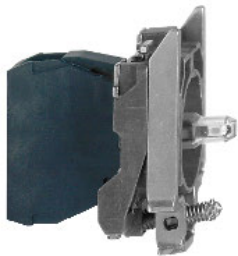


Product data sheet

Specifications



Light block with body fixing collar,
Harmony XB4, metal, green, integral
LED, 24...120V AC DC

ZB4BVBG3

! Discontinued on: 09 January 2023

! Discontinued

Product availability : Stock - Normally stocked in distribution facility

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 mm² with cable end Screw clamp terminals, >= 1 x 0.22 mm² without cable end |
| Light source | Protected LED |
| Bulb base | Integral LED |
| Light source colour | Green |
| [Us] rated supply voltage | 24...120 V AC/DC 50/60 Hz |

Complementary

| | |
|--|---|
| CAD overall width | 1.18 in (30 mm) |
| CAD overall height | 1.85 in (47 mm) |
| CAD overall depth | 1.46 in (37 mm) |
| Terminals description ISO n°1 | (X1-X2)PL |
| Net Weight | 0.12 lb(US) (0.054 kg) |
| Tightening torque | 7.08...10.62 lbf.in (0.8...1.2 N.m) EN 60947-1 |
| Shape of screw head | Cross Philips no 1 Cross pozidriv No 1 Slotted flat Ø 4 mm Slotted flat Ø 5.5 mm |
| [Ui] rated insulation voltage | 600 V 3)EN 60947-1 |
| [Uimp] rated impulse withstand voltage | 6 kV EN 60947-1 |
| Signalling type | Steady |
| Supply voltage limits | 19.2...132 V DC 21.6...132 V AC |
| Service life | 100000 h at rated voltage and 25 °C |
| Surge withstand | 1 kV IEC 61000-4-5 |

Web: <https://www.bolenscontrol.com/> - Phone: (800) 658-5241 - Email: sales@bolenscontrol.com

| | |
|---------------------------------------|---|
| Device presentation | Basic sub-assemblies |
| Environment | |
| Protective treatment | TH |
| Ambient Air Temperature for Storage | -40...158 °F (-40...70 °C) |
| Ambient Air Temperature for Operation | -40...158 °F (-40...70 °C) |
| Electrical shock protection class | Class I IEC 60536 |
| Standards | EN/IEC 60947-5-5 UL 508 EN/IEC 60947-5-4 CSA C22.2 No 14 JIS C8201-5-1 EN/IEC 60947-5-1 EN/IEC 60947-1 JIS C8201-1 |
| Product Certifications | UL Listed LROS (Lloyds register of shipping) DNV BV CSA GL |
| Vibration resistance | 5 gn 2...500 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 | 22469-PUSHBUTTON,22MM ACCESSORIES-NEW |
| Discount Schedule | CS2 |
| GTIN | 3389110070231 |
| Returnability | Yes |
| Country of origin | FR |

Packing Units

| | |
|------------------------------|------------------|
| Unit Type of Package 1 | Db |
| Number of Units in Package 1 | 1 |
| Package 1 Height | 2.13 in (5.4 cm) |
| Package 1 Width | 1.34 in (3.4 cm) |
| Package 1 Length | 2.20 in (5.6 cm) |
| Package 1 Weight | 1.83 oz (52 g) |
| Unit Type of Package 2 | Doboz |
| Number of Units in Package 2 | 200 |
| Package 2 Height | 11.81 in (30 cm) |
| Package 2 Width | 11.81 in (30 cm) |
| Package 2 Length | 15.75 in (40 cm) |

| | |
|------------------|--------------------------|
| Package 2 Weight | 23.97 lb(US) (10.873 kg) |
|------------------|--------------------------|

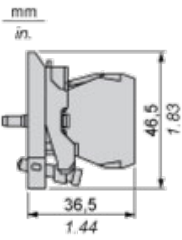
Offer Sustainability

| | |
|----------------------------|---|
| Sustainable offer status | Green Premium product |
| 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 P65Warnings website. |
| 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. |

Contractual warranty

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

Dimensions



Product data sheet

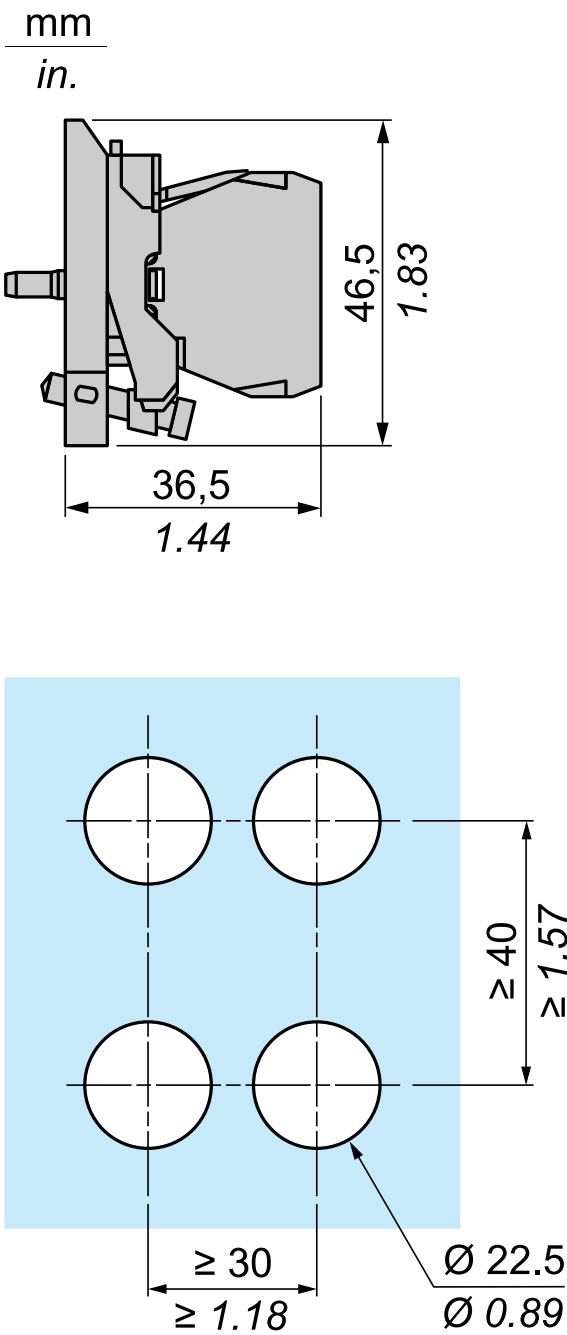
ZB4BVBG3

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> | |

Dimensions



Recommended replacement(s)

ZB4BVBG3 is replaced by:

1x



Complete body/light block assembly, Harmony XB4, metal, universal LED, body/
fixing collar, 24...120V AC DC
ZB4BVBG1