



❗ Discontinued

Main

Range of product	Harmony XK
Product or component type	Complete joystick controller
Device short name	XDL
Mounting diameter	22 mm
Bezel material	Plastic
Sale per indivisible quantity	1

Complementary

[Ie] rated operational current	0.1 A at 250 V, DC-13, R300 conforming to EN/IEC 60947-5-1 0.22 A at 125 V, DC-13, R300 conforming to EN/IEC 60947-5-1
[Ui] rated insulation voltage	600 V (pollution degree 3) conforming to EN 60947-1
[Uimp] rated impulse withstand voltage	EN 60947-1 6 kV
Operator position information	All positions
Notch per direction	1
Operator direction information	4 directions
Contacts type and composition	4 NO
Contact operation	Slow-break
Contacts usage	Standard
Short-circuit protection	10 A cartridge fuse type gG conforming to EN/IEC 60947-5-1
Connections - terminals	Screw clamp terminals, $\leq 2 \times 2.5 \text{ mm}^2$ with cable end conforming to EN 60947-1 Screw clamp terminals, $\geq 1 \times 0.5 \text{ mm}^2$ with cable end conforming to EN 60947-1
Electrical durability	1000000 cycles, AC-15, 2 A at 230 V, operating rate $< 3600 \text{ cyc/h}$, load factor: 0.5 conforming to EN/IEC 60947-5-1 appendix C 1000000 cycles, AC-15, 3 A at 120 V, operating rate $< 3600 \text{ cyc/h}$, load factor: 0.5 conforming to EN/IEC 60947-5-1 appendix C 1000000 cycles, AC-15, 4 A at 24 V, operating rate $< 3600 \text{ cyc/h}$, load factor: 0.5 conforming to EN/IEC 60947-5-1 appendix C 1000000 cycles, DC-13, 0.2 A at 110 V, operating rate $< 3600 \text{ cyc/h}$, load factor: 0.5 conforming to EN/IEC 60947-5-1 appendix C 1000000 cycles, DC-13, 0.5 A at 24 V, operating rate $< 3600 \text{ cyc/h}$, load factor: 0.5 conforming to EN/IEC 60947-5-1 appendix C
Product certifications	UL listed RINA BV GL LROS (Lloyds register of shipping) DNV

Disclaimer: This documentation is not intended as a substitute for and is not to be used for determining suitability or reliability of these products for specific user applications

	CSA
Overvoltage category	Class II conforming to IEC 60536
Mechanical durability	1000000 cycles
Return	Without
Height	144 mm
Width	30 mm
Depth	40 mm
Product weight	0.125 kg
Compatibility code	XDL

Environment

Electrical reliability	$\Lambda < 10\exp(-6)$ at 5 V, 1 mA in clean environment conforming to EN/IEC 60947-5-4 $\Lambda < 10\exp(-8)$ at 17 V, 5 mA in clean environment conforming to EN/IEC 60947-5-4
Standards	CSA C22.2 No 14 EN/IEC 60947-5-1 EN/IEC 60947-5-4 JIS C 4520 UL 508 EN/IEC 60947-1
Protective treatment	TH
Ambient air temperature for storage	-40...70 °C
Ambient air temperature for operation	-25...70 °C
Vibration resistance	5 gn ($f = 2 \dots 500$ Hz) conforming to IEC 60068-2-6
Shock resistance	30 gn (duration = 18 ms) for half sine wave acceleration conforming to IEC 60068-2-27 50 gn (duration = 11 ms) for half sine wave acceleration conforming to IEC 60068-2-27
IP degree of protection	IP65 conforming to IEC 60529

Offer Sustainability

REACH free of SVHC	Yes
EU RoHS Directive	Pro-active compliance (Product out of EU RoHS legal scope) EU RoHS Declaration
Toxic heavy metal free	Yes
Mercury free	Yes
RoHS exemption information	Yes
China RoHS Regulation	China RoHS declaration
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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XDLPA14 is replaced by:



Complete Control Products XD5PA14

joystick controller Ø22 4-direction stay put 1NO per direction

Qty 1

Reason for Substitution: End of life | Substitution date: 30 December 2006