the installation phase [A5]        | 0 kg CO2 eq.   |
| Carbon footprint of the use phase [B2, B3, B4, B6]     | 0 kg CO2 eq.   |
| Carbon footprint of the end-of-life phase [C1 to C4]   | 0.1 kg CO2 eq. |

## Use Better



### Materials and Substances

|                                                |                                                                                                                                                                                                                                                                                       |
|------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Average percentage of recycled plastic content | 14 %                                                                                                                                                                                                                                                                                  |
| Average percentage of recycled metal content   | 21 %                                                                                                                                                                                                                                                                                  |
| Packaging made with recycled cardboard         | Yes                                                                                                                                                                                                                                                                                   |
| Packaging without single use plastic           | Yes                                                                                                                                                                                                                                                                                   |
| EU RoHS Directive                              | <a href="#">Compliant</a>                                                                                                                                                                                                                                                             |
| REACH Regulation                               | <a href="#">Reference contains Substances of Very High Concern above the threshold</a>                                                                                                                                                                                                |
| 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 Longer



### Lifetime extension

|        |    |
|--------|----|
| Repair | No |
|--------|----|

## Use Again

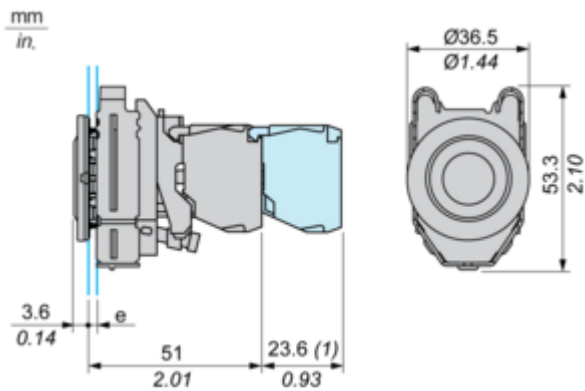


### Repack and remanufacture

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

Dimensions Drawings

Dimensions

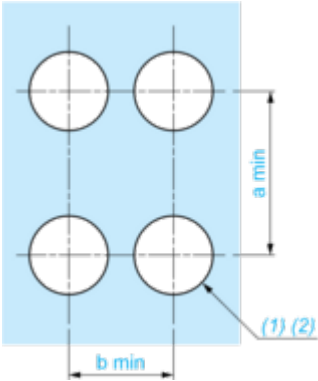


$e$  : clamping thickness: 1 to 6 mm / 0.04 to 0.24 in.  
(1) : Additional row of contacts

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



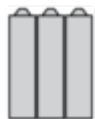
- (1) : Diameter on finished panel or support
- (2) : Ø30.75 mm recommended ( $\text{Ø}30.5 \begin{smallmatrix} +0.5 \\ 0 \end{smallmatrix}$ ) / Ø1.21 in. recommended ( $\text{Ø}1.20 \text{ in.} \begin{smallmatrix} +0.0196 \\ 0 \end{smallmatrix}$ )

| Connections                                 | a in mm | a in in. | b in mm | b in in. |
|---------------------------------------------|---------|----------|---------|----------|
| By connectors                               | 50      | 1.97     | 40      | 1.57     |
| By connectors and with legend holder ZBZF32 | 50      | 1.97     | 40      | 1.57     |
| By connectors and with legend holder ZBZF33 | 60      | 2.36     | 40      | 1.57     |

Technical Description

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

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Electrical Composition Corresponding to Code C15

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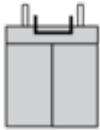
1 N/O



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

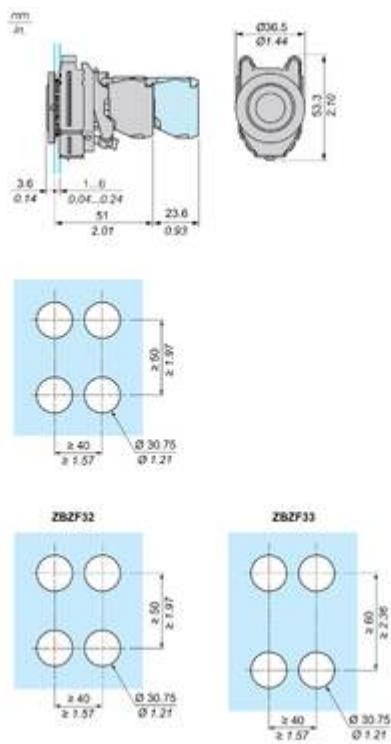


Image of product / Alternate images

Alternative

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