

Lembar data produk

Spesifikasi



Joystick controller, Easy Harmony XB2, plastic, 22mm, 2 directions, stay put, 2NO

XD2PA12CR

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	2 directions
Contacts type and composition	2 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

Width	40 mm
Depth	123.5 mm
Net weight	0.115 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	2 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
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	Stay put

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	3.245 cm
Package 1 Width	4.265 cm
Package 1 Length	12.26 cm
Package 1 Weight	130 g

Unit Type of Package 2	S02
Number of Units in Package 2	72
Package 2 Height	15 cm
Package 2 Width	30 cm
Package 2 Length	40 cm
Package 2 Weight	9.86 kg
Unit Type of Package 3	PAL
Number of Units in Package 3	1440
Package 3 Height	60 cm
Package 3 Width	80 cm
Package 3 Length	90 cm
Package 3 Weight	204.336 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

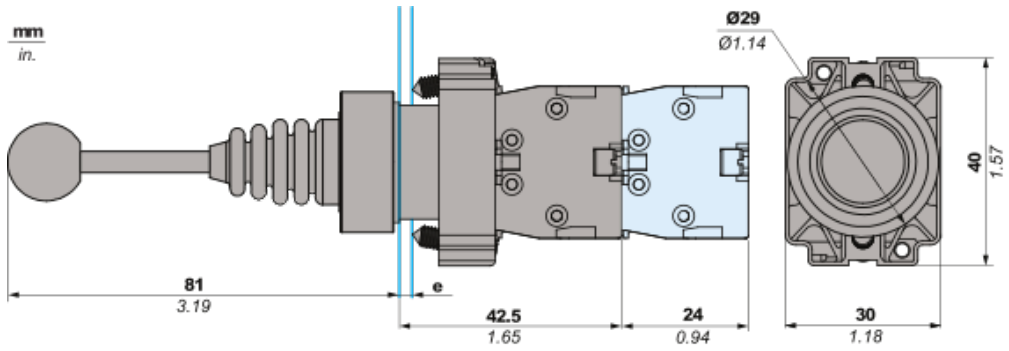
No

WEEE

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

Dimensions Drawings

Dimensions

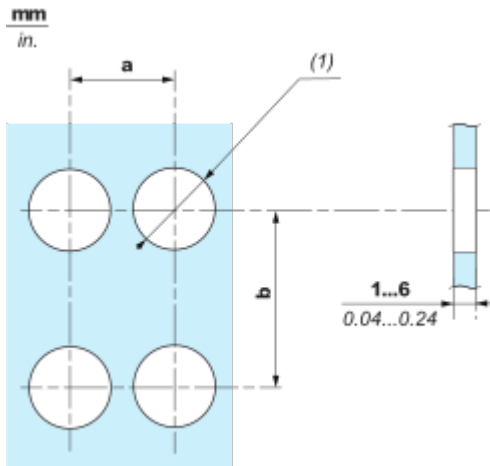


e: clamping thickness 1 to 6 mm / 0.04 to 0.24 in.

Mounting and Clearance

Mounting and Clearance

Panel cut-out

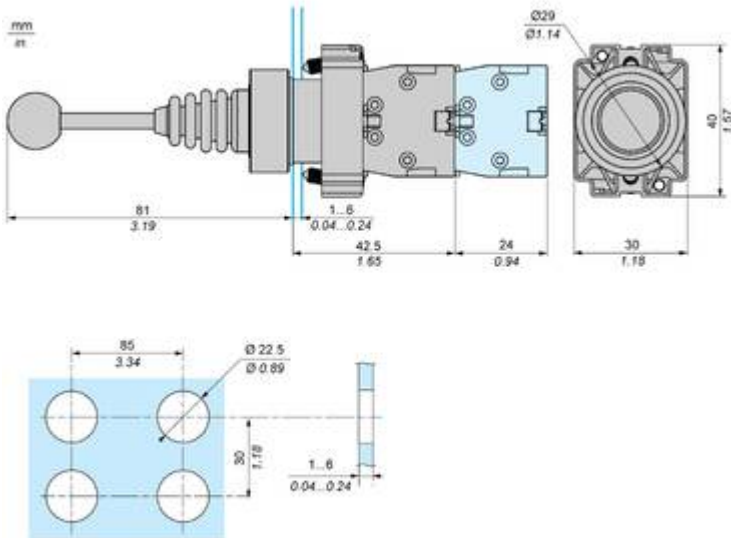


	Connection by Screw clamp terminals			
	a in mm	a in in.	b in mm	b in in.
XD2PA•2CR	85	3.34	30	1.18
XD2PA•4CR	85	3.34	85	3.34

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

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 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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Offer Marketing Illustration

Product benefits / Features

Technical Benefits

Easy Harmony XB2

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

Excellent resistance to mechanical shock and vibration



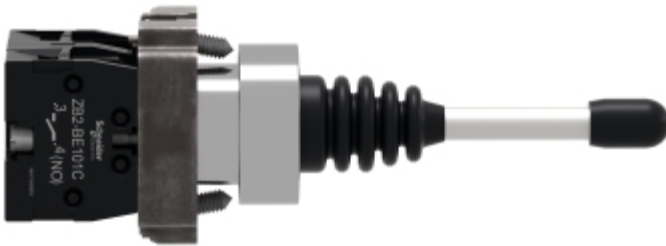
Conforming to CE, CCC and ROHS standards

Up to IP65 protection ratings

Image of product / Alternate images

Alternative





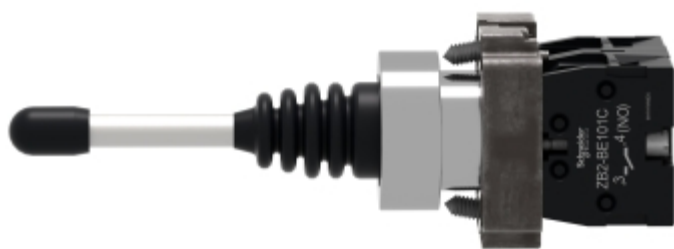


Image of product in real life situation

