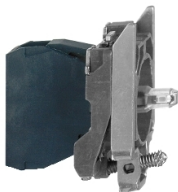


Product data sheet

Specifications



Light block with body fixing collar, Harmony XB4, metal, green, integral LED, 12V AC DC

ZB4BVJ3

⚠ Discontinued on: Jan 13, 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 or se.com/harmonyxb5)

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, <= 2 x 1.5 mm ² with cable end Screw clamp terminals, >= 1 x 0.22 mm ² without cable end |
| Light Source | Protected LED |
| Bulb Base | Integral LED |
| Light Source Colour | Green |
| [Us] Rated Supply Voltage | 12 V AC/DC 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 Cross compatible with pozidriv No 1 screwdriver Slotted compatible with flat Ø 4 mm screwdriver Slotted compatible with flat Ø 5.5 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 |
| Supply Voltage Limits | 10... 15 V DC 10.2...13.8 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 |

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

| | |
|---------------------|----------------------|
| Device Presentation | Basic sub-assemblies |
|---------------------|----------------------|

Environment

| | |
|---------------------------------------|--|
| Protective Treatment | TH |
| Ambient Air Temperature For Storage | -40...70 °C |
| Ambient Air Temperature For Operation | -40...70 °C |
| Electrical Shock Protection Class | Class I conforming to IEC 60536 |
| Standards | EN/IEC 60947-5-5 JIS C8201-5-1 EN/IEC 60947-5-1 EN/IEC 60947-1 CSA C22.2 No 14 EN/IEC 60947-5-4 UL 508 JIS C8201-1 |
| Product Certifications | DNV BV CSA GL UL listed LROS (Lloyds register of shipping) |
| Vibration Resistance | 5 gn (f= 2...500 Hz) conforming to IEC 60068-2-6 |
| Shock Resistance | 30 gn (duration = 18 ms) for half sine wave acceleration conforming to IEC 60068-2-27 50 gn (duration = 11 ms) for half sine wave acceleration conforming to IEC 60068-2-27 |
| 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 61000-2-6 8 kV in free air (in insulating parts) conforming to IEC 61000-2-6 |
| Electromagnetic Emission | Class B conforming to IEC 55011 |

Packing Units

| | |
|------------------------------|---------|
| Unit Type Of Package 1 | PCE |
| Number Of Units In Package 1 | 1 |
| Package 1 Height | 3.4 cm |
| Package 1 Width | 5.4 cm |
| Package 1 Length | 5.6 cm |
| Package 1 Weight | 54 g |
| Unit Type Of Package 2 | BB1 |
| Number Of Units In Package 2 | 5 |
| Package 2 Height | 3.4 cm |
| Package 2 Width | 5.6 cm |
| Package 2 Length | 26.5 cm |
| Package 2 Weight | 270 g |
| Unit Type Of Package 3 | S03 |
| Number Of Units In Package 3 | 150 |
| Package 3 Height | 30 cm |
| Package 3 Width | 30 cm |

| | |
|------------------|----------|
| Package 3 Length | 40 cm |
| Package 3 Weight | 8.632 kg |

Contractual warranty

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

Sustainability

Green Premium™ label is Schneider Electric's commitment to delivering products with best-in-class environmental performance. Green Premium promises compliance with the latest regulations, transparency on environmental impacts, as well as circular and low-CO₂ products.

Guide to assessing product sustainability is a white paper that clarifies global eco-label standards and how to interpret environmental declarations.

[Learn more about Green Premium >](#)

[Guide to assess a product's sustainability >](#)



Transparency RoHS/REACH

Well-being performance

✓ Mercury Free

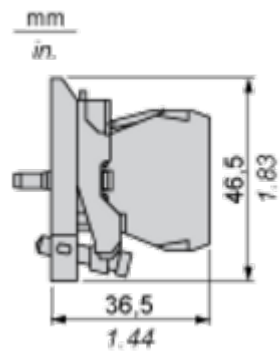
✓ Rohs Exemption Information [Yes](#)

Certifications & Standards

| | |
|---------------------------|---|
| Reach Regulation | REACH Declaration |
| Eu Rohs Directive | Pro-active compliance (Product out of EU RoHS legal scope) |
| China Rohs Regulation | China RoHS declaration |
| Environmental Disclosure | Product Environmental Profile |
| Weee | The product must be disposed on European Union markets following specific waste collection and never end up in rubbish bins |
| Circularity Profile | End of Life Information |
| 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 |

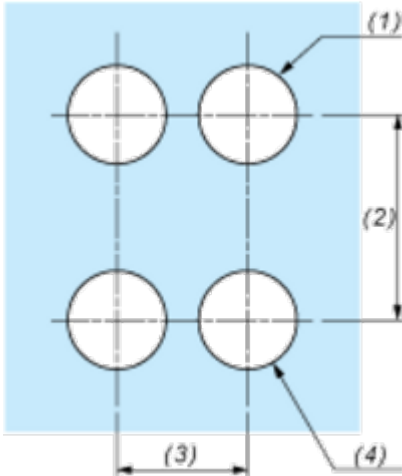
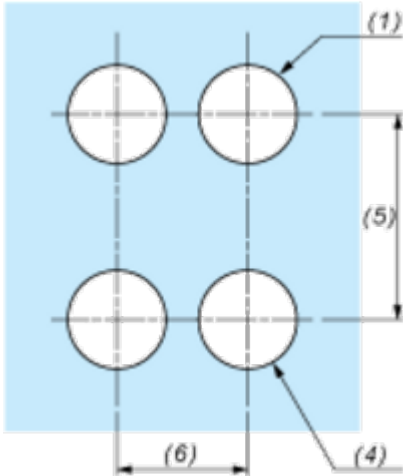
Dimensions Drawings

Dimensions



Mounting and Clearance

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 |
|---|--|
|  |  |
| <div>(1) Diameter on finished panel or support</div> <div>(2) 40 mm min. / 1.57 in. min.</div> <div>(3) 30 mm min. / 1.18 in. min.</div> <div>(4) Ø 22.5 mm / 0.89 in. recommended (Ø 22.3 mm ^{+0.4}₀ / 0.88 in. ^{+0.016}₀)</div> <div>(5) 45 mm min. / 1.78 in. min.</div> <div>(6) 32 mm min. / 1.26 in. min.</div> | |