

# Product data sheet

## Characteristics

# ZB4BC38029RA

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



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



### 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	0.87 in (22 mm)
Sale per indivisible quantity	1

### Complementary

CAD overall width	1.46 in (37 mm)
CAD overall height	0.73 in (18.5 mm)
CAD overall depth	1.46 in (37 mm)
Product weight	0.08 lb(US) (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	Flush green type H029 (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) half sine wave acceleration conforming to IEC 60068-2-27
Main group	Harsh environment
Group of product	Flush marked type H029
Cap/operator or lens colour	Green
Marking	Type H029
Colour of marking	White
Electrical composition code	C15 1 contacts using single blocks in front mounting C11 3 contacts using single blocks in front mounting C1 9 contacts using single blocks in front mounting C2 9 contacts using single and double blocks in front mounting

### Environment

Ambient air temperature for storage	-40...185 °F (-40...85 °C)
Ambient air temperature for operation	-40...158 °F (-40...70 °C)
IP degree of protection	IP69 IP66 conforming to IEC 60529 IP69K
NEMA degree of protection	NEMA 12 NEMA 13 NEMA 4 conforming to UL 508
Resistance to high pressure washer	0.01 psi (90 Pa) at 181 °F (82.5 °C)
IK degree of protection	IK06 conforming to IEC 62262

The information provided in this documentation contains general descriptions and/or technical characteristics of the performance of the products contained herein. 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. It is the duty of any such user or integrator to perform the appropriate and complete risk analysis, evaluation and testing of the products with respect to the relevant specific application or use thereof. Neither Schneider Electric Industries SAS nor any of its affiliates or subsidiaries shall be responsible or liable for misuse of the information contained herein.

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

### Ordering and shipping details

Category	22468 - PUSHBUTTONS,22MM(METAL) NEW
Discount Schedule	CS2
GTIN	003606480444487
Nbr. of units in pkg.	1
Package weight(Lbs)	8.0000000000000002E-2
Returnability	N
Country of origin	FR

### Offer Sustainability

Sustainable offer status	Green Premium product
RoHS (date code: YYWW)	Compliant - since 0627 - Schneider Electric declaration of conformity  Schneider Electric declaration of conformity
REACH	Reference not containing SVHC above the threshold
Product environmental profile	Available
Product end of life instructions	Need no specific recycling operations
California proposition 65	WARNING: This product can expose you to chemicals including:
----- Substance 1	Nickel compounds, which is known to the State of California to cause cancer, and
----- Substance 2	Di-isodecyl phthalate (DIDP), which is known to the State of California to cause birth defects or other reproductive harm.
----- More information	For more information go to <a href="http://www.p65warnings.ca.gov">www.p65warnings.ca.gov</a>

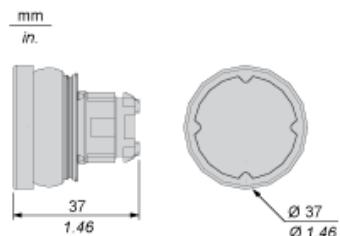
### Contractual warranty

Warranty period	18 months
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Dimensions

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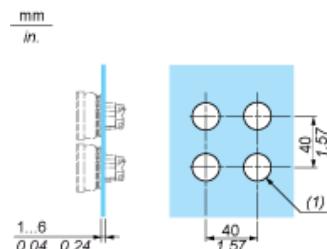


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### Installation on Flat Surface

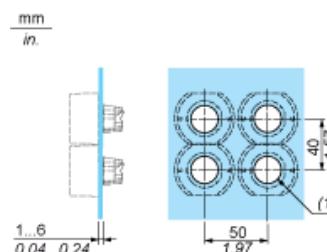
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#### Without Protective Guard



(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 ( $\varnothing 0.88_0^{+0.016}$ )

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Marking Type H029

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Electrical Composition Corresponding to Code C1

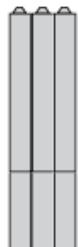
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Electrical Composition Corresponding to Code C2

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

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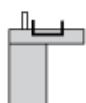


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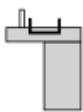
Electrical Composition Corresponding to Code C15

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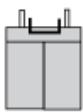
1 N/O



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

