# **Product datasheet**

Specification





Complete illuminated push button, Easy Harmony XA2, plastic, flush, blue, 22mm, spring return, 24V AC DC, 1NO

XA2EW36B1

## Main

Range Of Product	Easy Harmony XA2	
Product Or Component Type	Type Complete illuminated push-button	
Device Short Name	XA2	
Bezel Material	Plastic	
Mounting Diameter	22.5 mm	

# Complementary

1			
TC			
Any position			
>= 30 x 40 mm (panel) - thickness: 15 mm			
Fixing nut recommended torque: 2.2 N.m (Us +/- 10 %)			
Round			
spring return			
Blue flush			
1 NO			
Slow-break			
1500000 cycles			
Screw clamp terminals, clamping capacity: 2 x 1.5 mm <sup>2</sup> Screw clamp terminals, clamping capacity: 1 x 2.5 mm <sup>2</sup> Faston terminals, connection size: 6.3 mm Screw clamp terminals, clamping capacity: 1 x 0.5 mm <sup>2</sup>			
0.8 N.m			
10 A gL fuse conforming to IEC 60269-1			
10 A			
600 V conforming to IEC 60947-4-1			
6 kV conforming to IEC 60947-1			
0.27 A at 250 V, DC-13, Q600 3 A at 240 V, AC-15, A600			
500000 cycles, DC-13, 0.2 A at 110 V, operating rate <60 cyc/mn, load factor: 0.5 conforming to IEC 60947-5-4 500000 cycles, DC-13, 3 A at 230 V, operating rate <60 cyc/mn, load factor: 0.5 conforming to IEC 60947-5-4			
Steady			

Light Source	LED	
Bulb Base	BA 9s	
[Us] Rated Supply Voltage	24 V AC/DC 50/60 Hz	
Supply Voltage Limits	1926 V AC/DC	
Current Consumption	< 20 mA	
Service Life	10000 h	
Width	30 mm	
Height	42 mm	
Depth	74.5 mm	
Net Weight	0.056 kg	
Cap/Operator Or Lens Colour	Blue	
Type Of Operator	Spring return	
[Us] Rated Supply Voltage	24 V	

# **Environment**

Ambient Air Temperature For Storage	-4070 °C			
Ambient Air Temperature For Operation	-2555 °C			
Overvoltage Category	Class I conforming to IEC 536			
Ip Degree Of Protection	IP65			
Ik Degree Of Protection	IK03 conforming to IEC 60529			
Standards	IEC 60947-5-1 GB 14048.1 GB 14048.5 IEC 60947-1			
Product Certifications	CE CCC			
Vibration Resistance	10 gn (f= 40500 Hz) conforming to IEC 60068-2-6			
Shock Resistance	70 gn (duration = 11 ms) for half sine wave acceleration conforming to IEC 60068-2-27			

# **Packing Units**

Unit Type Of Package 1	PCE
Number Of Units In Package 1	1
Package 1 Height	6.000 cm
Package 1 Width	6.000 cm
Package 1 Length	9.000 cm
Package 1 Weight	55.000 g
Unit Type Of Package 2	BB1
Number Of Units In Package 2	5
Package 2 Height	5.000 cm
Package 2 Width	5.000 cm
Package 2 Length	15.000 cm
Package 2 Weight	280.000 g

Unit Type Of Package 3	S02
Number Of Units In Package 3	70
Package 3 Height	15.000 cm
Package 3 Width	30.000 cm
Package 3 Length	40.000 cm
Package 3 Weight	4.070 ka



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Guide to assess a product's sustainability >





Transparency RoHS/REACh

## Well-being performance

	Reach Free Of Svhc	
<b>⊘</b>	Mercury Free	
<b>⊘</b>	Rohs Exemption Information	Yes

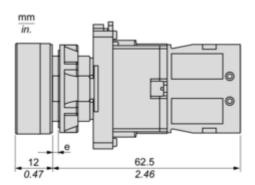
### **Certifications & Standards**

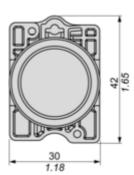
Reach Regulation	REACh Declaration
Eu Rohs Directive	Pro-active compliance (Product out of EU RoHS legal scope)  EU RoHS Declaration
China Rohs Regulation	China RoHS declaration
Environmental Disclosure	Product Environmental Profile
Weee	The product must be disposed on European Union markets following specific waste collection and never end up in rubbish bins
Circularity Profile	End of Life Information

# **XA2EW36B1**

## **Dimensions Drawings**

### **Dimensions**





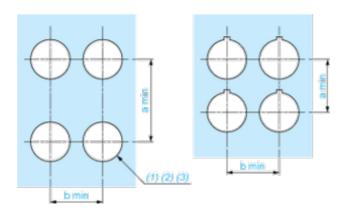
(e) Clamping thickness: 1 to 6 mm / 0.04 to 0.24 in.

### **XA2EW36B1**

### Mounting and Clearance

Panel Cut-out for Pushbuttons, Switches and Pilot Lights (Finished Holes, Ready for Installation)

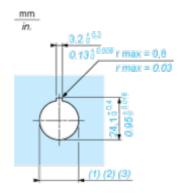
#### **Connection by Screw Clamp Terminals**



- (1) Diameter on finished panel or support
- (2) For selector switches and Emergency stop buttons, use of an anti-rotation plate type ZB5AZ902 is recommended.
- (3) Ø22.5 mm recommended (Ø22.3  $_0^{+0.4}$ ) / Ø0.89 in. recommended (Ø0.88 in.  $_0^{+0.016}$ )

Connections	a in mm	a in in.	b in mm	b in in.
By screw clamp terminals connector	40	1.57	30	1.18
By Faston connectors	45	1.77	32	1.26

### **Detail of Lug Recess**



- (1) Diameter on finished panel or support
- (2) For selector switches and Emergency stop buttons, use of an anti-rotation plate type ZB5AZ902 is recommended.
- (3) Ø22.5 mm recommended (Ø22.3  $_0^{+0.4}$ ) / Ø0.89 in. recommended (Ø0.88 in.  $_0^{+0.016}$ )