

Product data sheet

Specifications



Push button head, Harmony XB4, metal, flush, black, 22mm, spring return, for harsh environment, marking legend rotated 90 degree

ZB4BC28001RA

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
Head type	Standard
Mounting diameter	0.9 in (22.5 mm)
Sale per indivisible quantity	1
Cap/operator or lens colour	Black

Complementary

CAD overall width	1.5 in (37 mm)
CAD overall height	0.7 in (18.5 mm)
CAD overall depth	1.5 in (37 mm)
Product Weight	0.079 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	Black flush, type H001 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 18 ms) half sine wave acceleration 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 9 single front mounting C2 9 single and double front mounting C11 3 single front mounting C15 1 single front mounting

Environment

Price is "List Price" and may be subject to a trade discount – check with your local distributor or retailer for actual price.

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	IP66 IEC 60529 IP69K IP69
NEMA degree of protection	NEMA 4 UL 508 NEMA 13 NEMA 12
Resistance to high pressure washer	0.01 psi (90 Pa) 180 °F (82.5 °C)
IK degree of protection	IK06 conforming to IEC 62262
Standards	IEC 60947-5-1 CSA C22.2 IEC 60947-1 UL 508
Product Certifications	CE UL CSA

Ordering and shipping details

Category	US10CS222468
Discount Schedule	0CS2
GTIN	3606480444135
Returnability	Yes
Country of origin	FR

Packing Units

Unit Type of Package 1	PCE
Nbr. of units in pkg.	1
Package 1 Height	1.18 in (3 cm)
Package 1 Width	2.36 in (6 cm)
Package 1 Length	3.15 in (8 cm)
Package weight(Lbs)	1.2 oz (34 g)
Unit Type of Package 2	S02
Number of Units in Package 2	100
Package 2 Height	5.91 in (15 cm)
Package 2 Width	11.81 in (30 cm)
Package 2 Length	15.75 in (40 cm)
Package 2 Weight	8.065 lb(US) (3.658 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

Carbon footprint (kg CO2 eq, Total Life cycle) **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](#)**

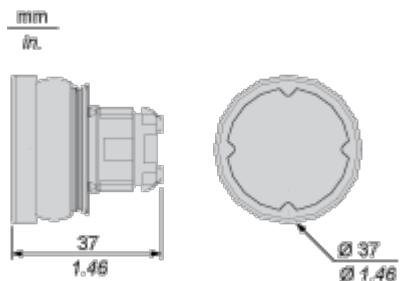
Use Again

Repack and remanufacture

Circularity Profile [End of Life Information](#)

Take-back **No**

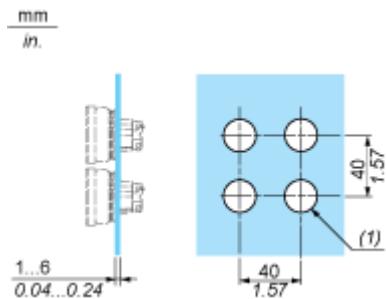
Dimensions Drawings

Dimensions

Mounting and Clearance

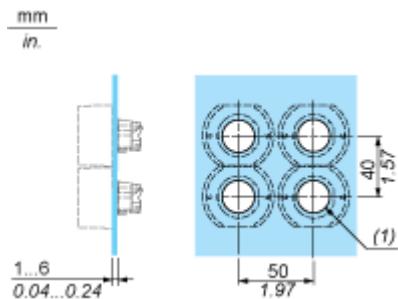
Installation on Flat Surface

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 H001



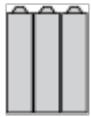
Electrical Composition Corresponding to Code C1



Electrical Composition Corresponding to Code C2

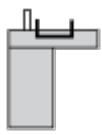


Electrical Composition Corresponding to Codes C9, C11, SF1 and SR1



Electrical Composition Corresponding to Code C15

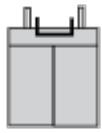
1 N/O



1 N/C



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



Legend

Single contact



Double contact



Light block

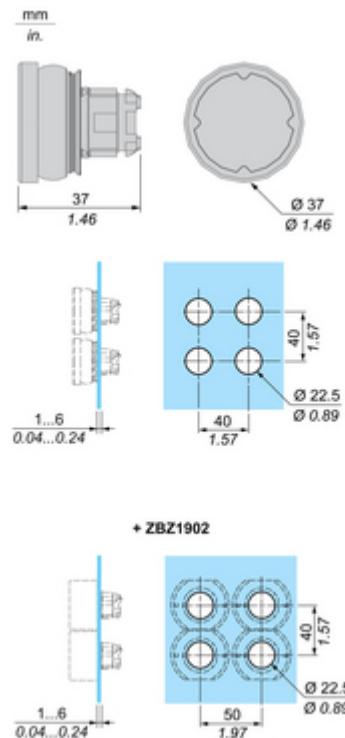


Possible location



Technical Illustration

Dimensions



Offer Marketing Illustration

Product benefits / Features

Technical Benefits

Harmony XB4

Conformity with IEC, UL, CSA, CCC EAC, and JIS standards, as well as CE marking and marine approvals

Up to IP66, 67, 69, 69K, and type 4X protection ratings

High vibration resistance with shake-proof terminal screws

Operating temperature from -40°C to 70°C

Shock protection level up to IK06

Secure switching of inductive or heavy DC loads directly – 100 000 operations at 10A, 24V dc



Offer Marketing Illustration

Product benefits / Features

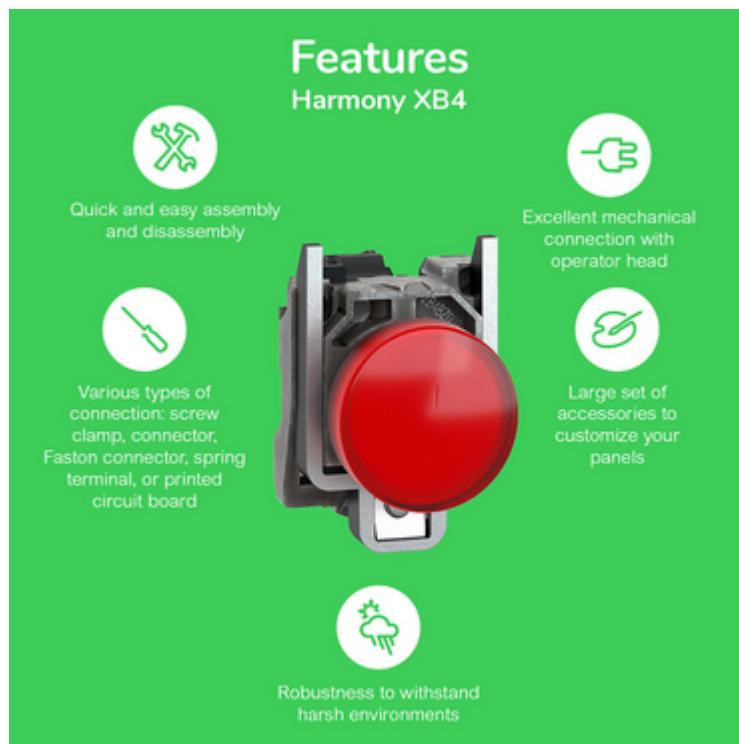


Image of product / Alternate images

Alternative

