

Joystick controller, Harmony XDA, Ø22 mm 4 direction spring return 1 NO per direction

XD4PA247

EAN Code: 3389110218695

Main

Range of product	Harmony XDA
Product or component type	Joystick controller
Device short name	XD4
Bezel material	Black metal
Fixing collar material	Zamak
Mounting diameter	22.5 mm
Sale per indivisible quantity	1
Type of operator	Spring return to 0 position, long operating shaft 54 mm length
Operator position information	5 positions
Operator direction information	4 directions
Contacts type and composition	1 NO
Contact operation	Slow-break
Connections - terminals	Screw clamp terminals, <= 2 x 1.5 mm² with cable end conforming to IEC 60947-1 Screw clamp terminals, >= 1 x 0.22 mm² without cable end conforming to IEC 60947-1

Complementary

Net weight	0.133 kg	
Resistance to high pressure washer	7000000 Pa at 55 °C, distance : 0.1 m	
Shape of signaling unit head	Round	
Notch per direction	1	
Contacts usage	Standard	
Positive opening	Without	
Mechanical durability	1000000 cycles	
Tightening torque	0.81.2 N.m conforming to IEC 60947-1	
Shape of screw head	Cross compatible with Philips no 1 screwdriver Cross compatible with pozidriv No 1 screwdriver Slotted compatible with flat Ø 4 mm screwdriver Slotted compatible with flat Ø 5.5 mm screwdriver	
Contacts material	Silver alloy (Ag/Ni)	
Short-circuit protection	10 A cartridge fuse type gG conforming to IEC 60947-5-1	
[Ith] conventional free air thermal current	10 A conforming to IEC 60947-5-1	
[Ui] rated insulation voltage	250 V (pollution degree 3) conforming to IEC 60947-1	

[Uimp] rated impulse withstand voltage	6 kV conforming to IEC 60947-1
[le] rated operational current	0.1 A at 250 V, DC-13, R300 conforming to IEC 60947-5-1 0.22 A at 125 V, DC-13, R300 conforming to IEC 60947-5-1
Electrical durability	1000000 cycles, AC-15, 2 A at 230 V, operating rate <3600 cyc/h, load factor: 0.5 conforming to IEC 60947-5-1 appendix C 1000000 cycles, AC-15, 3 A at 120 V, operating rate <3600 cyc/h, load factor: 0.5 conforming to IEC 60947-5-1 appendix C 1000000 cycles, AC-15, 4 A at 24 V, operating rate <3600 cyc/h, load factor: 0.5 conforming to IEC 60947-5-1 appendix C 1000000 cycles, DC-13, 0.2 A at 110 V, operating rate <3600 cyc/h, load factor: 0.5 conforming to IEC 60947-5-1 appendix C 1000000 cycles, DC-13, 0.5 A at 24 V, operating rate <3600 cyc/h, load factor: 0.5 conforming to IEC 60947-5-1 appendix C
Electrical reliability	Λ < 10exp(-6) at 5 V, 1 mA in clean environment conforming to IEC 60947-5-4 Λ < 10exp(-8) at 17 V, 5 mA in clean environment conforming to IEC 60947-5-4
Device presentation	Complete product
Environment	
Protective treatment	тн
Ambient air temperature for storage	-4070 °C
Ambient air temperature for operation	-2570 °C
Electrical shock protection class	Class I conforming to IEC 60536
IP degree of protection	IP66 conforming to IEC 60529
NEMA degree of protection	NEMA 13 NEMA 4X
IK degree of protection	IK03 conforming to IEC 50102
Standards	IEC 60947-5-5 UL 508 IEC 60947-1 CSA C22.2 No 14 JIS C8201-5-1 IEC 60947-5-1 IEC 60947-5-4 JIS C8201-1
Product certifications	CSA LROS (Lloyds register of shipping) BV UL listed DNV
Vibration resistance	5 gn (f= 2500 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
Packing Units	DAE
Unit Type of Package 1	PCE .
Number of Units in Package 1 Package 1 Height	1 4 400 cm
Package 1 Height Package 1 Width	4.400 cm
Package 1 Width	5.300 cm
Package 1 Length	13.200 cm

Logistical informations

Package 1 Weight

134.000 g

Country of origin FR

Contractual warranty

Warranty 18 months



Schneider Electric aims to achieve Net Zero status by 2050 through supply chain partnerships, lower impact materials, and circularity via our ongoing "Use Better, Use Longer, Use Again" campaign to extend product lifetimes and recyclability.

Environmental Data explained >

How we assess product sustainability >

☑ Environmental footprint	
Carbon footprint (kg.eq.CO2 per CR, Total Life cycle)	1
Environmental Disclosure	Product Environmental Profile

Use Better

Materials and Substances	
Packaging made with recycled cardboard	Yes
Packaging without single use plastic	Yes
EU RoHS Directive	Pro-active compliance (Product out of EU RoHS legal scope)
SCIP Number	3f5be3ea-91d8-44be-909b-d6ac0a6fe845
REACh Regulation	REACh Declaration

Use Again

○ Repack and remanufacture	
Circularity Profile	End of Life Information
Take-back	No
WEEE	The product must be disposed on European Union markets following specific waste collection and never end up in rubbish bins