

# Product data sheet

Specifications



## Repacked Complete joystick controller, Harmony XB5, 22mm XD2 +OPTIONS

XD2GA8241W



**This repacked option saves 2.775 over the standard condition**

### Main

|                           |                              |
|---------------------------|------------------------------|
| Range of product          | Harmony XB5                  |
| 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                    | 2                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |
| Operator direction information         | 2 directions                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |
| Contacts type and composition          | 2 NO for slow-break                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |
| Short-circuit protection               | 10 A gG (gl) Neozed cartridge fuse conforming to 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, connection size: 6.3 mm                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |
| 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, AC-15 at 24...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 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 |
| Electrical reliability                 | $\Lambda < 10\exp(-6)$                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |
| Contact code designation               | A600-Q600                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |
| Overvoltage category                   | Class I conforming to IEC 61140                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |
| Mechanical durability                  | 1000000 cycles                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |
| fixing center                          | 90 x 90 mm                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |
| Return                                 | to 0 position                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |
| Height                                 | 145 mm                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |

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

|                                |                                                                                       |
|--------------------------------|---------------------------------------------------------------------------------------|
| Depth                          | 60 mm                                                                                 |
| Product weight                 | 0.5 kg                                                                                |
| [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                | 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             | 9.2 cm  |
| Package 1 Width              | 9.2 cm  |
| Package 1 Length             | 14.5 cm |
| Package 1 Weight             | 452.0 g |

## 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

Lower carbon footprint

3 kg CO2 eq.

## Use Longer



### Lifetime extension

Repair

No

## Use Again



### Repack and remanufacture

WEEE Label



The product must be disposed on European Union markets following specific waste collection and never end up in rubbish bins