

# Product data sheet

Specifications



Head for push button, Harmony XB4, push button harsh environment, black, with marking type H015

ZB4BC28015

## 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 H015 (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 H015
Marking	Type H015
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	UL 508 IEC 60947-1 IEC 60947-5-1 CSA C22.2
Product certifications	CSA UL CE

## Packing Units

Unit Type of Package 1	PCE
Number of Units in Package 1	1
Package 1 Height	3.700 cm
Package 1 Width	3.700 cm
Package 1 Length	3.800 cm
Package 1 Weight	34.000 g
Unit Type of Package 2	S02
Number of Units in Package 2	60
Package 2 Height	15.000 cm
Package 2 Width	30.000 cm
Package 2 Length	40.000 cm
Package 2 Weight	2.300 kg
Unit Type of Package 3	P06
Number of Units in Package 3	960
Package 3 Height	75.000 cm
Package 3 Width	60.000 cm
Package 3 Length	80.000 cm
Package 3 Weight	44.800 kg

## Contractual warranty

Warranty	18 months
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Schneider Electric aims to achieve Net Zero status by 2050 through supply chain partnerships, lower impact materials, and circularity via our ongoing “Use Better, Use Longer, Use Again” campaign to extend product lifetimes and recyclability.

[Environmental Data explained >](#)

[How we assess product sustainability >](#)

### Environmental footprint

Total lifecycle Carbon footprint **1**

Environmental Disclosure [Product Environmental Profile](#)

## Use Better

### Materials and Substances

Packaging made with recycled cardboard **Yes**

Packaging without single use plastic **No**

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

California proposition 65 **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 [www.P65Warnings.ca.gov](#)**

## Use Again

### Repack and remanufacture

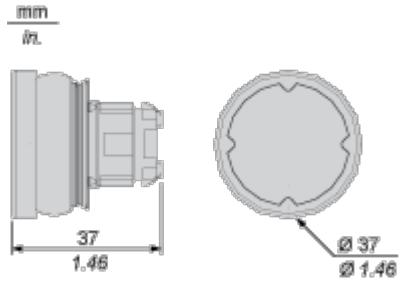
End of life manual availability [End of Life Information](#)

Take-back **No**

Dimensions Drawings

Dimensions

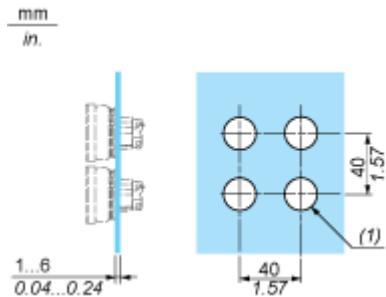
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## Mounting and Clearance

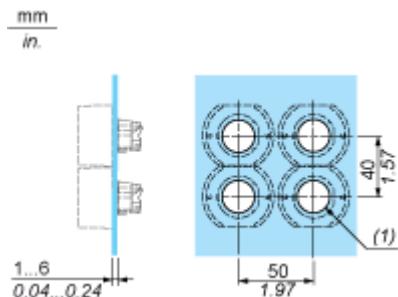
Installation on Flat Surface

## Without Protective Guard



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

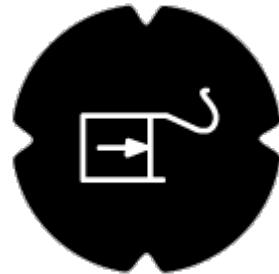
## With Protective Guard



(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 H015



Electrical Composition Corresponding to Code C1

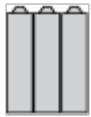


Electrical Composition Corresponding to Code C2



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

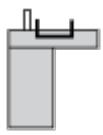
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**Electrical Composition Corresponding to Code C15**

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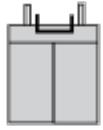
1 N/O



1 N/C



1 N/O + N/C or 1 N/O + N/O or 1 N/C + N/C



Legend

Single contact



Double contact



Light block



Possible location



## Technical Illustration

## Dimensions

