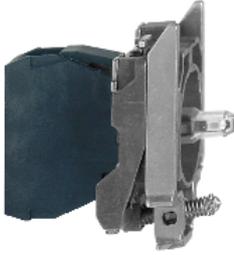


# Product datasheet

Specifications



## orange light block with body/fixing collar integral LED 110...120V

Local distributor code: 237093424 ZB4BVG5

! Discontinued on: 31 January 2023

! End-of-service on: 05 April 2023

! Discontinued

**Important message :** All colored LED are replaced with a single Universal LED block for use with new illuminated heads (more information at [se.com/harmonyxb4](http://se.com/harmonyxb4) or [se.com/harmonyxb5](http://se.com/harmonyxb5))  
EAN Code : 3389110892468

### Main

|                               |  |
|-------------------------------|--|
| Range of product              | Harmony XB4  |
| Product or component type     | Complete body/light block assembly   |
| Device short name             | ZB4  |
| Fixing collar material        | Zamak  |
| Sale per indivisible quantity | 1  |
| Connections - terminals       | Screw clamp terminals, $\leq 2 \times 1.5 \text{ mm}^2$ with cable end<br>Screw clamp terminals, $\geq 1 \times 0.22 \text{ mm}^2$ without cable end |
| Light source                  | Protected LED  |
| Bulb base                     | Integral LED   |
| Light source colour           | Orange   |
| [Us] rated supply voltage     | 110...120 V AC at 50/60 Hz   |

### Complementary

|  |   |
|--|---|
| CAD overall width                      | 30 mm   |
| CAD overall height                     | 47 mm   |
| CAD overall depth                      | 37 mm   |
| Terminals description ISO n°1          | (X1-X2)PL   |
| Net weight                             | 0.054 kg  |
| Tightening torque                      | 0.8...1.2 N.m conforming to EN 60947-1  |
| Shape of screw head                    | Cross compatible with Philips no 1 screwdriver<br>Cross compatible with pozidriv No 1 screwdriver<br>Slotted compatible with flat $\varnothing 4 \text{ mm}$ screwdriver<br>Slotted compatible with flat $\varnothing 5.5 \text{ mm}$ screwdriver |
| [Ui] rated insulation voltage          | 600 V (pollution degree 3) conforming to EN 60947-1   |
| [Uimp] rated impulse withstand voltage | 6 kV conforming to EN 60947-1   |
| Signalling type                        | Steady  |
| Current consumption                    | 14 mA   |
| Service life                           | 100000 h at rated voltage and 25 °C   |

|                        |                                  |
|------------------------|----------------------------------|
| <b>Surge withstand</b> | 1 kV conforming to IEC 61000-4-5 |
|------------------------|----------------------------------|

|                            |                      |
|----------------------------|----------------------|
| <b>Device presentation</b> | Basic sub-assemblies |
|----------------------------|----------------------|

## Environment

|                             |    |
|-----------------------------|----|
| <b>Protective treatment</b> | TH |
|-----------------------------|----|

|  |             |
|--|-------------|
| <b>Ambient air temperature for storage</b> | -40...70 °C |
|--|-------------|

|  |             |
|--|-------------|
| <b>Ambient air temperature for operation</b> | -40...70 °C |
|--|-------------|

|  |                                 |
|--|---------------------------------|
| <b>Electrical shock protection class</b> | Class I conforming to IEC 60536 |
|--|---------------------------------|

|                  |   |
|------------------|---|
| <b>Standards</b> | EN/IEC 60947-5-4<br>EN/IEC 60947-5-1<br>CSA C22.2 No 14<br>EN/IEC 60947-1<br>UL 508<br>JIS C8201-5-1<br>EN/IEC 60947-5-5<br>JIS C8201-1 |
|------------------|---|

|                               |   |
|-------------------------------|---|
| <b>Product certifications</b> | LROS (Lloyds register of shipping)<br>GL<br>UL listed<br>BV<br>CSA<br>DNV |
|-------------------------------|---|

|                             |  |
|-----------------------------|--|
| <b>Vibration resistance</b> | 5 gn (f= 2...500 Hz) conforming to IEC 60068-2-6 |
|-----------------------------|--|

|                         |  |
|-------------------------|--|
| <b>Shock resistance</b> | 30 gn (duration = 18 ms) for half sine wave acceleration conforming to IEC 60068-2-27<br>50 gn (duration = 11 ms) for half sine wave acceleration conforming to IEC 60068-2-27 |
|-------------------------|--|

|                                      |                                  |
|--------------------------------------|----------------------------------|
| <b>Resistance to fast transients</b> | 2 kV conforming to IEC 61000-4-4 |
|--------------------------------------|----------------------------------|

|   |                                    |
|---|------------------------------------|
| <b>Resistance to electromagnetic fields</b> | 10 V/m conforming to IEC 61000-4-3 |
|---|------------------------------------|

|  |  |
|--|--|
| <b>Resistance to electrostatic discharge</b> | 6 kV on contact (on metal parts) conforming to IEC 61000-2-6<br>8 kV in free air (in insulating parts) conforming to IEC 61000-2-6 |
|--|--|

|                                 |                                 |
|---------------------------------|---------------------------------|
| <b>Electromagnetic emission</b> | Class B conforming to IEC 55011 |
|---------------------------------|---------------------------------|

## Packing Units

|                               |     |
|-------------------------------|-----|
| <b>Unit Type of Package 1</b> | PCE |
|-------------------------------|-----|

|                                     |   |
|-------------------------------------|---|
| <b>Number of Units in Package 1</b> | 1 |
|-------------------------------------|---|

|                         |          |
|-------------------------|----------|
| <b>Package 1 Height</b> | 3.600 cm |
|-------------------------|----------|

|                        |          |
|------------------------|----------|
| <b>Package 1 Width</b> | 5.500 cm |
|------------------------|----------|

|                         |          |
|-------------------------|----------|
| <b>Package 1 Length</b> | 6.000 cm |
|-------------------------|----------|

|                         |        |
|-------------------------|--------|
| <b>Package 1 Weight</b> | 52.0 g |
|-------------------------|--------|

|                               |     |
|-------------------------------|-----|
| <b>Unit Type of Package 2</b> | S03 |
|-------------------------------|-----|

|                                     |     |
|-------------------------------------|-----|
| <b>Number of Units in Package 2</b> | 200 |
|-------------------------------------|-----|

|                         |           |
|-------------------------|-----------|
| <b>Package 2 Height</b> | 30.000 cm |
|-------------------------|-----------|

|                        |           |
|------------------------|-----------|
| <b>Package 2 Width</b> | 30.000 cm |
|------------------------|-----------|

|                         |           |
|-------------------------|-----------|
| <b>Package 2 Length</b> | 40.000 cm |
|-------------------------|-----------|

|                         |           |
|-------------------------|-----------|
| <b>Package 2 Weight</b> | 10.895 kg |
|-------------------------|-----------|

|                               |     |
|-------------------------------|-----|
| <b>Unit Type of Package 3</b> | P06 |
|-------------------------------|-----|

|                                     |      |
|-------------------------------------|------|
| <b>Number of Units in Package 3</b> | 1600 |
|-------------------------------------|------|

|                         |           |
|-------------------------|-----------|
| <b>Package 3 Height</b> | 77.000 cm |
|-------------------------|-----------|

|                        |           |
|------------------------|-----------|
| <b>Package 3 Width</b> | 80.000 cm |
|------------------------|-----------|

|                         |           |
|-------------------------|-----------|
| <b>Package 3 Length</b> | 60.000 cm |
|-------------------------|-----------|

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Package 3 Weight 100.284 kg

## Offer Sustainability

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Sustainable offer status Green Premium product

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REACH Regulation [REACH Declaration](#)

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REACH free of SVHC Yes

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

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Mercury free Yes

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China RoHS Regulation [China RoHS declaration](#)

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RoHS exemption information Yes

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Environmental Disclosure [Product Environmental Profile](#)

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Circularity Profile [End of Life Information](#)

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

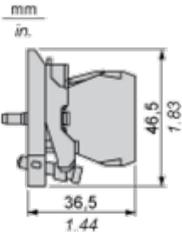
## Contractual warranty

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Warranty 18 months

**Dimensions**

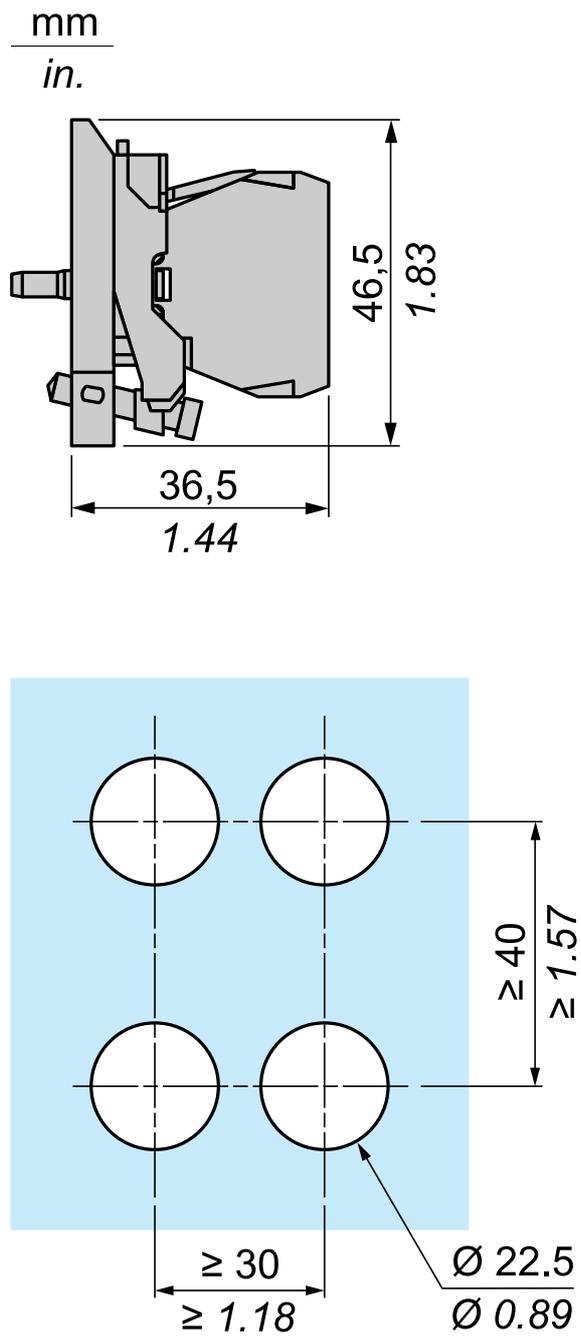
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**Panel Cut-out for Pushbuttons, Switches and Pilot Lights (Finished Holes, Ready for Installation)**

| Connection by Screw Clamp Terminals or Plug-in Connectors or on Printed Circuit Board   | Connection by Faston Connectors |
|---|---------------------------------|
|   |                                 |
| <p>(1) Diameter on finished panel or support<br/>                 (2) 40 mm min. / 1.57 in. min.<br/>                 (3) 30 mm min. / 1.18 in. min.<br/>                 (4) <math>\varnothing</math> 22.5 mm / 0.89 in. recommended (<math>\varnothing</math> 22.3 mm <math>_0^{+0.4}</math> / 0.88 in. <math>_0^{+0.016}</math>)<br/>                 (5) 45 mm min. / 1.78 in. min.<br/>                 (6) 32 mm min. / 1.26 in. min.</p> |                                 |

## Dimensions



## Recommended replacement(s)

ZB4BVG5 is replaced by:

1x



white light block with body/fixing collar integral LED 110...120V  
ZB4BVG1