

# Product datasheet

Specifications



pushbutton head for harsh environment - green - with marking-legend rotated 90°

ZB4BC38028RA

! Discontinued on: 19 Dec 2019

! Discontinued

EAN Code: 3606480444463

## Main

Range Of Product	Harmony XB4
Product Or Component Type	Head for push-button
Device Short Name	ZB4
Bezel Material	Chromium plated metal
Mounting Diameter	22 mm
Sale Per Indivisible Quantity	1

## 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 H028 (white)
Operator Additional Information	Horizontal mounting
Mechanical Durability	3000000 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 H028
Cap/Operator Or Lens Colour	Green
Marking	Type H028
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

<b>Ambient Air Temperature For Storage</b>	-40...85 °C
<b>Ambient Air Temperature For Operation</b>	-40...70 °C
<b>Ip Degree Of Protection</b>	IP66 conforming to IEC 60529 IP69K IP69
<b>Nema Degree Of Protection</b>	NEMA 4 conforming to UL 508 NEMA 13 NEMA 12
<b>Resistance To High Pressure Washer</b>	90 Pa at 82.5 °C
<b>Ik Degree Of Protection</b>	IK06 conforming to IEC 62262
<b>Standards</b>	IEC 60947-5-1 IEC 60947-1 CSA C22.2 UL 508
<b>Product Certifications</b>	UL CE CSA

## Packing Units

<b>Unit Type Of Package 1</b>	PCE
<b>Number Of Units In Package 1</b>	1
<b>Package 1 Height</b>	3.76 cm
<b>Package 1 Width</b>	3.7 cm
<b>Package 1 Length</b>	3.7 cm
<b>Package 1 Weight</b>	36 g

## Contractual warranty

<b>Warranty</b>	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

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Toxic Heavy Metal Free

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Mercury Free

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Rohs Exemption Information Yes

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## Certifications & Standards

**Reach Regulation** [REACH Declaration](#)

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**Eu Rohs Directive** Pro-active compliance (Product out of EU RoHS legal scope)  
[EU RoHS Declaration](#)

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**China Rohs Regulation** [China RoHS declaration](#)

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**Environmental Disclosure** [Product Environmental Profile](#)

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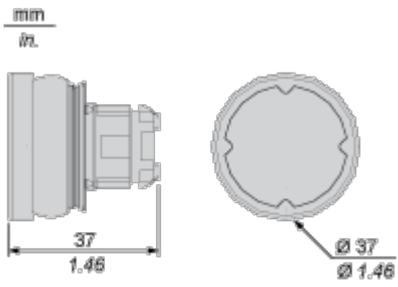
**Circularity Profile** [End of Life Information](#)

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Dimensions Drawings

Dimensions

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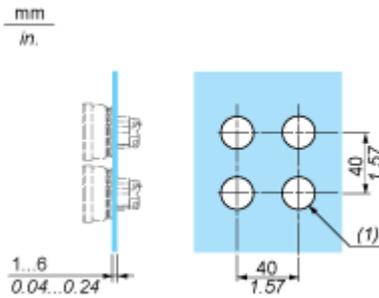


Mounting and Clearance

Installation on Flat Surface

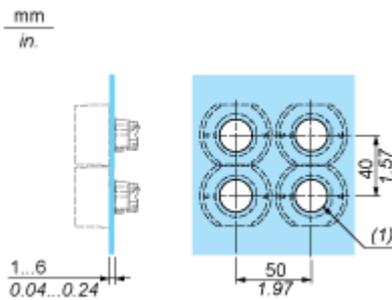
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Without Protective Guard



(1)  $\varnothing 22.5$  mm recommended ( $\varnothing 22.3_0^{+0.4}$ ) /  $\varnothing 0.89$  in. recommended ( $\varnothing 0.88_0^{+0.016}$ )

With Protective Guard



(1)  $\varnothing 22.5$  mm recommended ( $\varnothing 22.3_0^{+0.4}$ ) /  $\varnothing 0.89$  in. recommended ( $\varnothing 0.88_0^{+0.016}$ )

Technical Description

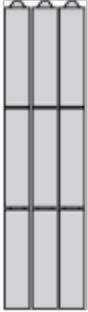
Marking Type H028

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Electrical Composition Corresponding to Code C1

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Electrical Composition Corresponding to Code C2

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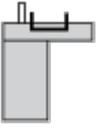
Electrical Composition Corresponding to Codes C9, C11, SF1 and SR1



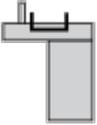
Electrical Composition Corresponding to Code C15

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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

