

Product datasheet

Specifications



Complete joystick controller, Harmony XB5, metal, 22 mm, 2 directions, 1NO

XD2GA8221

Main

Range Of Product	Harmony XB5
Product Or Component Type	Complete joystick controller
Device Short Name	XD2
Mounting Diameter	22 mm
Bezel Material	Chromium plated metal

Complementary

[Ui] Rated Insulation Voltage	500 V (pollution degree 3) conforming to 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 conforming to IEC 60947-1
Operator Position Information	All positions
Notch Per Direction	1
Operator Direction Information	2 directions
Contacts Type And Composition	1 NO for slow-break
Short-Circuit Protection	10 A gG (gl) Neozed cartridge fuse conforming to 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, connection size: 6.3 mm
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, AC-15 at 24...48 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
Electrical Reliability	$\Lambda < 10\text{exp}(-6)$
Contact Code Designation	A600-Q600
Overvoltage Category	Class I conforming to IEC 61140
Mechanical Durability	1000000 cycles
Fixing Center	90 x 90 mm
Return	to 0 position
Height	145 mm

Price is "List Price" and may be subject to a trade discount – check with your local distributor or retailer for actual price.

Depth	60 mm
Net Weight	0.3 kg
[Ie] Rated Operational Current	0.27 A at 250 V, DC-13, Q300 conforming to IEC 60947-5-1 3 A at 240 V, AC-15, A300

Environment

Standards	IEC 60947-5-1
Product Certifications	LROS (Lloyds register of shipping) CSA
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 Height	9.2 cm
Package 1 Width	9.6 cm
Package 1 Length	14.8 cm
Package 1 Weight	366 g
Unit Type Of Package 2	S03
Number Of Units In Package 2	18
Package 2 Height	30 cm
Package 2 Width	30 cm
Package 2 Length	40 cm
Package 2 Weight	7.094 kg

Sustainability

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Guide to assessing product sustainability is a white paper that clarifies global eco-label standards and how to interpret environmental declarations.

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[Guide to assess a product's sustainability >](#)



Transparency RoHS/REACH

Well-being performance

Reach Free Of Svhc

Mercury Free

Rohs Exemption Information Yes

Certifications & Standards

Reach Regulation	REACH Declaration
Eu Rohs Directive	Pro-active compliance (Product out of EU RoHS legal scope)
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
Circularity Profile	No need of specific recycling operations