

# Product data sheet

Specifications



Light block, Harmony XB4 XB5,  
white, for head 22mm, universal  
LED, screw clamp terminals, 24V  
AC DC

ZBVB1

## Main

|                               |                                                                                                                                                                                                          |
|-------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Range of product              | Harmony XB5<br>Harmony XB4                                                                                                                                                                               |
| Product or component type     | Light block                                                                                                                                                                                              |
| Device short name             | ZBV                                                                                                                                                                                                      |
| Sale per indivisible quantity | 5                                                                                                                                                                                                        |
| Connections - terminals       | Screw clamp terminals, $\leq 2 \times 1.5 \text{ mm}^2$ with cable end conforming to IEC 60947-1<br>Screw clamp terminals, $\geq 1 \times 0.22 \text{ mm}^2$ without cable end conforming to IEC 60947-1 |
| Signalling type               | Steady                                                                                                                                                                                                   |
| Light source                  | Universal LED                                                                                                                                                                                            |
| Bulb base                     | Integral LED                                                                                                                                                                                             |
| Light block supply            | Direct                                                                                                                                                                                                   |
| Light source colour           | White                                                                                                                                                                                                    |
| [Us] rated supply voltage     | 24 V AC/DC at 50/60 Hz                                                                                                                                                                                   |

## Complementary

|                             |                                                                                                                                                                                                           |
|-----------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Product weight              | 0.017 kg                                                                                                                                                                                                  |
| Tightening torque           | 0.8...1.2 N.m conforming to IEC 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 Ø 4 mm screwdriver<br>Slotted compatible with flat Ø 5.5 mm screwdriver |
| Supply voltage limits       | 19.2...30 V DC<br>21.6...26.4 V AC                                                                                                                                                                        |
| Current consumption         | 15 mA                                                                                                                                                                                                     |
| Service life                | 100000 h at rated voltage and 25 °C                                                                                                                                                                       |
| Surge withstand             | 1 kV conforming to IEC 61000-4-5                                                                                                                                                                          |
| Mounting of block           | Front mounting                                                                                                                                                                                            |
| Electrical composition code | M1<br>M2<br>M3<br>M4<br>M5<br>M6<br>M10<br>MF1<br>P1<br>P2<br>PF1                                                                                                                                         |
| Device presentation         | Basic element                                                                                                                                                                                             |

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

## Environment

|                                       |                                                                                                                                    |
|---------------------------------------|------------------------------------------------------------------------------------------------------------------------------------|
| Protective treatment                  | TH                                                                                                                                 |
| Ambient air temperature for storage   | -40...70 °C                                                                                                                        |
| Ambient air temperature for operation | -40...70 °C                                                                                                                        |
| IP degree of protection               | IP20 conforming to IEC 60529                                                                                                       |
| Standards                             | JIS C8201-5-1<br>IEC 60947-1<br>IEC 60947-5-1<br>CSA C22.2 No 14<br>IEC 60947-5-5<br>IEC 60947-5-4<br>UL 508<br>JIS C8201-1        |
| Product certifications                | UL listed<br>CSA                                                                                                                   |
| Resistance to fast transients         | 2 kV conforming to IEC 61000-4-4                                                                                                   |
| Resistance to electromagnetic fields  | 10 V/m conforming to IEC 61000-4-3                                                                                                 |
| Resistance to electrostatic discharge | 6 kV on contact (on metal parts) conforming to IEC 61000-4-2<br>8 kV in free air (in insulating parts) conforming to IEC 61000-4-2 |
| Electromagnetic emission              | Class B conforming to IEC 55011                                                                                                    |
| [Us] rated supply voltage             | 24 V                                                                                                                               |

## Packing Units

|                              |           |
|------------------------------|-----------|
| Unit Type of Package 1       | PCE       |
| Number of Units in Package 1 | 1         |
| Package 1 Height             | 1.000 cm  |
| Package 1 Width              | 3.300 cm  |
| Package 1 Length             | 4.000 cm  |
| Package 1 Weight             | 8.800 g   |
| Unit Type of Package 2       | BB1       |
| Number of Units in Package 2 | 5         |
| Package 2 Height             | 4.000 cm  |
| Package 2 Width              | 5.500 cm  |
| Package 2 Length             | 5.500 cm  |
| Package 2 Weight             | 50.000 g  |
| Unit Type of Package 3       | S03       |
| Number of Units in Package 3 | 800       |
| Package 3 Height             | 30.000 cm |
| Package 3 Width              | 30.000 cm |
| Package 3 Length             | 40.000 cm |
| Package 3 Weight             | 8.687 kg  |

## 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          |                                               |
|----------------------------------|-----------------------------------------------|
| Total lifecycle Carbon footprint | 5                                             |
| Environmental Disclosure         | <a href="#">Product Environmental Profile</a> |

Use Better

| Materials and Substances               |                                                                                                                                                                                                                                                                                             |
|----------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Packaging made with recycled cardboard | Yes                                                                                                                                                                                                                                                                                         |
| Packaging without single use plastic   | Yes                                                                                                                                                                                                                                                                                         |
| <a href="#">EU RoHS Directive</a>      | Pro-active compliance (Product out of EU RoHS legal scope)                                                                                                                                                                                                                                  |
| California proposition 65              | WARNING: This product can expose you to chemicals including: Lead and lead compounds, which is known to the State of California to cause cancer and birth defects or other reproductive harm. For more information go to <a href="http://www.P65Warnings.ca.gov">www.P65Warnings.ca.gov</a> |

Use Again

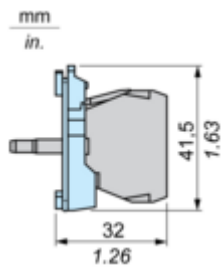
| Repack and remanufacture        |                                                                                                                                                                                                                 |
|---------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| End of life manual availability | <a href="#">End of Life Information</a>                                                                                                                                                                         |
| 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

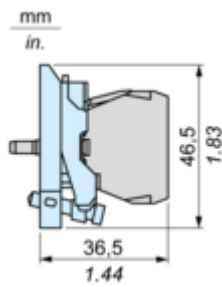
Dimensions

---

with ZB5AZ009 Fixing Collar



with ZB4BZ009 Fixing Collar



Technical Illustration

Dimensions

---

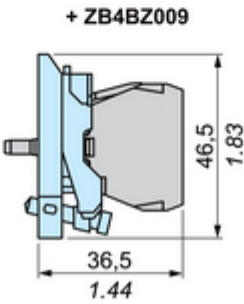
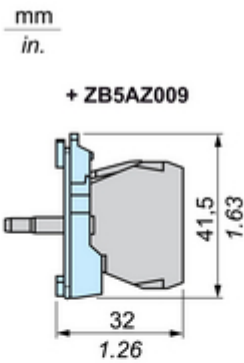


Image of product / Alternate images

Alternative

---









