



## 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 | 1 NO + 2 NC  |
| Contact operation             | Slow-break   |
| Contact block type            | Single   |
| Device composition            | Body<br>Fixing collar  |
| Connections - terminals       | Screw clamp terminals, $\leq 2 \times 1.5 \text{ mm}^2$ with cable end EN 60947-1<br>Screw clamp terminals, $\geq 1 \times 0.22 \text{ mm}^2$ without cable end EN 60947-1 |

## 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               | (11-12)NC  |
| Net Weight                                  | 0.16 lb(US) (0.072 kg)   |
| Contacts usage                              | Standard contacts  |
| Positive opening                            | With EN/IEC 60947-5-1 appendix K   |
| Operating travel                            | 0.06 In (1.5 mm) NC changing electrical state<br>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   |
| 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<br>Cross pozidriv No 1<br>Slotted flat $\varnothing$ 4 mm<br>Slotted flat $\varnothing$ 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  |
| [Ui] 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<br>6 A 120 V, AC-15, A600 EN/IEC 60947-5-1<br>0.1 A 600 V, DC-13, Q600 EN/IEC 60947-5-1<br>0.27 A 250 V, DC-13, Q600 EN/IEC 60947-5-1<br>0.55 A 125 V, DC-13, Q600 EN/IEC 60947-5-1<br>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<br>10000000 Cycles, AC-15, 3 A 120 V 3600 cyc/h 0.5 EN/IEC 60947-5-1 appendix C<br>10000000 Cycles, AC-15, 4 A 24 V 3600 cyc/h 0.5 EN/IEC 60947-5-1 appendix C<br>10000000 Cycles, DC-13, 0.2 A 110 V 3600 cyc/h 0.5 EN/IEC 60947-5-1 appendix C<br>10000000 cycles, DC-13, 0.5 A 24 V 3600 cyc/h 0.5 EN/IEC 60947-5-1 appendix C |
| Electrical reliability | $\Lambda < 10\text{exp}(-6)$ 5 V, 1 mA in clean environment EN/IEC 60947-5-4<br>$\Lambda < 10\text{exp}(-8)$ 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 conforming to IEC 60529   |
| Standards                             | EN/IEC 60947-5-4<br>EN/IEC 60947-5-1<br>EN/IEC 60947-5-5<br>JIS C8201-5-1<br>EN/IEC 60947-1<br>CSA C22.2 No 14<br>UL 508<br>JIS C8201-1  |
| Product certifications                | LROS (Lloyds register of shipping)<br>CSA<br>UL<br>DNV<br>RINA<br>GL<br>BV   |
| 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 |

## Ordering and shipping details

|                       |   |
|-----------------------|---|
| Category              | 22469 - PUSHBUTTON,22MM ACCESSORIES-NEW |
| Discount Schedule     | CS2                                     |
| GTIN                  | 00785901404828                          |
| Nbr. of units in pkg. | 1                                       |
| Package weight(Lbs)   | 0.13 lb(US) (0.06 kg)                   |
| Returnability         | Yes                                     |
| Country of origin     | FR                                      |

## Packing Units

|                              |                         |
|------------------------------|-------------------------|
| Unit Type of Package 1       | PCE                     |
| Package 1 Height             | 1.34 in (3.4 cm)        |
| Package 1 width              | 1.77 in (4.5 cm)        |
| Package 1 Length             | 2.13 in (5.4 cm)        |
| Unit Type of Package 2       | BB1                     |
| Number of Units in Package 2 | 5                       |
| Package 2 Weight             | 12.35 oz (350 g)        |
| Package 2 Height             | 1.34 in (3.4 cm)        |
| Package 2 width              | 1.77 in (4.5 cm)        |
| Package 2 Length             | 10.43 in (26.5 cm)      |
| Unit Type of Package 3       | S02                     |
| Number of Units in Package 3 | 100                     |
| Package 3 Weight             | 16.23 lb(US) (7.362 kg) |
| Package 3 Height             | 5.91 in (15 cm)         |

|                  |                  |
|------------------|------------------|
| Package 3 width  | 11.81 in (30 cm) |
| Package 3 Length | 15.75 in (40 cm) |

### Offer Sustainability

|                            |   |
|----------------------------|---|
| Sustainable offer status   | Green Premium product   |
| 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 <a href="http://www.P65Warnings.ca.gov">www.P65Warnings.ca.gov</a> |
| REACH Regulation           | <a href="#">REACH Declaration</a>   |
| REACH free of SVHC         | Yes   |
| EU RoHS Directive          | Pro-active compliance (Product out of EU RoHS legal scope) <a href="#">EU RoHS Declaration</a>  |
| Toxic heavy metal free     | Yes   |
| Mercury free               | Yes   |
| RoHS exemption information | <a href="#">Yes</a>   |
| China RoHS Regulation      | <a href="#">China RoHS Declaration</a>  |
| Environmental Disclosure   | <a href="#">Product Environmental Profile</a>   |
| Circularity Profile        | <a href="#">End Of Life Information</a>   |
| 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 |
|----------|-----------|