Product data sheet

Specification





Complete body/contact assembly, Harmony XB5, contact block ZB5AZ104 sold by 100

ZB5AZ104TQ

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

Price*: 57.30 USD

Main

| Range Of Product | Harmony XB5 | |
|-------------------------------|--|--|
| Product Or Component Type | Complete body/contact assembly | |
| Device Short Name | ZB5 | |
| Fixing Collar Material | Plastic | |
| Sale Per Indivisible Quantity | 100 | |
| Head Type | Standard | |
| Contacts Type And Composition | 2 NC | |
| Contact Operation | Slow-break | |
| Contact Block Type | Single | |
| Connections - Terminals | Screw clamp terminals, <= 2 x 1.5 mm² with cable end IEC 60947-1 Screw clamp terminals, >= 1 x 0.22 mm² without cable end IEC 60947-1 | |

Complementary

| Terminals Description Iso N°1 | (11-12)NC |
|--|--|
| Device Composition | Body Fixing collar |
| Contacts Usage | Standard contacts |
| Positive Opening | With IEC 60947-5-1 appendix K |
| Operating Travel | 0.06 in (1.5 mm) NC changing electrical state) 0.17 in (4.3 mm) total travel) |
| Mechanical Durability | 10000000 cycles |
| Tightening Torque | 7.0810.62 lbf.in (0.81.2 N.m) IEC 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 |
| Contacts Material | Silver alloy (Ag/Ni) |
| Short-Circuit Protection | 10 A cartridge fuse gG IEC 60947-5-1 |
| [Ith] Conventional Free Air Thermal Current | 10 A IEC 60947-5-1 |
| [Ui] Rated Insulation Voltage | 600 V 3)IEC 60947-1 |
| [Uimp] Rated Impulse Withstand Voltage | 6 kV IEC 60947-1 |

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

| [le] Rated Operational Current | 3 A 240 V, AC-15, A600 IEC 60947-5-1 6 A 120 V, AC-15, A600 IEC 60947-5-1 0.1 A 600 V, DC-13, Q600 IEC 60947-5-1 0.27 A 250 V, DC-13, Q600 IEC 60947-5-1 0.55 A 125 V, DC-13, Q600 IEC 60947-5-1 | | |
|--------------------------------|---|--|--|
| Electrical Durability | 1.2 A 600 V, AC-15, A600 IEC 60947-5-1 1000000 cycles, AC-15, 2 A 230 V 3600 cyc/h 0.5 IEC 60947-5-1 appendix C 1000000 cycles, AC-15, 3 A 120 V 3600 cyc/h 0.5 IEC 60947-5-1 appendix C 1000000 cycles, AC-15, 4 A 24 V 3600 cyc/h 0.5 IEC 60947-5-1 appendix C | | |
| | 1000000 cycles, DC-13, 0.2 A 110 V 3600 cyc/h 0.5 IEC 60947-5-1 appendix C 1000000 cycles, DC-13, 0.5 A 24 V 3600 cyc/h 0.5 IEC 60947-5-1 appendix C | | |
| Electrical Reliability | Λ < 10exp(-6) 5 V, 1 mA in clean environment IEC 60947-5-4 Λ < 10exp(-8) 17 V, 5 mA in clean environment IEC 60947-5-4 | | |

Environment

| Protective Treatment | тн |
|---------------------------------------|--|
| Ambient Air Temperature For Storage | -40158 °F (-4070 °C) |
| Ambient Air Temperature For Operation | -40158 °F (-4070 °C) |
| Ip Degree Of Protection | IP20 IEC 60529 |
| Standards | JIS C8201-5-1 IEC 60947-1 CSA C22.2 No 14 IEC 60947-5-1 UL 508 IEC 60947-5-4 JIS C8201-1 |
| Product Certifications | BV DNV LROS (Lloyds register of shipping) GL CSA UL |
| 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 |

Ordering and shipping details

| Category | US10CS222469 |
|-------------------|---------------|
| Discount Schedule | 0CS2 |
| Gtin | 3389110959727 |
| Returnability | No |
| Country Of Origin | FR |

Packing Units

| Unit Type Of Package 1 | PCE |
|------------------------------|------------------|
| Number Of Units In Package 1 | 1 |
| Package 1 Height | 1.57 in (4.0 cm) |
| Package 1 Width | 1.18 in (3.0 cm) |
| Package 1 Length | 1.18 in (3.0 cm) |
| Package 1 Weight | 0.81 oz (23.0 g) |
| Unit Type Of Package 2 | S02 |
| Number Of Units In Package 2 | 100 |

| Package 2 Height | 5.91 in (15 cm) |
|------------------|------------------------|
| Package 2 Width | 11.81 in (30 cm) |
| Package 2 Length | 15.75 in (40 cm) |
| Package 2 Weight | 6.07 lb(US) (2.755 ka) |

Contractual warranty

Warranty 18 months

Sustainability Screen 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

| ② | Reach Free Of Svhc | |
|----------|----------------------------|-----|
| ② | Toxic Heavy Metal Free | |
| | Mercury Free | |
| | Rohs Exemption Information | Yes |

Certifications & Standards

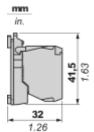
| Reach Regulation | REACh Declaration | | |
|---------------------------|---|--|--|
| Eu Rohs Directive | Pro-active compliance (Product out of EU RoHS legal scope) EU RoHS Declaration | | |
| China Rohs Regulation | China RoHS declaration | | |
| Environmental Disclosure | Product Environmental Profile | | |
| 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 | | |

Product data sheet

ZB5AZ104TQ

Dimensions Drawings

Dimensions

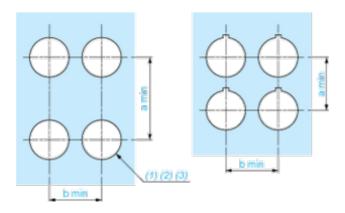


ZB5AZ104TQ

Mounting and Clearance

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

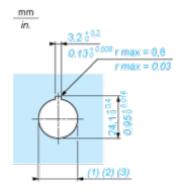
Connection by Screw Clamp Terminals or Plug-in Connectors or on Printed Circuit Board



- (1) Diameter on finished panel or support
- (2) For selector switches and Emergency stop buttons, use of an anti-rotation plate type ZB5AZ902 is recommended.
- (3) Ø22.5 mm recommended (Ø22.3 $_0^{+0.4}$) / Ø0.89 in. recommended (Ø0.88 in. $_0^{+0.016}$)

| | | | | 0 |
|---|---------|----------|---------|----------|
| Connections | a in mm | a in in. | b in mm | b in in. |
| By screw clamp terminals or plug-in connector | 40 | 1.57 | 30 | 1.18 |
| By Faston connectors | 45 | 1.77 | 32 | 1.26 |
| On printed circuit board | 30 | 1.18 | 30 | 1.18 |

Detail of Lug Recess



- (1) Diameter on finished panel or support
- (2) For selector switches and Emergency stop buttons, use of an anti-rotation plate type ZB5AZ902 is recommended.
- (3) Ø22.5 mm recommended (Ø22.3 $_0^{+0.4}$) / Ø0.89 in. recommended (Ø0.88 in. $_0^{+0.016}$)