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Product data sheet
Characteristics

XD2AC2019H2
Complete joystick controller, Harmony XD2, 30mm, 2 directions, 1 C/O per direction, without/with return position 0

Green Premium™

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
Operator direction information	2 directions
Contacts type and composition	1 C/O for snap action
Short-circuit protection	10 A gG (gl) Neozed cartridge fuse conforming to IEC 337-1B
Connections - terminals	Captive screw clamp terminals, 2 x 1.5 mm² with or without cable end 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 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
Overvoltage category	Class I conforming to IEC 536
Mechanical durability	1000000 cycles
Fixing center	68 x 46 mm
Return	Without To 0 position
Height	111 mm
Width	68 mm
Depth	46 mm
Net weight	0.22 kg

The information provided in this documentation contains general descriptions and/or technical characteristics of the performance of the products contained herein.
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Environment

Standards	IEC 60529 NF C 20-030 IEC 60947-5-1
Product certifications	DEMKO[RETURN]CSA[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	IP40 conforming to IEC 60529

Offer Sustainability

Sustainable offer status	Green Premium product
REACh Regulation	REACh Declaration
REACh free of SVHC	Yes
EU RoHS Directive	Pro-active compliance (Product out of EU RoHS legal scope)
Mercury free	Yes
RoHS exemption information	Yes
China RoHS Regulation	China RoHS Declaration
Environmental Disclosure	Product Environmental Profile
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