

Product Datasheet

Characteristic

XD2PA24

complete joystick controller - Ø22 - 4
directions - 1 NO per direction



Main

range of product	Harmony XD2
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 at 250 V DC-13, Q300 conforming to EN/IEC 60947-5-1 3 A at 240 V AC-15, A300
[Ui] rated insulation voltage	500 V (degree of pollution: 3) conforming to EN/IEC 60947-1 600 V (degree of pollution: 3) conforming to UL 508 600 V (degree of pollution: 3) conforming to CSA C22.2 No 14
[Uimp] rated impulse withstand voltage	6 kV conforming to EN/IEC 60947-1
operator position information	all positions
notch per direction	1
operator direction information	4 directions
contacts type and composition	1 NO time delayed
short circuit protection	10 A gG (gl) Neozed cartridge fuse conforming to EN/IEC 60947-5-1
connections - terminals	captive screw clamp terminals - 2 x 1.5 mm ² with or without cable end captive screw clamp terminals - 1 x 0.5 mm ² with or without cable end captive screw clamp terminals - 1 x 2.5 mm ² with or without cable end
electrical durability	1000000 cycles at 230 V AC-15, operating rate: 3600 cyc/h, load factor: 0.5 conforming to EN/IEC 60947-5-1 appendix C 1000000 cycles at 127 V AC-15, operating rate: 3600 cyc/h, load factor: 0.5 conforming to EN/IEC 60947-5-1 appendix C 1000000 cycles at 24 V DC-13, operating rate: 3600 cyc/h, load factor: 0.5 conforming to EN/IEC 60947-5-1 appendix C 1000000 cycles at 48 V DC-13, operating rate: 3600 cyc/h, load factor: 0.5 conforming to EN/IEC 60947-5-1 appendix C 1000000 cycles at 120 V DC-13, operating rate: 3600 cyc/h, load factor: 0.5 conforming to EN/IEC 60947-5-1 appendix C 1000000 cycles at 48 V AC-15, operating rate: 3600 cyc/h, load factor: 0.5 conforming to EN/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	85 x 85 mm
return	to 0 position

height	5.75 in (146 mm)
depth	1.57 in (40 mm)
product weight	0.32 lb(US) (0.145 kg)

Environment

standards	EN/IEC 60947-5-1
product certifications	CSA LROS (Lloyds register of shipping) UL
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 (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