



Main

Range of Product	Harmony XB5
Product or Component Type	Complete joystick controller
Device short name	XD2
Mounting diameter	0.87 in (22 mm)
Bezel material	Chromium plated metal

Complementary

[Ie] rated operational current	0.27 A 250 V, DC-13, Q300 EN/IEC 60947-5-1 3 A 240 V, AC-15, A300
[Ui] rated insulation voltage	500 V 3)EN/IEC 60947-1 600 V 3)UL 508 600 V 3)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	4 directions
Contacts type and composition	1 NO slow-break
Short-circuit protection	10 A gG (gl) Neozed cartridge fuse EN/IEC 60947-5-1
Connections - terminals	Captive screw clamp terminals, 1 x 0.5 mm ² Captive screw clamp terminals, 2 x 1.5 mm ² with or without cable end Faston connectors 6.3 mm
Electrical durability	1000000 Cycles, AC-15 230 V 3600 cyc/h 0.5 EN/IEC 60947-5-1 appendix C 1000000 Cycles, AC-15 127 V 3600 cyc/h 0.5 EN/IEC 60947-5-1 appendix C 1000000 Cycles, AC-15 24...48 V 3600 cyc/h 0.5 EN/IEC 60947-5-1 appendix C 1000000 Cycles, DC-13 24 V 3600 cyc/h 0.5 EN/IEC 60947-5-1 appendix C 1000000 Cycles, DC-13 48 V 3600 cyc/h 0.5 EN/IEC 60947-5-1 appendix C 1000000 cycles, DC-13 120 V 3600 cyc/h 0.5 EN/IEC 60947-5-1 appendix C
Electrical reliability	$\Lambda < 10\exp(-6)$
Contact code designation	A600-Q600
Overvoltage category	Class I IEC 61140
Mechanical durability	1000000 cycles
Fixing center	90 x 90 mm
Return	To 0 position
Height	5.71 in (145 mm)
Depth	3.54 in (90 mm)
Net Weight	0.73 lb(US) (0.33 kg)

Environment

Standards	EN/IEC 60947-5-1
Product Certifications	LROS (Lloyds register of shipping) CSA
Protective treatment	TC
Ambient Air Temperature for Storage	-40...158 °F (-40...70 °C)
Ambient air temperature for operation	-13...158 °F (-25...70 °C)

Vibration resistance	5 gn 40...500 Hz)IEC 60068-2-6
Shock resistance	20 gn IEC 60068-2-27
IP degree of protection	IP66 IEC 60529

Ordering and shipping details

Category	22476 - JOYSTICKS (NOT CRANE)
Discount Schedule	I
GTIN	3389110611465
Nbr. of units in pkg.	1
Package weight(Lbs)	13.98 oz (396.33 g)
Returnability	No
Country of origin	FR

Packing Units

Unit Type of Package 1	PCE
Package 1 Height	3.54 in (9 cm)
Package 1 width	3.54 in (9 cm)
Package 1 Length	5.71 in (14.5 cm)
Unit Type of Package 2	S03
Number of Units in Package 2	18
Package 2 Weight	16.66 lb(US) (7.557 kg)
Package 2 Height	11.81 in (30 cm)
Package 2 width	11.81 in (30 cm)
Package 2 Length	15.75 in (40 cm)

Offer Sustainability

Sustainable offer status	Green Premium product
California proposition 65	WARNING: This product can expose you to chemicals including: Nickel compounds, which is known to the State of California to cause cancer, and Di-isodecyl phthalate (DIDP), which is known to the State of California to cause birth defects or other reproductive harm. For more information go to www.P65Warnings.ca.gov
REACH Regulation	REACH Declaration
REACH free of SVHC	Yes
EU RoHS Directive	Pro-active compliance (Product out of EU RoHS legal scope) EU RoHS Declaration
Mercury free	Yes
RoHS exemption information	Yes
China RoHS Regulation	China RoHS Declaration
Environmental Disclosure	Product Environmental Profile
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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Mouser Electronics

Authorized Distributor

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[XD2GA8421](#)