

# Product data sheet

Specifications



Contact block, Harmony XB4,  
Harmony XB5, single contact, for  
head 22mm, standard contacts, plug  
in connector, 1NC

ZBE1024

**Product availability: Stock - Normally stocked in distribution facility**

## Main

Range of Product	Harmony XB5 Harmony XB4
Product or Component Type	Contact block
Device short name	ZBE
Sale per indivisible quantity	5
IP degree of protection	IP20 IEC 60529
Contact operation	Slow-break
Contact block type	Single
Contacts usage	Standard contacts
Connections - terminals	Plug-in connector

## Complementary

Net Weight	0.024 lb(US) (0.011 kg)
Contacts type and composition	1 NC
Positive opening	With IEC 60947-5-1 appendix K
Operating travel	0.06 in (1.5 mm) NC changing electrical state) 0.2 in (4.3 mm) total travel)
Operating force	2 N NC changing electrical state
Mechanical durability	10000000 cycles
Contacts material	Silver alloy (Ag/Ni)
Short-circuit protection	4 A cartridge fuse gG IEC 60947-5-1
[I <sub>th</sub> ] conventional free air thermal current	10 A IEC 60947-5-1
[U <sub>i</sub> ] rated insulation voltage	250 V 3)IEC 60947-1
[U <sub>imp</sub> ] rated impulse withstand voltage	4 kV IEC 60947-1
[I <sub>e</sub> ] rated operational current	3 A 240 V, AC-15, A300 IEC 60947-5-1 6 A 120 V, AC-15, A300 IEC 60947-5-1 0.1 A 250 V, DC-13, R300 IEC 60947-5-1 0.22 A 125 V, DC-13, R300 IEC 60947-5-1
Electrical durability	1000000 cycles, AC-15, 1 A 230 V 3600 cyc/h 0.5 IEC 60947-5-1 appendix C 1000000 cycles, AC-15, 1.5 A 120 V 3600 cyc/h 0.5 IEC 60947-5-1 appendix C 1000000 cycles, AC-15, 3 A 24 V 3600 cyc/h 0.5 IEC 60947-5-1 appendix C 1000000 cycles, DC-13, 0.15 A 110 V 3600 cyc/h 0.5 IEC 60947-5-1 appendix C 1000000 cycles, DC-13, 0.4 A 24 V 3600 cyc/h 0.5 IEC 60947-5-1 appendix C
Mounting of block	Front mounting

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

<b>Electrical composition code</b>	C11 3) C14 2) M10 2)
<b>Device presentation</b>	Basic element

## Environment

<b>Protective treatment</b>	TH
<b>Ambient Air Temperature for Storage</b>	-40...158 °F (-40...70 °C)
<b>Ambient Air Temperature for Operation</b>	-40...158 °F (-40...70 °C)
<b>Standards</b>	CSA C22.2 No 14 UL 508 IEC 60947-1 IEC 60947-5-4 JIS C8201-5-1 IEC 60947-5-1 JIS C8201-1
<b>Product Certifications</b>	CSA BV LROS (Lloyds register of shipping) DNV UL
<b>Vibration resistance</b>	5 gn (f= 2...500 Hz) conforming to IEC 60068-2-6
<b>Shock resistance</b>	30 gn 18 ms) half sine wave acceleration IEC 60068-2-27 50 gn 11 ms) half sine wave acceleration IEC 60068-2-27

## Ordering and shipping details

<b>Category</b>	US10CS222469
<b>Discount Schedule</b>	0CS2
<b>GTIN</b>	3389110089509
<b>Returnability</b>	Yes
<b>Country of origin</b>	FR

## Packing Units

<b>Unit Type of Package 1</b>	PCE
<b>Nbr. of units in pkg.</b>	1
<b>Package 1 Height</b>	2.20 in (5.600 cm)
<b>Package 1 Width</b>	1.73 in (4.400 cm)
<b>Package 1 Length</b>	2.13 in (5.400 cm)
<b>Package weight(Lbs)</b>	0.247 oz (7.000 g)
<b>Unit Type of Package 2</b>	BB1
<b>Number of Units in Package 2</b>	5
<b>Package 2 Height</b>	2.20 in (5.600 cm)
<b>Package 2 Width</b>	1.73 in (4.400 cm)
<b>Package 2 Length</b>	2.13 in (5.400 cm)
<b>Package 2 Weight</b>	1.517 oz (43.000 g)
<b>Unit Type of Package 3</b>	S03
<b>Number of Units in Package 3</b>	800
<b>Package 3 Height</b>	11.81 in (30.000 cm)

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<b>Package 3 Width</b>	11.81 in (30.000 cm)
<b>Package 3 Length</b>	15.75 in (40.000 cm)
<b>Package 3 Weight</b>	17.101 lb(US) (7.757 kg)

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## **Contractual warranty**

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<b>Warranty</b>	18 months
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## Environmental Data

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 Yes

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

REACH Regulation [REACH Declaration](#)

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](http://www.P65Warnings.ca.gov)

## Use Again

### Repack and remanufacture

Circularity Profile No need of specific recycling operations

Take-back No

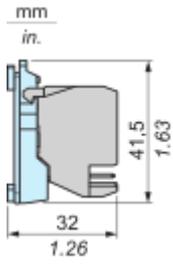
WEEE  The product must be disposed on European Union markets following specific waste collection and never end up in rubbish bins.

Dimensions Drawings

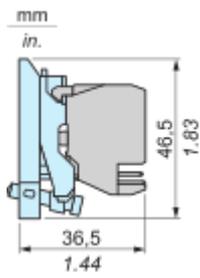
Dimensions

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with ZB5AZ009 Fixing Collar



with ZB4BZ009 Fixing Collar



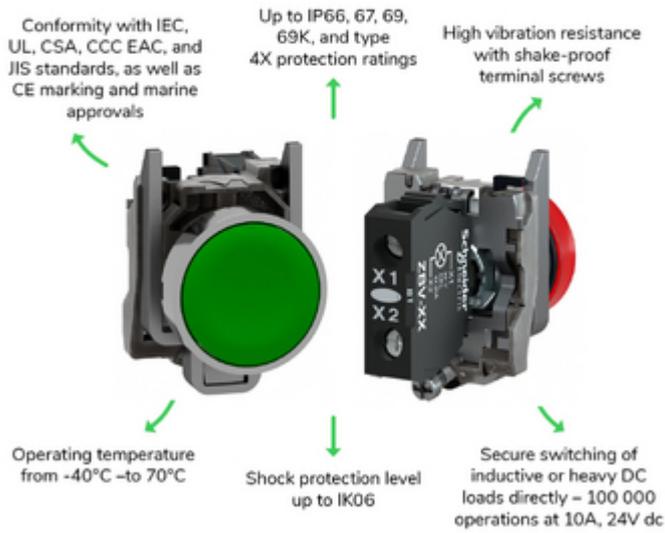
Offer Marketing Illustration

Product benefits / Features

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## Technical Benefits

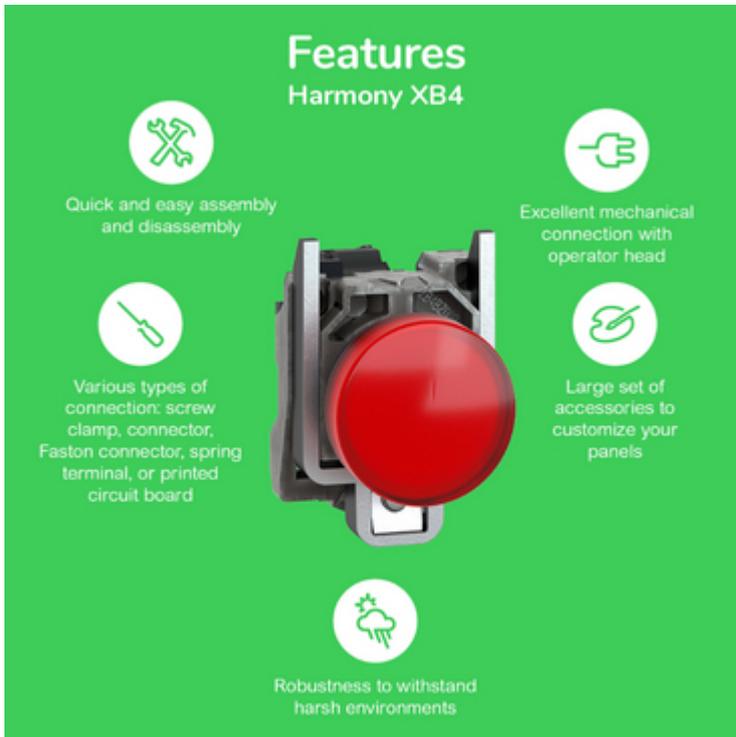
### Harmony XB4



Offer Marketing Illustration

Product benefits / Features

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The infographic features a central image of a red push-button switch with a grey base. Surrounding this central image are five circular icons, each with a corresponding text description. The background is a solid green color.

### Features Harmony XB4

- Quick and easy assembly and disassembly** (Icon: crossed wrench and screwdriver)
- Excellent mechanical connection with operator head** (Icon: hand holding a plug)
- Various types of connection: screw clamp, connector, Faston connector, spring terminal, or printed circuit board** (Icon: screwdriver)
- Large set of accessories to customize your panels** (Icon: plug with a slash through it)
- Robustness to withstand harsh environments** (Icon: lightning bolt and rain cloud)

Image of product / Alternate images

Alternative

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