

Product data sheet

Specifications



Light block for head 22mm,
Harmony XB4, green, integral LED,
24V AC DC

ZBVB3

⚠ Discontinued on: 31 January 2023

⚠ To be discontinued

Main

| | |
|-------------------------------|--|
| Range of product | Harmony XB4 Harmony XB5 |
| Product or component type | Light block |
| Device short name | ZBV |
| Sale per indivisible quantity | 5 |
| Connections - terminals | Screw clamp terminals, <= 2 x 1.5 mm² with cable end conforming to EN 60947-1 Screw clamp terminals, >= 1 x 0.22 mm² without cable end conforming to EN 60947-1 |
| Signalling type | Steady |
| Light source | Protected LED |
| Bulb base | Integral LED |
| Light block supply | Direct |
| Light source colour | Green |
| [Us] rated supply voltage | 24 V AC/DC at 50/60 Hz |

Complementary

| | |
|-----------------------------|---|
| Net weight | 0.017 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 Cross compatible with pozidriv No 1 screwdriver Slotted compatible with flat Ø 4 mm screwdriver Slotted compatible with flat Ø 5.5 mm screwdriver |
| Supply voltage limits | 19.2...30 V DC 21.6...26.4 V AC |
| Current consumption | 18 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 M2 M3 M4 M5 M6 M10 MF1 P1 |

| | |
|---------------------------------------|---|
| | P2 PF1 |
| Device presentation | Basic element |
| 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 | UL 508 EN/IEC 60947-5-5 EN/IEC 60947-5-1 EN/IEC 60947-1 CSA C22.2 No 14 JIS C8201-5-1 EN/IEC 60947-5-4 JIS C8201-1 |
| Product certifications | CSA UL listed |
| 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 8 kV in free air (in insulating parts) conforming to IEC 61000-4-2 |
| Electromagnetic emission | Class B conforming to IEC 55011 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 | 3.500 cm |
| Package 1 Length | 4.000 cm |
| Package 1 Weight | 9.000 g |
| Unit Type of Package 2 | BB1 |
| Number of Units in Package 2 | 5 |
| Package 2 Height | 4.500 cm |
| Package 2 Width | 5.500 cm |
| Package 2 Length | 5.500 cm |
| Package 2 Weight | 52.000 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 | 8.657 kg |
| Offer Sustainability | |
| Sustainable offer status | Green Premium product |

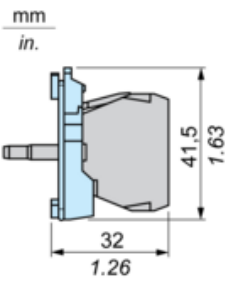
| | |
|----------------------------|---|
| REACH Regulation | REACH Declaration |
| REACH free of SVHC | Yes |
| EU RoHS Directive | Pro-active compliance (Product out of EU RoHS legal scope) EU RoHS Declaration |
| Mercury free | Yes |
| China RoHS Regulation | China RoHS declaration |
| RoHS exemption information | Yes |
| Environmental Disclosure | Product Environmental Profile |
| Circularity Profile | End of Life Information |
| WEEE | The product must be disposed on European Union markets following specific waste collection and never end up in rubbish bins |
| 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 www.P65Warnings.ca.gov |

Contractual warranty

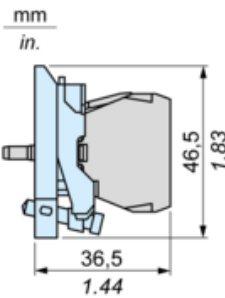
| | |
|----------|-----------|
| Warranty | 18 months |
|----------|-----------|

Dimensions

with ZB5AZ009 Fixing Collar



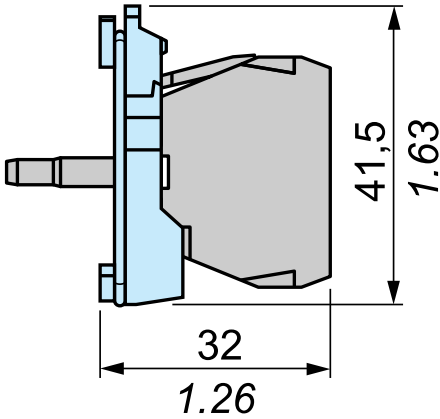
with ZB4BZ009 Fixing Collar



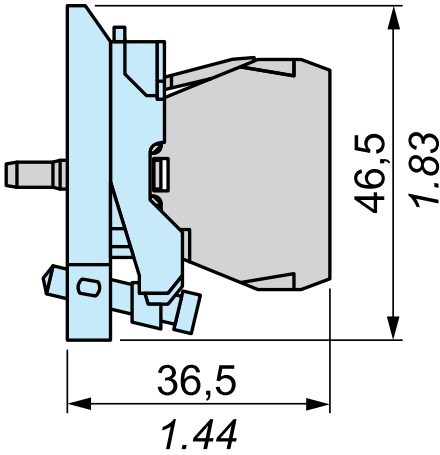
Dimensions

mm
in.

+ ZB5AZ009



+ ZB4BZ009



Recommended replacement(s)

ZBVB3 is replaced by:

1x



Light block, Harmony XB4 XB5, white, for head 22mm, universal LED, screw clamp terminals, 24V AC DC
ZBVB1