

# Lembar data produk

Spesifikasi



## Joystick controller, Easy Harmony XB2, plastic, 22mm, 4 directions, stay put, 4NO

XD2PA14CR

### Main

Range of product	Easy Harmony XB2
Product or component type	Complete joystick controller
Device short name	XD2
Mounting diameter	22.5 mm
Bezel material	Chromium plated metal
Sale per indivisible quantity	1
Device presentation	Complete product

### Complementary

[Ui] rated insulation voltage	600 V (pollution degree 3) conforming to IEC 60947-1
[Uimp] rated impulse withstand voltage	6 kV conforming to IEC 60947-1
Operator position information	All positions
Operator direction information	4 directions
Contacts type and composition	4 NO for slow-break
Contacts usage	Standard contacts
Short-circuit protection	10 A gG (gl) gL fuse conforming to IEC 60947-5-1
Connections - terminals	Screw clamp terminal, $\leq 2 \times 1.5 \text{ mm}^2$ with and without cable ends Screw clamp terminal, $\leq 1 \times 2.5 \text{ mm}^2$ with and without cable ends Screw clamp terminal, $\geq 1 \times 0.5 \text{ mm}^2$ with and without cable ends Faston terminals, connection size: 6.3 mm
Shape of screw head	Cross compatible with Philips no 1 screwdriver Cross compatible with pozidriv No 1 screwdriver Slotted compatible with flat $\varnothing 4 \text{ mm}$ screwdriver Slotted compatible with flat $\varnothing 5.5 \text{ mm}$ screwdriver
Electrical durability	1000000 cycles, AC-15, 3 A at 240 V, operating rate $< 3600 \text{ cyc/h}$ , load factor: 0.5 conforming to IEC 60947-5-1 appendix C 1000000 cycles, DC-13, 0.27 A at 250 V, operating rate $< 3600 \text{ cyc/h}$ , load factor: 0.5 conforming to IEC 60947-5-1 appendix C
Electrical reliability	$\Lambda < 10\text{exp}(-6)$ at 5 V and 1 mA in clean environment conforming to IEC 60947-5-4 $\Lambda < 10\text{exp}(-8)$ at 17 V and 5 mA in clean environment conforming to IEC 60947-5-4
Contact code designation	A600-Q600
Overvoltage category	Class I conforming to IEC 60536
Mechanical durability	1000000 cycles
fixing center	85 x 85 mm
Return	stay put
Height	30 mm

<b>Width</b>	40 mm
<b>Depth</b>	147.5 mm
<b>Net weight</b>	0.145 kg
<b>[Ie] rated operational current</b>	3 A at 240 V, AC-15, A600 conforming to IEC 60947-5-1 0.27 A at 250 V, DC-13, Q600 conforming to IEC 60947-5-1
<b>Contacts type and composition</b>	4 NO
<b>Contacts material</b>	Silver alloy (Ag/Ni)
<b>Contact operation</b>	Slow-break
<b>Fixing collar material</b>	Zamak
<b>Shape of signaling unit head</b>	Round
<b>Terminals description ISO n°1</b>	(13-14)NO (23-24)NO (33-34)NO (43-44)NO
<b>Fixing mode</b>	Fixing screw beneath head recommended torque: 0.8 N.m Fixing screw beneath head recommended torque: 1.0 N.m
<b>Tightening torque</b>	0.8...1.0 N.m
<b>Device mounting</b>	Fixing hole - diameter: 22.5 mm
<b>[Ith] conventional free air thermal current</b>	10 A conforming to IEC 60947-5-1
<b>Customizable</b>	No
<b>Type of operator</b>	Stay put

## Environment

<b>Standards</b>	GB/T 14048.5 IEC 60947-5-1 IEC 60947-5-4 GB/T 14048.1 IEC 60947-1
<b>Product certifications</b>	CCC CE
<b>Protective treatment</b>	TC/TH
<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= 2...500 Hz) conforming to IEC 60068-2-6
<b>Shock resistance</b>	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
<b>IP degree of protection</b>	IP65
<b>IK degree of protection</b>	IK06

## Packing Units

<b>Unit Type of Package 1</b>	PCE
<b>Number of Units in Package 1</b>	1
<b>Package 1 Height</b>	3.325 cm
<b>Package 1 Width</b>	4.291 cm
<b>Package 1 Length</b>	14.688 cm

<b>Package 1 Weight</b>	160 g
<b>Unit Type of Package 2</b>	S02
<b>Number of Units in Package 2</b>	54
<b>Package 2 Height</b>	15 cm
<b>Package 2 Width</b>	30 cm
<b>Package 2 Length</b>	40 cm
<b>Package 2 Weight</b>	8.94 kg
<b>Unit Type of Package 3</b>	PAL
<b>Number of Units in Package 3</b>	1080
<b>Package 3 Height</b>	60 cm
<b>Package 3 Width</b>	80 cm
<b>Package 3 Length</b>	90 cm
<b>Package 3 Weight</b>	178.092 kg

## Environmental Data

Schneider Electric bertujuan untuk mencapai status Net Zero pada tahun 2050 melalui kemitraan rantai pasokan, bahan baku yang lebih rendah, dan beredar melalui kampanye "Use Better, Use Longer, Use Again" untuk memperpanjang masa pakai dan daur ulang produk.

[Environmental Data dijelaskan >](#)

[Bagaimana kami menilai keberlanjutan produk >](#)

### Jejak lingkungan

[Environmental Disclosure](#)

[Product Environmental Profile](#)

## Use Better

### Bahan dan Pengemasan

Packaging made with recycled cardboard

No

Packaging without single use plastic

No

[EU RoHS Directive](#)

Pro-active compliance (Product out of EU RoHS legal scope)

REACH Regulation

[REACH Declaration](#)

## Use Again

### Repak dan remanufaktur


Circularity Profile

No need of specific recycling operations

Take-back

No

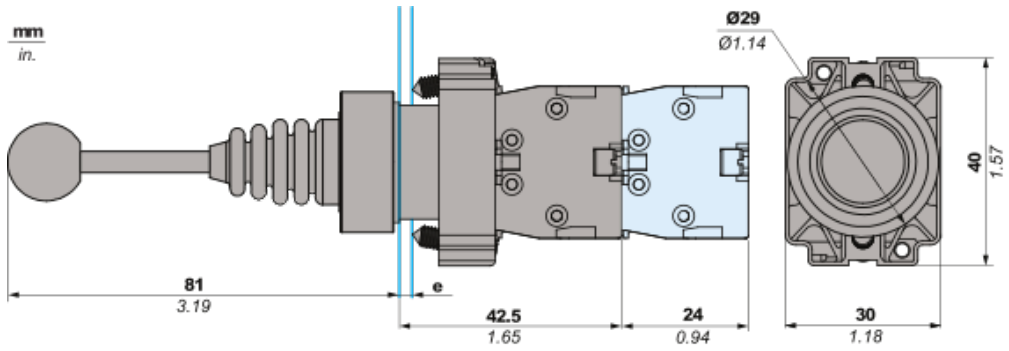
WEEE

 The product must be disposed on European Union markets following specific waste collection and never end up in rubbish bins

Dimensions Drawings

Dimensions

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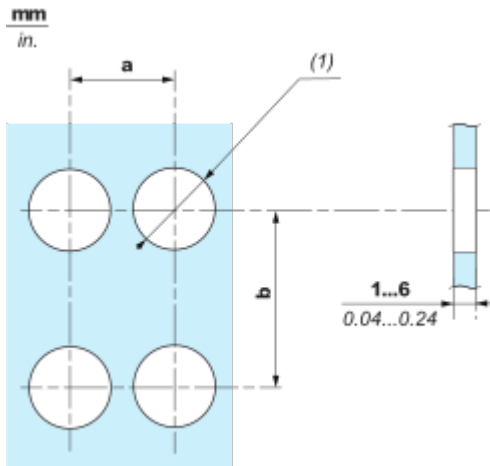
e: clamping thickness 1 to 6 mm / 0.04 to 0.24 in.

Mounting and Clearance

Mounting and Clearance

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Panel cut-out



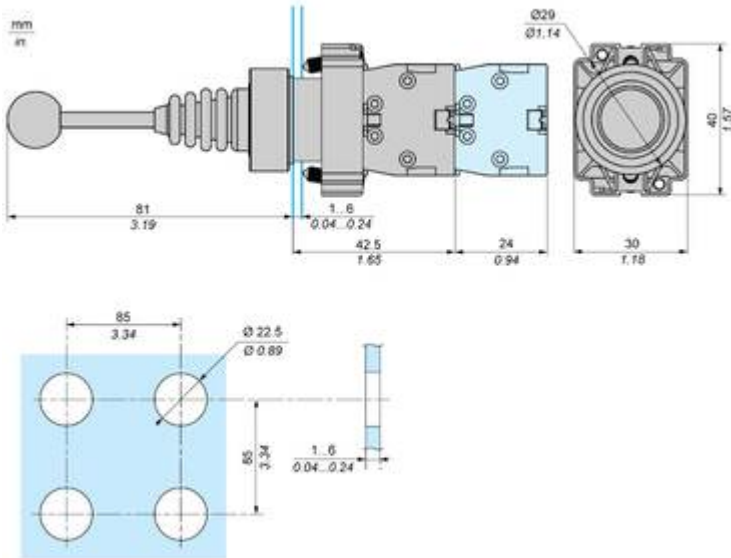
	Connection by Screw clamp terminals			
	a in mm	a in in.	b in mm	b in in.
XD2PA•2CR	85	3.34	30	1.18
XD2PA•4CR	85	3.34	85	3.34

(1) Ø 22.5 mm / 0.89 in. recommended (Ø 22.3 mm<sub>0</sub><sup>+0.4</sup> / 0.88 in. <sub>0</sub><sup>+0.016</sup>)

Technical Illustration

Dimensions

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Offer Marketing Illustration

Product benefits / Features

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### Features

#### Easy Harmony XB2

- Metal bezels with metal fixing collars for impact endurance**
- Designed to be used in numerous control and signaling applications**
- Metal screws for secure fix, grounding contact to the panel and anti-rotation**
- Simple modular design facilitates post installation servicing, modification and adaption of machines by non-specialists**
- Available in sub-assemblies for easy mix and match of functionalities**

Offer Marketing Illustration

Product benefits / Features

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**Features**  
Easy Harmony XB2



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Metal bezels with metal fixing collars for impact endurance
- 

Designed to be used in numerous control and signaling applications
- 

Metal screws for secure fix, grounding contact to the panel and anti-rotation
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Simple modular design facilitates post installation servicing, modification and adaptation of machines by non-specialists
- 

Available in sub-assemblies for easy mix and match of functionalities

Offer Marketing Illustration

Product benefits / Features

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## Technical Benefits

Easy Harmony XB2

Supports operating temperature from -25°C to +70°C

Excellent resistance to mechanical shock and vibration



Conforming to CE, CCC and ROHS standards

Up to IP65 protection ratings

Image of product / Alternate images

Alternative

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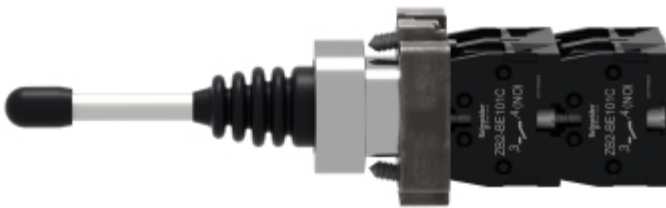
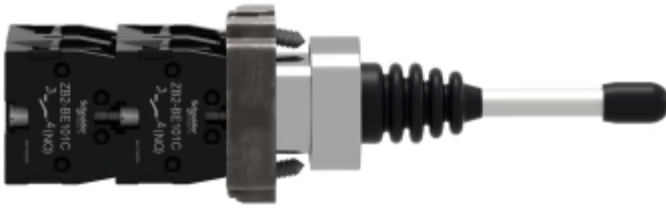




Image of product in real life situation

