

# Product data sheet

## Characteristics

# XD2EL1111

Complete joystick controller, XD2,XD4, 30mm, 8 directions, 1 or 2CO per direction



### 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	162 mm
Depth	91 mm
Net weight	0.315 kg

### Environment

Standards	IEC 60947-5-1
Product certifications	CSA[RETURN]GL[RETURN]DEMKO
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

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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	9.600 cm
Package 1 Width	10.000 cm
Package 1 Length	16.600 cm
Package 1 Weight	358.000 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	4.149 kg

### Offer Sustainability

Sustainable offer status	Green Premium product
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)
Mercury free	Yes
China RoHS Regulation	 <a href="#">China RoHS Declaration</a>
RoHS exemption information	 Yes
Environmental Disclosure	 <a href="#">Product Environmental Profile</a>
Circularity Profile	No need of specific recycling operations
WEEE	The product must be disposed on European Union markets following specific waste collection and never end up in rubbish bins