**Product data sheet**

**ZB4BZ101**
Harmony, 22mm Push Button, XB4B operators, contact block, with mounting collar, 1 NO, screw clamp terminal

Product availability : Stock - Normally stocked in distribution facility

Price** : 22.00 USD

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### Characteristics

**Main**

<table>
<thead>
<tr>
<th>Range of product</th>
<th>Harmony XB4</th>
</tr>
</thead>
<tbody>
<tr>
<td>Product or component type</td>
<td>Complete body/contact assembly</td>
</tr>
<tr>
<td>Device short name</td>
<td>ZB4</td>
</tr>
<tr>
<td>Fixing collar material</td>
<td>Zamak</td>
</tr>
<tr>
<td>Sale per indivisible quantity</td>
<td>1</td>
</tr>
<tr>
<td>Head type</td>
<td>Standard</td>
</tr>
<tr>
<td>Contacts type and composition</td>
<td>1 NO</td>
</tr>
<tr>
<td>Contact operation</td>
<td>Slow-break</td>
</tr>
<tr>
<td>Contact block type</td>
<td>Single</td>
</tr>
<tr>
<td>Device composition</td>
<td>Fixing collar</td>
</tr>
<tr>
<td></td>
<td>Body</td>
</tr>
<tr>
<td>Connections - terminals</td>
<td>Screw clamp terminals, &lt;= 2 x 1.5 mm² with cable end EN 60947-1</td>
</tr>
<tr>
<td></td>
<td>Screw clamp terminals, &gt;= 1 x 0.22 mm² without cable end EN 60947-1</td>
</tr>
</tbody>
</table>

**Complementary**

<table>
<thead>
<tr>
<th>CAD overall width</th>
<th>1.18 in (30 mm)</th>
</tr>
</thead>
<tbody>
<tr>
<td>CAD overall height</td>
<td>1.85 in (47 mm)</td>
</tr>
<tr>
<td>CAD overall depth</td>
<td>1.46 in (37 mm)</td>
</tr>
<tr>
<td>Terminals description ISO n°1</td>
<td>(13-14)NO</td>
</tr>
<tr>
<td>Net weight</td>
<td>0.12 lb(US) (0.053 kg)</td>
</tr>
<tr>
<td>Contacts usage</td>
<td>Standard contacts</td>
</tr>
<tr>
<td>Positive opening</td>
<td>Without</td>
</tr>
<tr>
<td>Operating travel</td>
<td>0.10 in (2.6 mm NO changing electrical state)</td>
</tr>
<tr>
<td></td>
<td>0.17 in (4.3 mm total travel)</td>
</tr>
<tr>
<td>Operating force</td>
<td>2.3 N NO changing electrical state</td>
</tr>
<tr>
<td>Operating torque</td>
<td>0.44 lbf.in (0.05 N.m) NO changing electrical state</td>
</tr>
<tr>
<td>Mechanical durability</td>
<td>5000000 cycles</td>
</tr>
<tr>
<td>Tightening torque</td>
<td>7.08…10.62 lbf.in (0.8…1.2 N.m) EN 60947-1</td>
</tr>
<tr>
<td>Shape of screw head</td>
<td>Cross Philips no 1</td>
</tr>
<tr>
<td></td>
<td>Cross pozidriv No 1</td>
</tr>
</tbody>
</table>

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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.
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

[Uj] rated insulation voltage
600 V 3)EN 60947-1

[Uimp] rated impulse withstand voltage
6 kV EN 60947-1

[Ie] 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
10000000 cycles, AC-15, 2 A 230 V 3600 cyc/h 0.5 EN/IEC 60947-5-1 appendix C
10000000 cycles, AC-15, 3 A 120 V 3600 cyc/h 0.5 EN/IEC 60947-5-1 appendix C
10000000 cycles, AC-15, 4 A 24 V 3600 cyc/h 0.5 EN/IEC 60947-5-1 appendix C
10000000 cycles, DC-13, 0.2 A 110 V 3600 cyc/h 0.5 EN/IEC 60947-5-1 appendix C
10000000 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

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)

IP degree of protection
IP20 IEC 60529

Standards
CSA C22.2 No 14
EN/IEC 60947-5-1
UL 508
JIS C8201-5-1
EN/IEC 60947-5-4
EN/IEC 60947-5-5
EN/IEC 60947-1
JIS C8201-1

Product certifications
BV
GL
UL
DNV
CSA
LROS (Lloyds register of shipping)
RINA

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

Ordering and shipping details
Category
22469 - PUSHBUTTON,22MM ACCESSORIES-NEW

Discount Schedule
CS2

GTIN
00785901370178

Package weight(Lbs)
0.05 kg (0.12 lb(US))

Returnability
Yes

Country of origin
FR

Offer Sustainability
Sustainable offer status
Green Premium product

REACH Regulation
REACH Declaration

EU RoHS Directive
Pro-active compliance (Product out of EU RoHS legal scope)
EU RoHS Declaration
| **Toxic heavy metal free** | Yes |
| **Mercury free** | Yes |
| **RoHS exemption information** | Yes |
| **China RoHS Regulation** | China RoHS declaration |
| **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 |