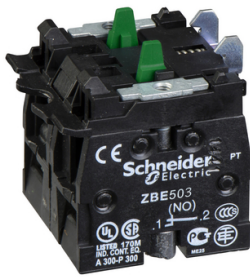


# Product data sheet

Specifications



High power switching contact block,  
Harmony XB4, silver alloy, screw  
clamp terminal, 2NO

ZBE503

Product availability: Stock - Normally stocked in distribution facility

## Main

|                               |                                                                                                                                                                                                                                                                                    |
|-------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Range of Product              | Harmony XB4<br>Harmony XB5                                                                                                                                                                                                                                                         |
| Product or Component Type     | Contact block                                                                                                                                                                                                                                                                      |
| Device short name             | ZBE                                                                                                                                                                                                                                                                                |
| Sale per indivisible quantity | 1                                                                                                                                                                                                                                                                                  |
| IP degree of protection       | IP20 IEC 60529                                                                                                                                                                                                                                                                     |
| Contact operation             | Slow-break                                                                                                                                                                                                                                                                         |
| Contact block type            | Double                                                                                                                                                                                                                                                                             |
| Contacts usage                | High power switching contacts                                                                                                                                                                                                                                                      |
| Connections - terminals       | Screw clamp terminals, <= 1 x 2.5 mm <sup>2</sup> with cable end<br>Screw clamp terminals, <= 2 x 1.5 mm <sup>2</sup> with cable end<br>Screw clamp terminals, <= 2 x 2.5 mm <sup>2</sup> without cable end<br>Screw clamp terminals, >= 1 x 0.5 mm <sup>2</sup> without cable end |

## Complementary

|                                             |                                        |
|---------------------------------------------|----------------------------------------|
| Product Weight                              | 0.071 lb(US) (0.032 kg)                |
| Contacts type and composition               | 2 NO                                   |
| Positive opening                            | Without                                |
| Mechanical durability                       | 10000000 cycles                        |
| Short-circuit protection                    | 10 A cartridge fuse gG IEC 60947-5-1   |
| [Ith] conventional free air thermal current | 10 A IEC 60947-5-1                     |
| [Ui] rated insulation voltage               | 300 VIEC 60947-1                       |
| [Uimp] rated impulse withstand voltage      | 6 kV IEC 60947-1                       |
| [Ie] rated operational current              | 1.1 A 125 V, DC-13, P300 IEC 60947-5-1 |
| Mounting of block                           | Front mounting                         |
| Electrical composition code                 | C15 1)                                 |

## Environment

|                                       |                                                                                                                    |
|---------------------------------------|--------------------------------------------------------------------------------------------------------------------|
| Ambient Air Temperature for Storage   | -40...158 °F (-40...70 °C)                                                                                         |
| Ambient Air Temperature for Operation | -40...158 °F (-40...70 °C)                                                                                         |
| 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<br>50 gn 11 ms) half sine wave acceleration IEC 60068-2-27 |

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

Disclaimer: 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

## Ordering and shipping details

|                   |               |
|-------------------|---------------|
| Category          | US10CS222469  |
| Discount Schedule | 0CS2          |
| GTIN              | 3389119042239 |
| Returnability     | Yes           |
| Country of origin | FR            |

## Packing Units

|                              |                         |
|------------------------------|-------------------------|
| Unit Type of Package 1       | PCE                     |
| Nbr. of units in pkg.        | 1                       |
| Package 1 Height             | 1.7 in (4.2 cm)         |
| Package 1 Width              | 1.7 in (4.4 cm)         |
| Package 1 Length             | 2.05 in (5.2 cm)        |
| Package weight(Lbs)          | 1.4 oz (40.0 g)         |
| Unit Type of Package 2       | S02                     |
| Number of Units in Package 2 | 80                      |
| Package 2 Height             | 5.9 in (15 cm)          |
| Package 2 Width              | 11.8 in (30 cm)         |
| Package 2 Length             | 15.7 in (40 cm)         |
| Package 2 Weight             | 7.712 lb(US) (3.498 kg) |

## Contractual warranty

|                      |    |
|----------------------|----|
| Warranty (in months) | 18 |
|----------------------|----|



## 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

|                                                        |                |
|--------------------------------------------------------|----------------|
| Total lifecycle Carbon footprint                       | 0.4 kg CO2 eq. |
| Carbon footprint of the manufacturing phase [A1 to A3] | 0.2 kg CO2 eq. |
| Carbon footprint of the distribution phase [A4]        | 0 kg CO2 eq.   |
| Carbon footprint of the installation phase [A5]        | 0 kg CO2 eq.   |
| Carbon footprint of the use phase [B2, B3, B4, B6]     | 0 kg CO2 eq.   |
| Carbon footprint of the end-of-life phase [C1 to C4]   | 0.1 kg CO2 eq. |

## Use Better



### Materials and Substances

|                                                |                                                                                                                                                                                                                                                                                              |
|------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Average percentage of recycled plastic content | 23 %                                                                                                                                                                                                                                                                                         |
| Average percentage of recycled metal content   | 13 %                                                                                                                                                                                                                                                                                         |
| Packaging made with recycled cardboard         | Yes                                                                                                                                                                                                                                                                                          |
| Packaging without single use plastic           | Yes                                                                                                                                                                                                                                                                                          |
| EU RoHS Directive                              | <a href="#">Compliant</a>                                                                                                                                                                                                                                                                    |
| REACH Regulation                               | <a href="#">Free of Substances of Very High Concern above the threshold</a>                                                                                                                                                                                                                  |
| California proposition 65                      | <b>WARNING:</b> 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 <a href="http://www.P65Warnings.ca.gov">www.P65Warnings.ca.gov</a> |

## Use Longer



### Lifetime extension

|        |    |
|--------|----|
| Repair | No |
|--------|----|

## Use Again



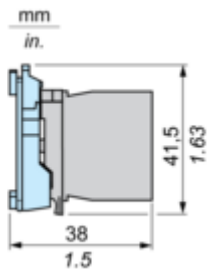
### Repack and remanufacture

|                               |                                                                                                                                                                                                                  |
|-------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Recyclability potential, in % | 98                                                                                                                                                                                                               |
| Circularity Profile           | No need of specific recycling operations                                                                                                                                                                         |
| Take-back                     | No                                                                                                                                                                                                               |
| WEEE Label                    |  The product must be disposed on European Union markets following specific waste collection and never end up in rubbish bins. |

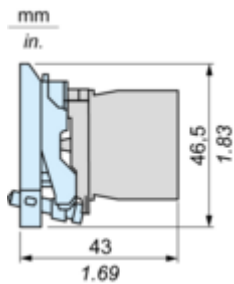
Dimensions Drawings

Dimensions

with ZB5AZ009 Fixing Collar

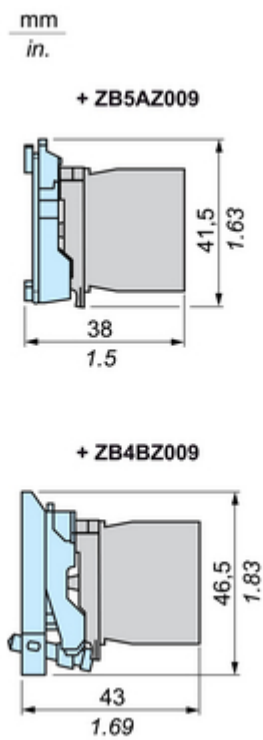


with ZB4BZ009 Fixing Collar



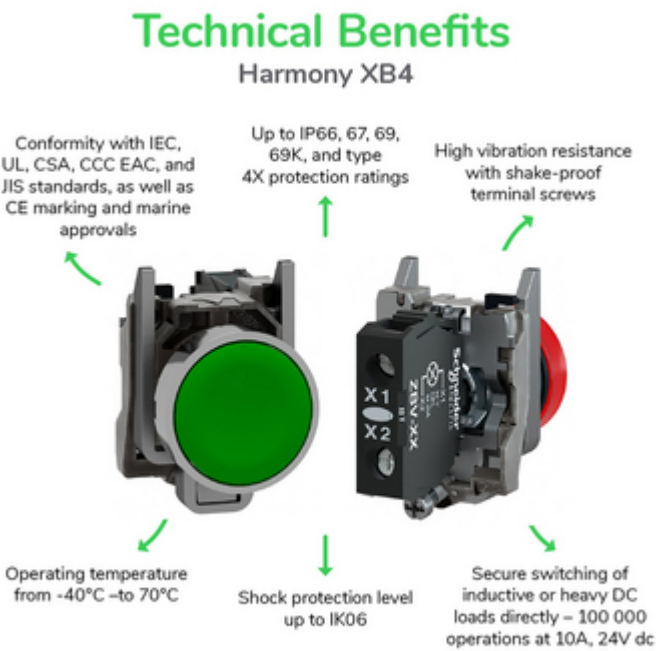
Technical Illustration

Dimensions



Offer Marketing Illustration

Product benefits / Features



Offer Marketing Illustration

Product benefits / Features

### Features

Harmony XB4



Quick and easy assembly and disassembly



Various types of connection: screw clamp, connector, Faston connector, spring terminal, or printed circuit board



Excellent mechanical connection with operator head



Large set of accessories to customize your panels



Robustness to withstand harsh environments

