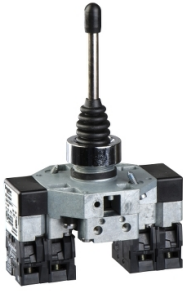


# Product datasheet

Specifications



## Complete joystick controller, Harmony XB5, 22mm XD2 +OPTIONS

XD2GA8241

### 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	2
Operator direction information	2 directions
Contacts type and composition	2 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 <sup>2</sup> Captive screw clamp terminals, 2 x 1.5 mm <sup>2</sup> 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
Depth	60 mm

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

<b>Net weight</b>	0.5 kg
<b>[Ie] rated operational current</b>	0.27 A at 250 V, DC-13, Q300 conforming to IEC 60947-5-1 3 A at 240 V, AC-15, A300

## Environment

<b>Standards</b>	IEC 60947-5-1
<b>Product certifications</b>	CSA LROS (Lloyds register of shipping)
<b>Protective treatment</b>	TC
<b>Ambient air temperature for storage</b>	-40...70 °C
<b>Ambient air temperature for operation</b>	-25...70 °C
<b>Vibration resistance</b>	5 gn (f= 40...500 Hz) conforming to IEC 60068-2-6
<b>Shock resistance</b>	20 gn conforming to IEC 60068-2-27
<b>IP degree of protection</b>	IP66 conforming to IEC 60529

## Packing Units

<b>Unit Type of Package 1</b>	PCE
<b>Number of Units in Package 1</b>	1
<b>Package 1 Height</b>	9.2 cm
<b>Package 1 Width</b>	9.2 cm
<b>Package 1 Length</b>	14.5 cm
<b>Package 1 Weight</b>	452.0 g
<b>Unit Type of Package 2</b>	S03
<b>Number of Units in Package 2</b>	18
<b>Package 2 Height</b>	30.0 cm
<b>Package 2 Width</b>	30.0 cm
<b>Package 2 Length</b>	40.0 cm
<b>Package 2 Weight</b>	8.684 kg

## Contractual warranty

<b>Warranty (in months)</b>	18
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## Environmental Data

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

Total lifecycle Carbon footprint	3 kg CO2 eq.
Carbon footprint of the manufacturing phase [A1 to A3]	3 kg CO2 eq.
Carbon footprint of the distribution phase [A4]	0.2 kg CO2 eq.
Carbon footprint of the installation phase [A5]	0 kg CO2 eq.
Carbon footprint of the use phase [B2, B3, B4, B6]	0 kg CO2 eq.
Carbon footprint of the end-of-life phase [C1 to C4]	0.3 kg CO2 eq.
Environmental Disclosure	<a href="#">Product Environmental Profile</a>

## Use Better



### Materials and Substances

Packaging made with recycled cardboard	Yes
Packaging without single use plastic	Yes
EU RoHS Directive	<a href="#">Compliant By Exemption</a>
REACH Regulation	<a href="#">Reference contains Substances of Very High Concern above the threshold</a>

## Use Longer



### Lifetime extension

Repair	No
Product repair index	<a href="#">A</a>

## Use Again



### Repack and remanufacture

End of life manual availability	No need of specific recycling operations
Take-back	Nej
WEEE Label	 The product must be disposed on European Union markets following specific waste collection and never end up in rubbish bins