

# Product datasheet

Specifications



Head for push button, Harmony XB4, push button harsh environment, black, with marking type H001

ZB4BC28001

## 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	Black

## 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	Black flush, type H001 (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 H001
Marking	Type H001
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

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

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 60947-1 IEC 60947-5-1 CSA C22.2 UL 508
Product Certifications	CSA CE UL

## Packing Units

Unit Type Of Package 1	PCE
Number Of Units In Package 1	1
Package 1 Height	3.800 cm
Package 1 Width	7.100 cm
Package 1 Length	13.000 cm
Package 1 Weight	32.000 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

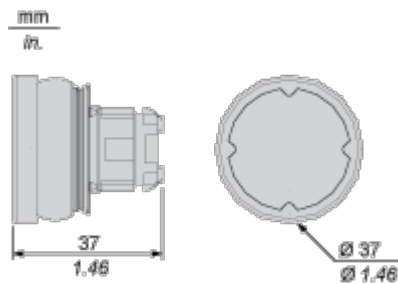
## Certifications & Standards

Reach Regulation	<a href="#">REACH Declaration</a>
Eu Rohs Directive	Pro-active compliance (Product out of EU RoHS legal scope) <a href="#">EU RoHS Declaration</a>
China Rohs Regulation	<a href="#">China RoHS declaration</a>
Environmental Disclosure	<a href="#">Product Environmental Profile</a>
Circularity Profile	<a href="#">End of Life Information</a>

Dimensions Drawings

Dimensions

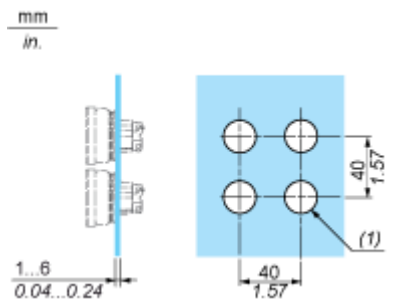
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Mounting and Clearance

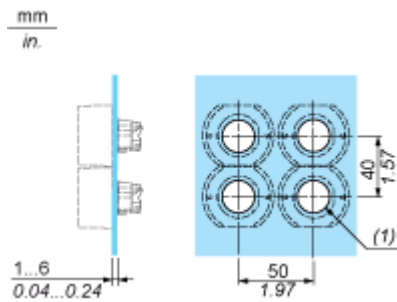
Installation on Flat Surface

Without Protective Guard



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

With Protective Guard



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

Technical Description

Marking Type H001

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Electrical Composition Corresponding to Code C1

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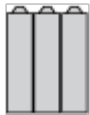


Electrical Composition Corresponding to Code C2

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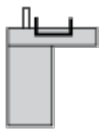


Electrical Composition Corresponding to Codes C9, C11, SF1 and SR1

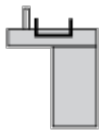


Electrical Composition Corresponding to Code C15

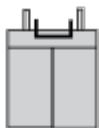
1 N/O



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

