Specifications



# Joystick controller, Easy Harmony XB2, plastic, 22mm, 4 directions, center spring return, 4NO

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

600 V (pollution degree 3) conforming to IEC 60947-1	
6 kV conforming to IEC 60947-1	
All positions	
4 directions	
4 NO for slow-break	
Standard contacts	
10 A gG (gl) gL fuse conforming to IEC 60947-5-1	
Screw clamp terminal, <= 2 x 1.5 mm <sup>2</sup> with and without cable ends Screw clamp terminal, <= 1 x 2.5 mm <sup>2</sup> with and without cable ends Screw clamp terminal, >= 1 x 0.5 mm <sup>2</sup> with and without cable ends Faston terminals, connection size: 6.3 mm	
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	
1000000 cycles, AC-15, 3 A at 240 V, operating rate <3600 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 cyc/h, load factor: 0.5 conforming to IEC 60947-5-1 appendix C	
$\Lambda$ < 10exp(-6) at 5 V and 1 mA in clean environment conforming to IEC 60947-5-4 $\Lambda$ < 10exp(-8) at 17 V and 5 mA in clean environment conforming to IEC 60947-5-4	
A600-Q600	
Class I conforming to IEC 60536	
1000000 cycles	
85 x 85 mm	
spring return	
30 mm	

Width	40 mm	
Depth	147.5 mm	
Net weight	0.145 kg	
[le] 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	0.81.0 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

GB/T 14048.5 IEC 60947-5-1 IEC 60947-5-4 GB/T 14048.1 IEC 60947-1	
CCC CE	
тслтн	
-4070 °C	
-2570 °C	
5 gn (f= 2500 Hz) conforming to IEC 60068-2-6	
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	
IP65	
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

B 1 4 111 1 1	
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

# L 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	
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Environmental Disclosure

Product Environmental Profile

#### **Use Better**

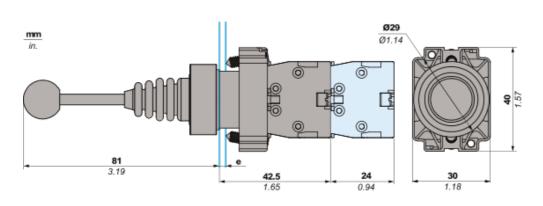
Packaging made with recycled cardboard	No
Packaging without single use plastic	No
EU RoHS Directive	Pro-active compliance (Product out of EU RoHS legal scope)
REACh Regulation	REACh Declaration

#### Use Again

${igle }$ Repack and remanufacture	
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

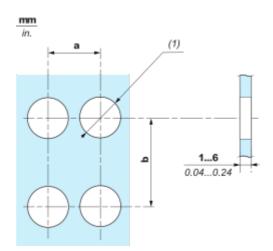


e: clamping thickness 1 to 6 mm / 0.04 to 0.24 in.

## Mounting and Clearance

#### Mounting and Clearance

#### Panel cut-out

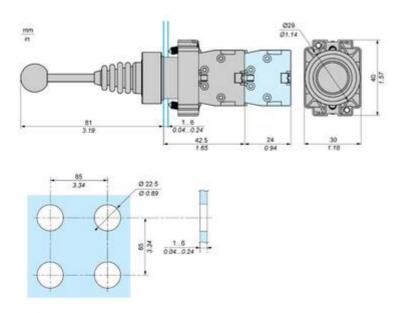


	Connection by Screw clamp terminals			
	a in mm	a in in.	b in mm	b in in.
XD2PA•2CR	85	3.34	30	1.18
XD2PA•4CR	85	3.34	85	3.34

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

## **Technical Illustration**

## Dimensions



## Offer Marketing Illustration

#### Product benefits / Features



Offer Marketing Illustration

#### **Product benefits / Features**



Image of product / Alternate images

### Alternative













Image of product in real life situation

