



# THE DATASHEET OF ZB4BV6



# Product data sheet

Specifications



Contact block with protected terminals, Harmony 9001K, Harmony 9001SK, 0...600V, silver alloy contacts, screw clamp terminal, late break, 1NC

9001KA5

## Main

|                               |                                 |
|-------------------------------|---------------------------------|
| Range of product              | Harmony 9001K<br>Harmony 9001SK |
| Product or component type     | Contact block                   |
| Device short name             | 9001K                           |
| Contacts type and composition | 1 NC                            |

## Complementary

|  |   |
|--|---|
| Terminals description ISO n°1                            | (3-4)NO_CL  |
| Product weight   | 0.023 kg  |
| Contact operation  | Late-break  |
| Positive opening   | With conforming to IEC 60947-5-2  |
| Connections - terminals                                  | Screw clamp terminals, 1 x 0.22...2 x 2.5 mm <sup>2</sup> conforming to IEC 60947-1   |
| Tightening torque  | 0.8 N.m conforming to IEC 60947-1   |
| Shape of screw head                                      | Cross slotted   |
| Contacts material  | Silver alloy contacts   |
| Short-circuit protection                                 | 10 A cartridge fuse conforming to IEC 60947-5-1   |
| [I <sub>th</sub> ] conventional free air thermal current | 10 A  |
| [U <sub>i</sub> ] rated insulation voltage               | 250 V (pollution degree 3) conforming to IEC 60947-1  |
| [U <sub>imp</sub> ] rated impulse withstand voltage      | 2.5 kV conforming to IEC 60947-1  |
| [I <sub>e</sub> ] rated operational current              | 3 A at 240 V, AC-15, A600-Q600 conforming to NEMA<br>0.55 A at 125 V, DC-13, A600-Q600 conforming to NEMA   |
| [I <sub>cm</sub> ] rated short-circuit making capacity   | 12 kA at 600 V AC-15, 7200 VA<br>15 kA at 480 V AC-15, 7200 VA<br>30 kA at 240 V AC-15, 7200 VA<br>60 kA at 120 V AC-15, 7200 VA<br>0.55 kA at 125 V DC-13<br>0.1 kA at 600 V DC-13<br>0.27 kA at 250 V DC-13 |
| Rated breaking capacity                                  | 3 kA at 240 V AC-15, 720 VA<br>6 kA at 120 V AC-15, 720 VA<br>1.2 kA at 600 V AC-15, 720 VA<br>1.5 kA at 480 V AC-15, 720 VA<br>0.1 kA at 600 V DC-13<br>0.27 kA at 250 V DC-13<br>0.55 kA at 125 V DC-13     |
| [U <sub>s</sub> ] rated supply voltage                   | 0...600 V   |
| Connections - terminals                                  | Screw-clamp terminals   |

## Environment

|                                       |   |
|---------------------------------------|---|
| Protective treatment                  | TC  |
| Ambient air temperature for storage   | -40...70 °C   |
| Ambient air temperature for operation | -25...70 °C   |
| Electrical shock protection class     | Class II conforming to IEC 61140  |
| Standards                             | IEC 60947-5-1<br>UL 508<br>IEC 60947-5-4<br>CSA C22.2 No 14<br>JIS C 4520<br>IEC 60947-1<br>JIS C 852<br>UL 60947-5-1 |
| Product certifications                | NEMA<br>UL 508  |
| Vibration resistance                  | 7 gn (f= 2...500 Hz) conforming to IEC 60068-2-6  |
| Shock resistance                      | 50 gn conforming to IEC 60068-2-27  |

## Packing Units

|                              |          |
|------------------------------|----------|
| Unit Type of Package 1       | PCE      |
| Number of Units in Package 1 | 1        |
| Package 1 Height             | 2.54 cm  |
| Package 1 Width              | 3.556 cm |
| Package 1 Length             | 4.318 cm |
| Package 1 Weight             | 22.68 g  |

## Contractual warranty

|          |           |
|----------|-----------|
| Warranty | 18 months |
|----------|-----------|



## 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

[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)

SCIP Number

Ae0c4eb9-0bfb-40a4-851f-5c619fbe777d

REACH Regulation

[REACH Declaration](#)

California proposition 65

**WARNING:** This product can expose you to chemicals including: Nickel compounds, which is known to the State of California to cause cancer, and 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

Take-back

No

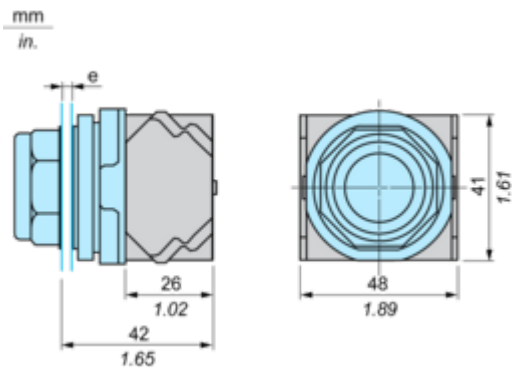
WEEE Label

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

Dimensions Drawings

Dimensions

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e panel thickness: 1 to 6 mm / 0.04 to 0.24 in.

Image of product / Alternate images

Alternative



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## Looking for pricing, stock, or lifecycle information?

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## Optimize Your Supply Chain with WIN SOURCE Solutions

-  Global Sourcing Solution
-  Obsolete Management
-  Cost Control Management
-  Shortage Management
-  Alternative Solution
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