

Product datasheet

Specifications



2 NO 4 positions momentary spring return wobble stick-Ø 22 mm - 6 A, 400 V

XD2PA24CR

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 Ø 4 mm screwdriver Slotted compatible with flat Ø 5.5 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	spring return
Height	30 mm

width	40 mm
Depth	147.5 mm
Net weight	0.145 kg
[Ie] rated operational current	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
Contacts type and composition	4 NO
Contacts material	Silver alloy (Ag/Ni)
Contact operation	Slow-break
Fixing collar material	Zamak
Shape of signaling unit head	Round
Terminals description ISO n°1	(13-14)NO (23-24)NO (33-34)NO (43-44)NO
Fixing mode	Fixing screw beneath head recommended torque: 0.8 N.m Fixing screw beneath head recommended torque: 1.0 N.m
Tightening torque	0.8...1.0 N.m
Device mounting	Fixing hole - diameter: 22.5 mm
[Ith] conventional free air thermal current	10 A conforming to IEC 60947-5-1
customizable	No
Type of operator	Spring return

Environment

Standards	GB/T 14048.5 IEC 60947-5-1 IEC 60947-5-4 GB/T 14048.1 IEC 60947-1
Product certifications	CCC CE
Protective treatment	TC/TH
Ambient air temperature for storage	-40...70 °C
Ambient air temperature for operation	-25...70 °C
Vibration resistance	5 gn (f= 2...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
IK degree of protection	IK06

Packing Units

Unit Type of Package 1	PCE
Number of Units in Package 1	1
Package 1 Height	3.378 cm
Package 1 Width	4.262 cm
Package 1 Length	14.738 cm

Package 1 Weight	151 g
Unit Type of Package 2	S02
Number of Units in Package 2	54
Package 2 Height	15 cm
Package 2 Width	30 cm
Package 2 Length	40 cm
Package 2 Weight	8.971 kg
Unit Type of Package 3	PAL
Number of Units in Package 3	1080
Package 3 Height	60 cm
Package 3 Width	80 cm
Package 3 Length	90 cm
Package 3 Weight	175.42 kg

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.

[How this information helps you >](#)

Environmental footprint

[Environmental Disclosure](#)

[Product Environmental Profile](#)

Use Better

Materials and Substances

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](#)

China RoHS Regulation

[China RoHS declaration](#)

Use Again

Repack and remanufacture

Circularity Profile

No need of specific recycling operations

WEEE



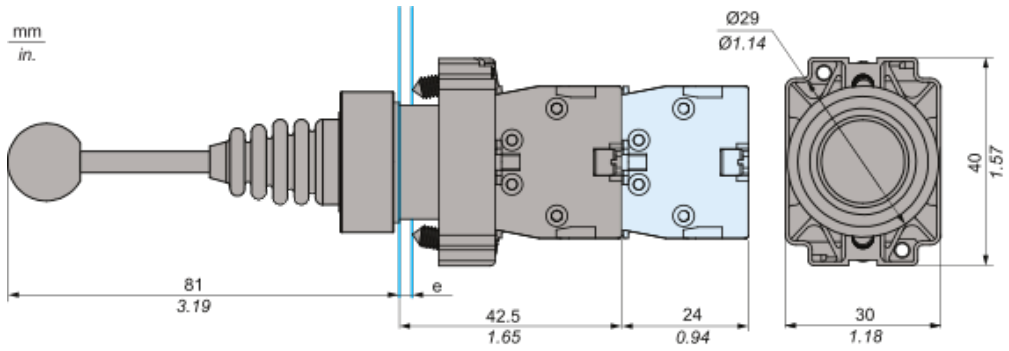
The product must be disposed on European Union markets following specific waste collection and never end up in rubbish bins

Take-back

No

Dimensions Drawings

Dimensions

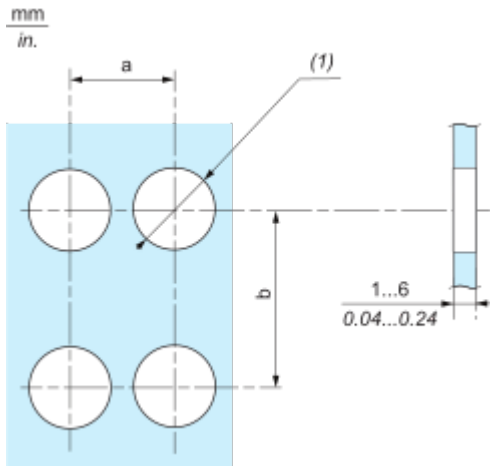


e: clamping thickness 1 to 6 mm / 0.04 to 0.24 in.

Mounting and Clearance

Mounting and Clearance

Panel cut-out

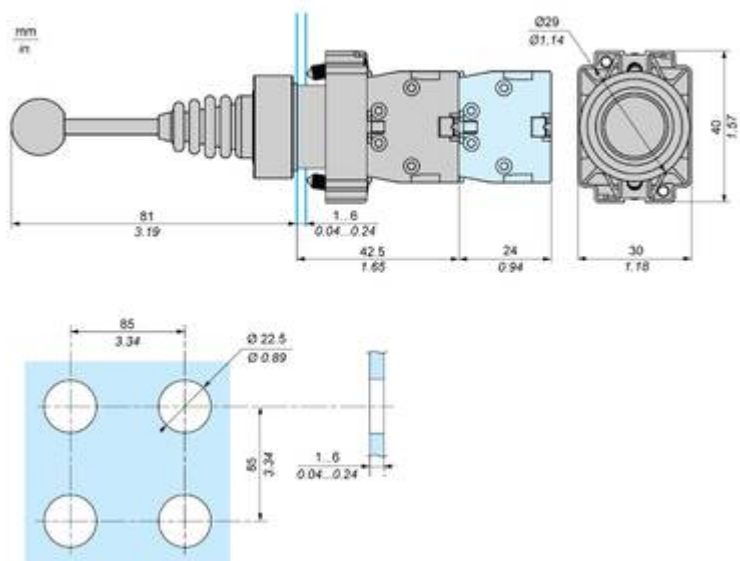


	Connection by Screw clamp terminals			
	a in mm	a in in.	b in mm	b in in.
XD2PA•2CR	85	3.34	30	1.18
XD2PA•4CR	85	3.34	85	3.34

(1) \varnothing 22.5 mm / 0.89 in. recommended (\varnothing 22.3 mm $^{+0.4}_0$ / 0.88 in. $^{+0.016}_0$)

Technical Illustration

Dimensions



Offer Marketing Illustration

Product benefits / Features

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 adaptation of machines by non-specialists
- 

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

Image of product / Alternate images

Alternative



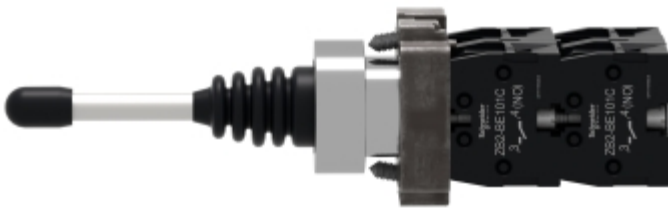
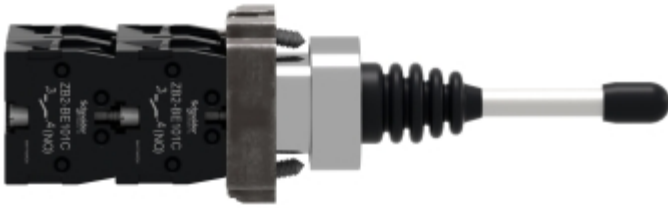




Image of product in real life situation

