

## Product data sheet

### Characteristics

# XD2PA12

complete joystick controller - Ø22 - 2 directions  
- 1 NO per direction



### 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

[Ie] rated operational current	0.27 A at 250 V, DC-13, Q300 conforming to EN/IEC 60947-5-1 3 A at 240 V, AC-15, A300
[Ui] rated insulation voltage	500 V (pollution degree 3) conforming to EN/IEC 60947-1 600 V (pollution degree 3) conforming to UL 508 600 V (pollution degree 3) conforming to CSA C22.2 No 14
[Uimp] rated impulse withstand voltage	6 kV EN/IEC 60947-1
Operator position information	All positions
Notch per direction	1
Operator direction information	2 directions
Contacts type and composition	1 NO for time delayed
Short-circuit protection	10 A gG (gl) Neozed cartridge fuse conforming to EN/IEC 60947-5-1
Connections - terminals	Captive screw clamp terminals, 2 x 1.5 mm <sup>2</sup> with or without cable end Captive screw clamp terminals, 1 x 0.5 mm <sup>2</sup> with or without cable end Captive screw clamp terminals, 1 x 2.5 mm <sup>2</sup> 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 EN/IEC 60947-5-1 appendix C 1000000 Cycles, AC-15 at 127 V, operating rate <3600 cyc/h, load factor: 0.5 conforming to EN/IEC 60947-5-1 appendix C 1000000 Cycles, DC-13 at 24 V, operating rate <3600 cyc/h, load factor: 0.5 conforming to EN/IEC 60947-5-1 appendix C 1000000 Cycles, DC-13 at 48 V, operating rate <3600 cyc/h, load factor: 0.5 conforming to EN/IEC 60947-5-1 appendix C 1000000 Cycles, DC-13 at 120 V, operating rate <3600 cyc/h, load factor: 0.5 conforming to EN/IEC 60947-5-1 appendix C 1000000 cycles, AC-15 at 48 V, operating rate <3600 cyc/h, load factor: 0.5 conforming to EN/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	30 x 85 mm
Return	without
Height	122 mm
Depth	40 mm
Net weight	0.115 kg

The information provided in this documentation contains general descriptions and/or technical characteristics of the performance of the products contained herein. 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. It is the duty of any such user or integrator to perform the appropriate and complete risk analysis, evaluation and testing of the products with respect to the relevant specific application or use thereof. Neither Schneider Electric Industries SAS nor any of its affiliates or subsidiaries shall be responsible or liable for misuse of the information contained herein.

## Environment

Standards	EN/IEC 60947-5-1
Product certifications	CSA UL 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 Weight	132 g
Package 1 Height	3 cm
Package 1 width	14.4 cm
Package 1 Length	3.8 cm
Unit Type of Package 2	S02
Number of Units in Package 2	48
Package 2 Weight	6.72 kg
Package 2 Height	15 cm
Package 2 width	30 cm
Package 2 Length	40 cm

## Offer Sustainability

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>
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
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