



### Main

Range of product	Harmony XD2
Product or component type	Complete joystick controller
Device short name	XD2
Mounting diameter	30 Mm
Bezel material	Chromium plated metal

### Complementary

Operator position information	All positions
Notch per direction	1...2
Operator direction information	8 directions
Contacts type and composition	1 C/O for snap action 2 C/O for snap action
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 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 IEC 60947-5-1 appendix C 1000000 Cycles, AC-15 at 127 V, operating rate <3600 cyc/h, load factor: 0.5 conforming to IEC 60947-5-1 appendix C 1000000 Cycles, DC-13 at 24 V, operating rate <3600 cyc/h, load factor: 0.5 conforming to IEC 60947-5-1 appendix C 1000000 Cycles, DC-13 at 48 V, operating rate <3600 cyc/h, load factor: 0.5 conforming to IEC 60947-5-1 appendix C 1000000 Cycles, DC-13 at 120 V, operating rate <3600 cyc/h, load factor: 0.5 conforming to IEC 60947-5-1 appendix C 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	100 x 100 mm
Return	To 0 position
Height	127 Mm
Depth	91 Mm
Net weight	0.3 Kg

## Environment

Standards	IEC 60947-5-1
Product certifications	CSA[RETURN]DEMKO[RETURN]GL
Protective treatment	TC
Ambient air temperature for storage	-40...70 °C
Ambient air temperature for operation	-25...70 °C
Vibration resistance	25 gn (f= 10...500 Hz) conforming to IEC 60068-2-6
Shock resistance	50 gn conforming to IEC 60068-2-27
IP degree of protection	IP65 conforming to IEC 60529

## Packing Units

Unit Type of Package 1	PCE
Number of Units in Package 1	1
Package 1 Height	9.400 Cm
Package 1 Width	9.800 Cm
Package 1 Length	18.000 Cm
Package 1 Weight	352.000 G
Unit Type of Package 2	S03
Number of Units in Package 2	10
Package 2 Height	30.000 Cm
Package 2 Width	30.000 Cm
Package 2 Length	40.000 Cm
Package 2 Weight	3.950 Kg

## Offer Sustainability

Total lifecycle Carbon footprint	3 kg CO2 eq.
Carbon footprint of the manufacturing-phase [A1 to A3]	2.2024793043
Carbon footprint of the manufacturing-phase [A1 to A3]	2 kg CO2 eq.
Carbon footprint of the distribution phase [A4]	0.1229184
Carbon footprint of the distribution phase [A4]	0.1 kg CO2 eq.
Carbon footprint of the installation phase [A5]	0.0310127304
Carbon footprint of the installation phase [A5]	0 kg CO2 eq.
Carbon footprint of the use phase [B2, B3, B4, B6]	0
Carbon footprint of the use phase [B2, B3, B4, B6]	0 kg CO2 eq.
Mercury free	Yes
Sustainable packaging	Yes
RoHS exemption information	 Yes
Carbon footprint of the end-of-life phase [C1 to C4]	0.2200826435
Carbon footprint of the end-of-life phase [C1 to C4]	0.2 kg CO2 eq.
Environmental Disclosure	 <a href="#">Product Environmental Profile</a>
Total lifecycle Carbon footprint	3
Packaging made with recycled cardboard	Yes
Packaging without single use plastic	Yes
EU RoHS Directive	Pro-active compliance (Product out of EU RoHS legal scope)  <a href="#">EU RoHS Declaration</a>
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

Contractual warranty

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Warranty	18 mois
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Product Life Status : **Commercialised**