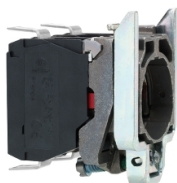# Product data sheet

Specifications

## Harmony complete body/contact, body for push buttons or selector switches, XB6, single contact block with body/fixing collar 2 NO faston connector

ZB4BZ1033

## Main

| | |
|---|---|
| Range Of Product | Harmony XB4 |
| Product Or Component Type | Complete body/contact assembly |
| Device Short Name | ZB4 |
| Fixing Collar Material | Zamak |
| Sale Per Indivisible Quantity | 1 |
| Head Type | Standard |
| Contacts Type And Composition | 2 NO |
| Contact Operation | Slow-break |
| Contact Block Type | Single |
| Device Composition | Fixing collar<br>Body |
| Connections - Terminals | Faston connector, connection size: 1 x 6.35 mm<br>Faston connector, connection size: 2 x 2.8 mm |

## Complementary

| | |
|---|---|
| Cad Overall Width | 30 mm |
| Cad Overall Height | 47 mm |
| Cad Overall Depth | 37 mm |
| Terminals Description Iso N°1 | (13-14)NO |
| Net Weight | 0.062 kg |
| Contacts Usage | Standard contacts |
| Positive Opening | Without |
| Operating Travel | 2.6 mm (NO changing electrical state)<br>4.3 mm (total travel) |
| Operating Torque | 0.05 N.m NO changing electrical state |
| Mechanical Durability | 5000000 cycles |
| Contacts Material | Silver alloy (Ag/Ni) |
| [Ui] Rated Insulation Voltage | 250 V (pollution degree 3) conforming to EN 60947-1 |
| Electrical Durability | 10000000 cycles |
| Electrical Reliability | $\Lambda < 10exp(-6)$ at 5 V, 1 mA in clean environment conforming to EN/IEC 60947-5-4<br>$\Lambda < 10exp(-8)$ at 17 V, 5 mA in clean environment conforming to EN/IEC 60947-5-4 |

## 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<br>EN/IEC 60947-5-4<br>JIS C8201-5-1<br>EN/IEC 60947-5-1<br>CSA C22.2 No 14<br>EN/IEC 60947-1<br>EN/IEC 60947-5-5<br>JIS C8201-1 |
| Product Certifications | LROS (Lloyds register of shipping)<br>DNV<br>GL<br>BV<br>CSA<br>UL |
| 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<br>50 gn (duration = 11 ms) for half sine wave acceleration conforming to IEC 60068-2-27 |

## Packing Units

| Unit Type Of Package 1 | PCE |
|---|---|
| Number Of Units In Package 1 | 1 |
| Package 1 Height | 5.4 cm |
| Package 1 Width | 3.4 cm |
| Package 1 Length | 4.4 cm |
| Package 1 Weight | 62.0 g |

## 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-$CO_2$ 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

✓ Reach Free Of Svhc

✓ Toxic Heavy Metal Free

✓ 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) |
| | EU RoHS Declaration |
| **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: Di-isodecyl phthalate (DIDP), which is known to the State of California to cause birth defects or other reproductive harm. For more information go to www.P65Warnings.ca.gov |

## 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 |
|---|---|
| | |

**(1)** Diameter on finished panel or support
**(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. $_0^{+0.016}$)
**(5)** 45 mm min. / 1.78 in. min.
**(6)** 32 mm min. / 1.26 in. min.