Product data sheet





Light block with body fixing collar, Harmony XB4, metal, blue, integral LED, 24V AC DC, 1NO

ZB4BW0B61

! Discontinued on: Jan 9, 2023



Product availability: Non-Stock - Not normally stocked in distribution facility

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/contact assembly and light block |
| Device Short Name | ZB4 |
| Fixing Collar Material | Zamak |
| Sale Per Indivisible Quantity | 1 |
| Head Type | Standard |
| Contacts Type And Composition | 1 NO |
| Contact Operation | Slow-break |
| Connections - Terminals | Screw clamp terminals, <= 2 x 1.5 mm² with cable end EN 60947-1 Screw clamp terminals, >= 1 x 0.22 mm² without cable end EN 60947-1 |
| Light Source | Protected LED |
| Bulb Base | Integral LED |
| Light Block Supply | Direct |
| Light Source Colour | Blue |
| [Us] Rated Supply Voltage | 24 V AC/DC 50/60 Hz |

Complementary

| Cad Overall Width | 1.18 in (30 mm) |
|-------------------------------|---|
| Cad Overall Height | 1.85 in (47 mm) |
| Terminals Description Iso N°1 | (13-14)NO |
| Net Weight | 0.14 lb(US) (0.064 kg) |
| Contacts Usage | Standard |
| Positive Opening | Without |
| Operating Travel | 0.10 in (2.6 mm) NO changing electrical state) 0.17 in (4.3 mm) total travel) |
| Operating Force | 2.3 N NO changing electrical state |
| Operating Torque | 0.44 lbf.in (0.05 N.m) NO changing electrical state |
| Mechanical Durability | 5000000 cycles |
| Tightening Torque | 7.0810.62 lbf.in (0.81.2 N.m) EN 60947-1 |

Price is "List Price" and may be subject to a trade discount – check with your local distributor or retailer for actual price.

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|--|---|
| Shape Of Screw Head | Cross Philips no 1 |
| | Cross pozidriv No 1 Slotted flat Ø 4 mm |
| | Slotted flat Ø 5.5 mm |
| Contacts Material | Silver alloy (Ag/Ni) |
| Short-Circuit Protection | 10 A cartridge fuse gG EN/IEC 60947-5-1 |
| [Ith] Conventional Free Air Thermal Current | 10 A EN/IEC 60947-5-1 |
| [Ui] Rated Insulation Voltage | 600 V 3)EN 60947-1 |
| [Uimp] Rated Impulse Withstand Voltage | 6 kV EN 60947-1 |
| [le] Rated Operational Current | 3 A 240 V, AC-15, A600 EN/IEC 60947-5-1 |
| | 6 A 120 V, AC-15, A600 EN/IEC 60947-5-1 |
| | 0.1 A 600 V, DC-13, Q600 EN/IEC 60947-5-1 |
| | 0.27 A 250 V, DC-13, Q600 EN/IEC 60947-5-1 |
| | 0.55 A 125 V, DC-13, Q600 EN/IEC 60947-5-1 |
| | 1.2 A 600 V, AC-15, A600 EN/IEC 60947-5-1 |
| Electrical Durability | 1000000 cycles, AC-15, 2 A 230 V 3600 cyc/h 0.5 EN/IEC 60947-5-1 appendix C |
| | 1000000 cycles, AC-15, 3 A 120 V 3600 cyc/h 0.5 EN/IEC 60947-5-1 appendix C |
| | 1000000 cycles, AC-15, 4 A 24 V 3600 cyc/h 0.5 EN/IEC 60947-5-1 appendix C |
| | 1000000 cycles, DC-13, 0.2 A 110 V 3600 cyc/h 0.5 EN/IEC 60947-5-1 appendix C |
| | 1000000 cycles, DC-13, 0.5 A 24 V 3600 cyc/h 0.5 EN/IEC 60947-5-1 appendix C |
| Electrical Reliability | Λ < 10exp(-6) 5 V 1 mA in clean environment EN/IEC 60947-5-4 |
| | Λ < 10exp(-8) 17 V 5 mA in clean environment EN/IEC 60947-5-4 |
| Signalling Type | Steady |
| Supply Voltage Limits | 19.230 V DC |
| - · · · · · | 21.626.4 V AC |
| Current Consumption | 18 mA |
| Service Life | 100000 h at rated voltage and 25 °C |
| Surge Withstand | 1 kV IEC 61000-4-5 |
| Device Presentation | Basic sub-assemblies |
| | |
| Environment | |

| Protective Treatment | тн |
|--|--|
| Ambient Air Temperature For Storage | -40158 °F (-4070 °C) |
| Ambient Air Temperature For Operation | -40158 °F (-4070 °C) |
| Electrical Shock Protection Class | Class I IEC 60536 |
| Standards | EN/IEC 60947-5-4 JIS C8201-5-1 UL 508 EN/IEC 60947-5-5 EN/IEC 60947-1 CSA C22.2 No 14 EN/IEC 60947-5-1 JIS C8201-1 |
| Product Certifications | CSA UL Listed DNV BV GL LROS (Lloyds register of shipping) |
| Vibration Resistance | 5 gn 2500 Hz)IEC 60068-2-6 |
| Shock Resistance | 30 gn 18 ms) half sine wave acceleration IEC 60068-2-27 50 gn 11 ms) half sine wave acceleration IEC 60068-2-27 |
| Resistance To Fast Transients | 2 kV IEC 61000-4-4 |

| Resistance To Electromagnetic Fields | 9.14 V/m (10 V/m) IEC 61000-4-3 |
|---------------------------------------|--|
| Resistance To Electrostatic Discharge | 6 kV on contact (on metal parts) IEC 61000-2-6 8 kV in free air (in insulating parts) IEC 61000-2-6 |
| Electromagnetic Emission | Class B IEC 55011 |

Ordering and shipping details

| Category | US10CS222469 |
|-------------------|---------------|
| Discount Schedule | 0CS2 |
| Gtin | 3389110893243 |
| Returnability | Yes |
| Country Of Origin | US |

Packing Units

| Unit Type Of Package 1 | PCE |
|------------------------------|---------------------------|
| Number Of Units In Package 1 | 1 |
| Package 1 Height | 2.20 in (5.600 cm) |
| Package 1 Width | 1.34 in (3.400 cm) |
| Package 1 Length | 2.13 in (5.400 cm) |
| Package 1 Weight | 2.15 oz (61.000 g) |
| Unit Type Of Package 2 | S03 |
| Number Of Units In Package 2 | 150 |
| Package 2 Height | 11.81 in (30.000 cm) |
| Package 2 Width | 11.81 in (30.000 cm) |
| Package 2 Length | 15.75 in (40.000 cm) |
| Package 2 Weight | 21.20 lb(US) (9.614 kg) |
| Unit Type Of Package 3 | P06 |
| Number Of Units In Package 3 | 1200 |
| Package 3 Height | 30.31 in (77.000 cm) |
| Package 3 Width | 31.50 in (80.000 cm) |
| Package 3 Length | 23.62 in (60.000 cm) |
| Package 3 Weight | 198.51 lb(US) (90.044 kg) |

Contractual warranty

Warranty 18 months

Sustainability Green Premium

Green PremiumTM **label** is Schneider Electric's commitment to delivering products with best-inclass 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

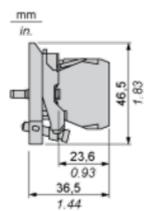
| Reach Regulation | REACh Declaration |
|--------------------------|--|
| Eu Rohs Directive | Pro-active compliance (Product out of EU RoHS legal scope) |
| China Rohs Regulation | China RoHS declaration |
| Environmental Disclosure | Product Environmental Profile |
| Weee | The product must be disposed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

Product data sheet

ZB4BW0B61

Dimensions Drawings

Dimensions



ZB4BW0B61

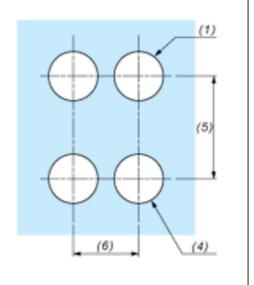
Mounting and Clearance

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

Connectors or on Printed Circuit Board (1)(2)

Connection by Screw Clamp Terminals or Plug-in

Connection by Faston Connectors



(1) Diameter on finished panel or support

(3)

- (2) 40 mm min. / 1.57 in. min.
- (3) 30 mm min. / 1.18 in. min.
- (4) Ø 22.5 mm / 0.89 in. recommended (Ø 22.3 mm $_0^{+0.4}$ / 0.88 in. $_0^{+0.016}$)

(4)

- (5) 45 mm min. / 1.78 in. min.
- (6) 32 mm min. / 1.26 in. min.