

# Product data sheet

Specifications



Head for illuminated push button,  
Harmony XB4, metal, yellow  
projecting, 30mm, universal LED,  
push-push, unmarked

ZB4FH83

## Main

**Range of product** Harmony XB4

**Product or component type** Head for illuminated push-button

**Product compatibility** Universal LED

**Device short name** ZB4F

**Bezel material** Chromium plated metal

**Head type** Built-in-flush

**Mounting diameter** 30.5 mm

**Sale per indivisible quantity** 1

**Shape of signaling unit head** Round

**Type of operator** push-push

**Operator profile** Yellow projecting, unmarked

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

## Complementary

**CAD overall width** 36.6 mm

**CAD overall height** 36.6 mm

**CAD overall depth** 33 mm

**Net weight** 0.058 kg

**Resistance to high pressure washer** 7000000 Pa at 55 °C, distance : 0.1 m

**Mechanical durability** 500000 cycles

**Electrical composition code** M5 for <2 contacts using single blocks in front mounting with integral LED  
M6 for <2 contacts using single blocks in front mounting with integral LED and transformer  
M10 for <2 contacts using single blocks in front mounting with integral LED

**Device presentation** Basic element

## Environment

**Protective treatment** TH

**Ambient air temperature for storage** -40...70 °C

**Electrical shock protection class** Class I conforming to IEC 60536

<b>Ambient air temperature for operation</b>	-40...70 °C
<b>Overvoltage category</b>	Class I conforming to IEC 60536
<b>IP degree of protection</b>	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
<b>IK degree of protection</b>	IK06 conforming to IEC 50102
<b>Standards</b>	CSA C22.2 No 14 EN/IEC 60947-5-1 EN/IEC 60947-5-4 UL 508 EN/IEC 60947-1 JIS C8201-5-1 CE JIS C8201-1
<b>Product certifications</b>	UL listed CSA CCC EAC
<b>Vibration resistance</b>	5 gn (f= 10...500 Hz) conforming to IEC 60068-2-6 2 mm peak to peak (f= 2...10 Hz) conforming to IEC 60068-2-6
<b>Shock resistance</b>	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

## Packing Units

<b>Unit Type of Package 1</b>	PCE
<b>Number of Units in Package 1</b>	1
<b>Package 1 Height</b>	4.3 cm
<b>Package 1 Width</b>	5.2 cm
<b>Package 1 Length</b>	5.5 cm
<b>Package 1 Weight</b>	58.0 g

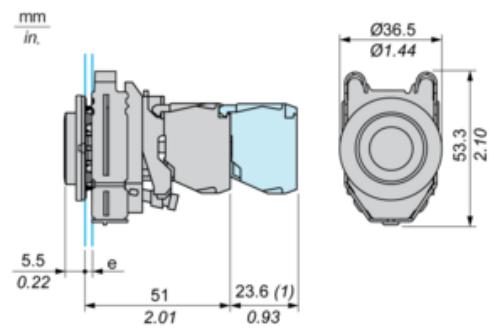
## Offer Sustainability

<b>Sustainable offer status</b>	Green Premium product
<b>REACh Regulation</b>	<a href="#">REACh Declaration</a>
<b>REACh free of SVHC</b>	Yes
<b>EU RoHS Directive</b>	Pro-active compliance (Product out of EU RoHS legal scope) <a href="#">EU RoHS Declaration</a>
<b>Toxic heavy metal free</b>	Yes
<b>Mercury free</b>	Yes
<b>RoHS exemption information</b>	<a href="#">Yes</a>
<b>China RoHS Regulation</b>	<a href="#">China RoHS declaration</a>
<b>Environmental Disclosure</b>	<a href="#">Product Environmental Profile</a>
<b>Circularity Profile</b>	<a href="#">End of Life Information</a>
<b>California proposition 65</b>	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="#">www.P65Warnings.ca.gov</a>

## Contractual warranty

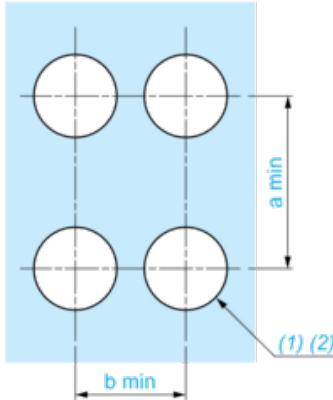
<b>Warranty</b>	18 months
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### Dimensions



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

(1) : Additional row of contacts

**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 ( $\text{Ø}30.5$   $^{+0.5}$ ) / Ø1.21 in. recommended ( $\text{Ø}1.20$  in.  $^{+0.0196}$ )

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

**Recommended replacement(s)**