

# ZB4BZ1015

single contact block with body/fixing collar 1NO  
spring clamp terminal



## 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                              |
| Contacts type and composition | 1 NO                           |
| Contacts operation            | Slow-break                     |
| Contact block type            | Single                         |
| Device composition            | Fixing collar<br>Body          |
| Connections - terminals       | Spring clamp terminals         |

## Complementary

|                               |   |
|-------------------------------|---|
| CAD overall width             | 30 mm                                   |
| CAD overall height            | 47 mm                                   |
| CAD overall depth             | 37 mm                                   |
| Terminals description ISO n°1 | (13-14)NO                               |
| Product weight                | 0.053 kg                                |
| Contacts usage                | Standard contacts                       |
| Positive opening              | Without positive opening                |
| Operating travel              | 2.6 mm (NO changing electrical state)   |
| Operating force               | 2.3 N (NO changing electrical state)    |
| Operating torque              | 0.05 N.m (NO changing electrical state) |
| Mechanical durability         | 5000000 cycles                          |
| Contacts material             | Silver alloy (Ag/Ni)                    |

## Environment

|                                       |   |
|---------------------------------------|---|
| Protective treatment                  | TH  |
| Ambient air temperature for storage   | -40...70 °C   |
| Ambient air temperature for operation | -25...70 °C   |
| IP degree of protection               | IP20 conforming to IEC 60529  |
| Standards                             | UL 508<br>EN/IEC 60947-5-4<br>EN/IEC 60947-5-5<br>EN/IEC 60947-5-1<br>EN/IEC 60947-1<br>CSA C22.2 No 14<br>JIS C 4520 |
| Product certifications                | CSA<br>LROS (Lloyds register of shipping)<br>BV<br>GL<br>DNV<br>RINA<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                                 |

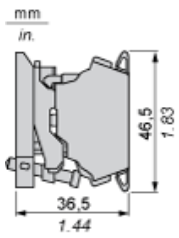
## Contractual warranty

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

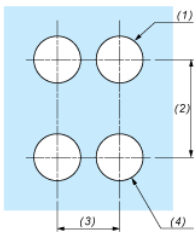
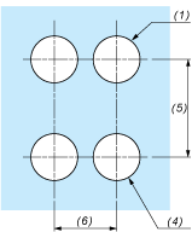
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Dimensions

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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   |
|---|---|
|    |  |
| <p>(1) Diameter on finished panel or support<br/>                 (2) 40 mm min. / 1.57 in. min.<br/>                 (3) 30 mm min. / 1.18 in. min.<br/>                 (4) <math>\text{Ø } 22.5 \text{ mm} / 0.89 \text{ in. recommended } (\text{Ø } 22.3 \text{ mm }_0^{+0.4} / 0.88 \text{ in. }_0^{+0.016})</math><br/>                 (5) 45 mm min. / 1.78 in. min.<br/>                 (6) 32 mm min. / 1.26 in. min.</p> |   |