

# Product datasheet

Specifications



Head for push button, Harmony XB4, pushbutton harsh environment, green, with marking

ZB4BC38031

⚠ Discontinued

## Main

Range of product	Harmony XB4
product or component type	Head for push-button
Device short name	ZB4
Bezel material	Chromium plated metal
Head type	Standard
Mounting diameter	22.5 mm
Sale per indivisible quantity	1
Cap/operator or lens colour	Green

## Complementary

CAD overall width	37 mm
CAD overall height	18.5 mm
CAD overall depth	37 mm
net weight	0.036 kg
Electrical shock protection class	Class I conforming to IEC 61140
Shape of signaling unit head	Round
Type of operator	spring return
Operator profile	Green flush, type H031 (white)
Operator additional information	Vertical mounting
Mechanical durability	10000000 cycles
Vibration resistance	5 gn (f= 2...500 Hz) conforming to IEC 60068-2-6
Shock resistance	30 gn (duration = 18 ms) for half sine wave acceleration conforming to IEC 60068-2-27
Main group	Harsh environment
Group of product	Flush marked type H031
Marking	Type H031
Colour of marking	White
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

## Environment

Ambient air temperature for storage	-40...85 °C
Ambient air temperature for operation	-40...70 °C
IP degree of protection	IP66 conforming to IEC 60529 IP69K IP67 IP69
NEMA degree of protection	NEMA 4 conforming to UL 508 NEMA 13 NEMA 12
Resistance to high pressure washer	90 Pa at 82.5 °C
IK degree of protection	IK06 conforming to IEC 62262
Standards	IEC 60947-5-1 IEC 60947-1 CSA C22.2 UL 508
Product certifications	CE CSA UL

## Packing Units

Unit Type of Package 1	PCE
Number of Units in Package 1	1
Package 1 Height	3.7 cm
Package 1 Width	3.7 cm
Package 1 Length	3.7 cm
Package 1 Weight	36.0 g

## Contractual warranty

Warranty	18 months
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## 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](#)

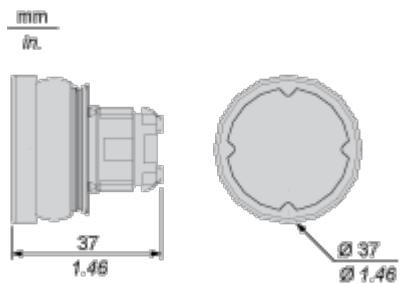
### Circularity Profile

[End of Life Information](#)

## Dimensions Drawings

### Dimensions

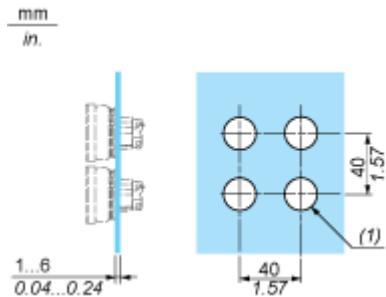
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## Mounting and Clearance

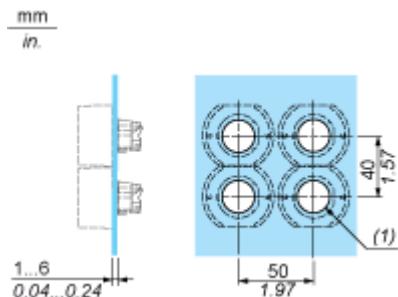
Installation on Flat Surface

## Without Protective Guard



(1) Ø22.5 mm recommended ( $\varnothing 22.3_0^{+0.4}$ ) / Ø0.89 in. recommended ( $\varnothing 0.88_0^{+0.016}$ )

## With Protective Guard



(1) Ø22.5 mm recommended ( $\varnothing 22.3_0^{+0.4}$ ) / Ø0.89 in. recommended ( $\varnothing 0.88_0^{+0.016}$ )

Technical Description

Marking Type H031



**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**

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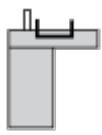


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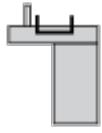
**Electrical Composition Corresponding to Code C15**

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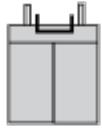
1 N/O



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

