# Product datasheet

Specifications



## complete joystick controller - Ø22 - 4 directions - 1 NO per direction

Local distributor code:

2202259 XD2PA24

**EAN Code: 3389110611625**

## Main

| | |
|---|---|
| **Range of product** | Harmony XD2 |
| **Product or component type** | Complete joystick controller |
| **Device short name** | XD2 |
| **Mounting diameter** | 22 mm |
| **Bezel material** | Chromium plated metal |

## Complementary

| | |
|---|---|
| **[Ui] rated insulation voltage** | 500 V (pollution degree 3) conforming to IEC 60947-1<br>600 V (pollution degree 3) conforming to UL 508<br>600 V (pollution degree 3) conforming to CSA C22.2 No 14 |
| **[Uimp] rated impulse withstand voltage** | 6 kV conforming to IEC 60947-1 |
| **Operator position information** | All positions |
| **Notch per direction** | 1 |
| **Operator direction information** | 4 directions |
| **Contacts type and composition** | 1 NO for time delayed |
| **Short-circuit protection** | 10 A gG (gl) Neozed cartridge fuse conforming to IEC 60947-5-1 |
| **Connections - terminals** | Captive screw clamp terminals, 2 x 1.5 mm² with or without cable end<br>Captive screw clamp terminals, 1 x 0.5 mm² with or without cable end<br>Captive screw clamp terminals, 1 x 2.5 mm² with or without cable end |
| **Electrical durability** | 1000000 cycles, AC-15 at 230 V, operating rate <3600 cyc/h, load factor: 0.5 conforming to IEC 60947-5-1 appendix C<br>1000000 cycles, AC-15 at 127 V, operating rate <3600 cyc/h, load factor: 0.5 conforming to IEC 60947-5-1 appendix C<br>1000000 cycles, DC-13 at 24 V, operating rate <3600 cyc/h, load factor: 0.5 conforming to IEC 60947-5-1 appendix C<br>1000000 cycles, DC-13 at 48 V, operating rate <3600 cyc/h, load factor: 0.5 conforming to IEC 60947-5-1 appendix C<br>1000000 cycles, DC-13 at 120 V, operating rate <3600 cyc/h, load factor: 0.5 conforming to IEC 60947-5-1 appendix C<br>1000000 cycles, AC-15 at 48 V, operating rate <3600 cyc/h, load factor: 0.5 conforming to IEC 60947-5-1 appendix C |
| **Contact code designation** | A600-Q600 |
| **Overvoltage category** | Class I conforming to IEC 61140 |
| **Mechanical durability** | 1000000 cycles |
| **fixing center** | 85 x 85 mm |
| **Return** | to 0 position |
| **Height** | 146 mm |
| **Depth** | 40 mm |
| **Net weight** | 0.145 kg |

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

| | |
|---|---|
| **[Ie] rated operational current** | 0.27 A at 250 V, DC-13, Q300 conforming to IEC 60947-5-1<br>3 A at 240 V, AC-15, A300 |

## Environment

| | |
|---|---|
| **Standards** | IEC 60947-5-1 |
| **Product certifications** | UL<br>CSA<br>LROS (Lloyds register of shipping) |
| **Protective treatment** | TC |
| **Ambient air temperature for storage** | -40…70 °C |
| **Ambient air temperature for operation** | -25…70 °C |
| **Vibration resistance** | 5 gn (f= 40…500 Hz) conforming to IEC 60068-2-6 |
| **Shock resistance** | 20 gn conforming to IEC 60068-2-27 |
| **IP degree of protection** | IP66 conforming to IEC 60529 |

## Packing Units

| | |
|---|---|
| **Unit Type of Package 1** | PCE |
| **Number of Units in Package 1** | 1 |
| **Package 1 Height** | 3.100 cm |
| **Package 1 Width** | 4.200 cm |
| **Package 1 Length** | 14.800 cm |
| **Package 1 Weight** | 158.000 g |
| **Unit Type of Package 2** | S02 |
| **Number of Units in Package 2** | 60 |
| **Package 2 Height** | 15 cm |
| **Package 2 Width** | 30 cm |
| **Package 2 Length** | 40 cm |
| **Package 2 Weight** | 9.790 kg |

## Logistical informations

| | |
|---|---|
| **Country of origin** | FR |

## Contractual warranty

| | |
|---|---|
| **Warranty (in months)** | 18 |

## Environmental Data

Schneider Electric aims to achieve Net Zero status by 2050 through supply chain partnerships, lower impact materials, and circularity via our ongoing “Use Better, Use Longer, Use Again” campaign to extend product lifetimes and recyclability.

Environmental Data explained >

How we assess product sustainability >

### Environmental footprint

| | |
|---|---|
| Total lifecycle Carbon footprint | **1 kg CO2 eq.** |
| Carbon footprint of the manufacturing phase [A1 to A3] | **0.9 kg CO2 eq.** |
| Carbon footprint of the distribution phase [A4] | **0.1 kg CO2 eq.** |
| Carbon footprint of the installation phase [A5] | **0 kg CO2 eq.** |
| Carbon footprint of the use phase [B2, B3, B4, B6] | **0 kg CO2 eq.** |
| Carbon footprint of the end-of-life phase [C1 to C4] | **0.1 kg CO2 eq.** |
| Environmental Disclosure | **Product Environmental Profile** |

## Use Better

### Materials and Substances

| | |
|---|---|
| Packaging made with recycled cardboard | **Yes** |
| Packaging without single use plastic | **Yes** |
| EU RoHS Directive | **Compliant By Exemption** |
| REACh Regulation | **Reference contains Substances of Very High Concern above the threshold** |

## Use Longer

### Lifetime extension

| | |
|---|---|
| Product repair index | **A** |

## Use Again

### Repack and remanufacture

| | |
|---|---|
| Recyclability potential, in % | **19** |
| End of life manual availability | **No need of specific recycling operations** |
| Take-back | **No** |
| WEEE Label | **The product must be disposed on European Union markets following specific waste collection and never end up in rubbish bins** |

Image of product / Alternate images

**Alternative**











