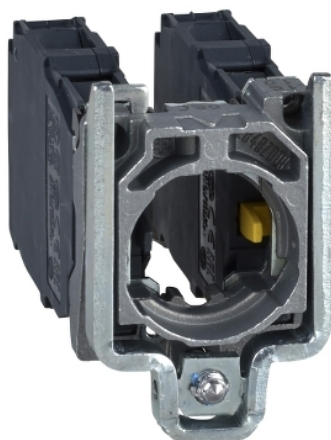




### Main

|                               |                                                             |
|-------------------------------|-------------------------------------------------------------|
| Range of product              | Harmony XB4                                                 |
| Product or component type     | Complete body/contact assembly for joystick controller      |
| Device short name             | ZD4                                                         |
| Fixing collar material        | Zamak                                                       |
| Sale per indivisible quantity | 1                                                           |
| Contacts type and composition | 4 NO                                                        |
| Contact operation             | Slow-break                                                  |
| Connections - terminals       | Faston connector 1 x 6.35 mm<br>Faston connector 2 x 2.8 mm |

### Complementary

|                                             |                                                                                                                                                                                                                                                                                                                                                                                                           |
|---------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| CAD overall width                           | 1.18 in (30 mm)                                                                                                                                                                                                                                                                                                                                                                                           |
| CAD overall height                          | 1.85 in (47 mm)                                                                                                                                                                                                                                                                                                                                                                                           |
| Contacts usage                              | Standard                                                                                                                                                                                                                                                                                                                                                                                                  |
| Positive opening                            | Without                                                                                                                                                                                                                                                                                                                                                                                                   |
| Mechanical durability                       | 1000000 cycles                                                                                                                                                                                                                                                                                                                                                                                            |
| 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               | 250 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                       | 1000000 Cycles, AC-15, 2 A 230 V 3600 cyc/h 0.5 EN/IEC 60947-5-1 appendix C<br>1000000 Cycles, AC-15, 3 A 120 V 3600 cyc/h 0.5 EN/IEC 60947-5-1 appendix C<br>1000000 Cycles, AC-15, 4 A 24 V 3600 cyc/h 0.5 EN/IEC 60947-5-1 appendix C<br>1000000 Cycles, DC-13, 0.2 A 110 V 3600 cyc/h 0.5 EN/IEC 60947-5-1 appendix C<br>1000000 cycles, DC-13, 0.5 A 24 V 3600 cyc/h 0.5 EN/IEC 60947-5-1 appendix C |
| Electrical reliability                      | $\Lambda < 10\exp(-6)$ 5 V 1 mA in clean environment EN/IEC 60947-5-4<br>$\Lambda < 10\exp(-8)$ 17 V 5 mA in clean environment EN/IEC 60947-5-4                                                                                                                                                                                                                                                           |

## Environment

|                                       |                                                                                                                                         |
|---------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------|
| Ambient air temperature for storage   | -40...158 °F (-40...70 °C)                                                                                                              |
| Ambient air temperature for operation | -13...158 °F (-25...70 °C)                                                                                                              |
| Electrical shock protection class     | Class I IEC 60536                                                                                                                       |
| Standards                             | EN/IEC 60947-1<br>UL 508<br>EN/IEC 60947-5-1<br>CSA C22.2 No 14<br>EN/IEC 60947-5-5<br>EN/IEC 60947-5-4<br>JIS C8201-5-1<br>JIS C8201-1 |
| Product certifications                | GL<br>BV<br>UL Listed<br>CSA<br>LROS (Lloyds register of shipping)<br>RINA<br>DNV                                                       |
| 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<br>50 gn 11 ms) half sine wave acceleration IEC 60068-2-27                      |

## Ordering and shipping details

|                       |                |
|-----------------------|----------------|
| GTIN                  | 03389110801903 |
| Nbr. of units in pkg. | 1              |
| Package weight(Lbs)   | 2.05 oz (58 g) |

## Packing Units

|                        |                  |
|------------------------|------------------|
| Unit Type of Package 1 | PCE              |
| Package 1 Height       | 3.46 in (8.8 cm) |
| Package 1 width        | 1.34 in (3.4 cm) |
| Package 1 Length       | 2.13 in (5.4 cm) |

## Offer Sustainability

|                            |                                                                                                                                                                                      |
|----------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| EU RoHS Directive          | Pro-active compliance (Product out of EU RoHS legal scope)  <a href="#">EU RoHS Declaration</a> |
| Mercury free               | Yes                                                                                                                                                                                  |
| RoHS exemption information |  <a href="#">Yes</a>                                                                              |
| China RoHS Regulation      |  <a href="#">China RoHS Declaration</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 |
|----------|-----------|