



### Main

|                           |                              |
|---------------------------|------------------------------|
| Range of Product          | Harmony XB5                  |
| Product or Component Type | Complete joystick controller |
| Device short name         | XD2                          |
| Mounting diameter         | 0.87 in (22 mm)              |
| Bezel material            | Chromium plated metal        |

### Complementary

|                                        |                                                                                                                                                                                                                                                                                                                                                                                                                                                            |
|----------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| [Ie] rated operational current         | 0.27 A 250 V, DC-13, Q300 EN/IEC 60947-5-1<br>3 A 240 V, AC-15, A300                                                                                                                                                                                                                                                                                                                                                                                       |
| [Ui] rated insulation voltage          | 500 V 3)EN/IEC 60947-1<br>600 V 3)UL 508<br>600 V 3)CSA C22.2 No 14                                                                                                                                                                                                                                                                                                                                                                                        |
| [Uimp] rated impulse withstand voltage | 6 kV EN/IEC 60947-1                                                                                                                                                                                                                                                                                                                                                                                                                                        |
| Operator position information          | All positions                                                                                                                                                                                                                                                                                                                                                                                                                                              |
| Notch per direction                    | 2                                                                                                                                                                                                                                                                                                                                                                                                                                                          |
| Operator direction information         | 4 directions                                                                                                                                                                                                                                                                                                                                                                                                                                               |
| Contacts type and composition          | 2 NO slow-break                                                                                                                                                                                                                                                                                                                                                                                                                                            |
| Short-circuit protection               | 10 A gG (gl) Neozed cartridge fuse EN/IEC 60947-5-1                                                                                                                                                                                                                                                                                                                                                                                                        |
| Connections - terminals                | Captive screw clamp terminals, 1 x 0.5 mm <sup>2</sup><br>Captive screw clamp terminals, 2 x 1.5 mm <sup>2</sup> with or without cable end<br>Faston connectors 6.3 mm                                                                                                                                                                                                                                                                                     |
| Electrical durability                  | 1000000 Cycles, AC-15 230 V 3600 cyc/h 0.5 EN/IEC 60947-5-1 appendix C<br>1000000 Cycles, AC-15 127 V 3600 cyc/h 0.5 EN/IEC 60947-5-1 appendix C<br>1000000 Cycles, AC-15 24...48 V 3600 cyc/h 0.5 EN/IEC 60947-5-1 appendix C<br>1000000 Cycles, DC-13 24 V 3600 cyc/h 0.5 EN/IEC 60947-5-1 appendix C<br>1000000 Cycles, DC-13 48 V 3600 cyc/h 0.5 EN/IEC 60947-5-1 appendix C<br>1000000 cycles, DC-13 120 V 3600 cyc/h 0.5 EN/IEC 60947-5-1 appendix C |
| Electrical reliability                 | $\Lambda < 10\exp(-6)$                                                                                                                                                                                                                                                                                                                                                                                                                                     |
| Contact code designation               | A600-Q600                                                                                                                                                                                                                                                                                                                                                                                                                                                  |
| Overvoltage category                   | Class I IEC 61140                                                                                                                                                                                                                                                                                                                                                                                                                                          |
| Mechanical durability                  | 1000000 cycles                                                                                                                                                                                                                                                                                                                                                                                                                                             |
| Fixing center                          | 90 x 90 mm                                                                                                                                                                                                                                                                                                                                                                                                                                                 |
| Return                                 | To 0 position                                                                                                                                                                                                                                                                                                                                                                                                                                              |
| Height                                 | 5.71 in (145 mm)                                                                                                                                                                                                                                                                                                                                                                                                                                           |
| Depth                                  | 3.54 in (90 mm)                                                                                                                                                                                                                                                                                                                                                                                                                                            |
| Net Weight                             | 1.21 lb(US) (0.55 kg)                                                                                                                                                                                                                                                                                                                                                                                                                                      |

### Environment

|                                       |                                           |
|---------------------------------------|-------------------------------------------|
| Standards                             | EN/IEC 60947-5-1                          |
| Product Certifications                | CSA<br>LROS (Lloyds register of shipping) |
| Protective treatment                  | TC                                        |
| Ambient Air Temperature for Storage   | -40...158 °F (-40...70 °C)                |
| Ambient air temperature for operation | -13...158 °F (-25...70 °C)                |

|                         |                                |
|-------------------------|--------------------------------|
| Vibration resistance    | 5 gn 40...500 Hz)IEC 60068-2-6 |
| Shock resistance        | 20 gn IEC 60068-2-27           |
| IP degree of protection | IP66 IEC 60529                 |

## Ordering and shipping details

|                       |                               |
|-----------------------|-------------------------------|
| Category              | 22476 - JOYSTICKS (NOT CRANE) |
| Discount Schedule     | I                             |
| GTIN                  | 3389110611458                 |
| Nbr. of units in pkg. | 1                             |
| Package weight(Lbs)   | 20.11 oz (570 g)              |
| Returnability         | No                            |
| Country of origin     | FR                            |

## Packing Units

|                              |                          |
|------------------------------|--------------------------|
| Unit Type of Package 1       | PCE                      |
| Package 1 Height             | 3.62 in (9.2 cm)         |
| Package 1 width              | 3.70 in (9.4 cm)         |
| Package 1 Length             | 5.59 in (14.2 cm)        |
| Unit Type of Package 2       | S03                      |
| Number of Units in Package 2 | 18                       |
| Package 2 Weight             | 23.69 lb(US) (10.747 kg) |
| Package 2 Height             | 11.81 in (30 cm)         |
| Package 2 width              | 11.81 in (30 cm)         |
| Package 2 Length             | 15.75 in (40 cm)         |
| Package 3 Height             | 11.81 in (30 cm)         |

## Offer Sustainability

|                            |                                                                                                                                                                                                                                                                                                                                                                        |
|----------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Sustainable offer status   | Green Premium product                                                                                                                                                                                                                                                                                                                                                  |
| California proposition 65  | WARNING: This product can expose you to chemicals including: Nickel compounds, which is known to the State of California to cause cancer, and 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>                                                                                                                                                                                                                                                                         |
| 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>                                                                                                                                                                                                                                                                                                                          |
| 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 |
|----------|-----------|

# Mouser Electronics

Authorized Distributor

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