

Product data sheet

Characteristics

XA2EW33B1

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



Main

Range of product	Easy Harmony XA2
Product or component type	Complete illuminated push-button
Device short name	XA2
Bezel material	Plastic
Mounting diameter	22 mm

Complementary

Sale per indivisible quantity	1
Protective treatment	TC
Operating position	Any position
Fixing center	$\geq 30 \times 40$ mm (panel) - thickness: 1...5 mm
Fixing mode	Fixing nut recommended torque: 2.2 N.m (Us +/- 10 %)
Shape of signaling unit head	Round
Type of operator	Spring return
Operator profile	Green flush
Contacts type and composition	1 NO
Contact operation	Slow-break
Mechanical durability	1500000 cycles
Connections - terminals	Screw clamp terminals, clamping capacity: 2 x 1.5 mm ² Screw clamp terminals, clamping capacity: 1 x 2.5 mm ² Faston terminals, connection size: 6.3 mm Screw clamp terminals, clamping capacity: 1 x 0.5 mm ²
Tightening torque	0.8 N.m
Short-circuit protection	10 A gL fuse conforming to IEC 60269-1
[I _{th}] conventional free air thermal current	10 A
[U _i] rated insulation voltage	600 V conforming to IEC 60947-4-1
[U _{imp}] rated impulse withstand voltage	6 kV conforming to IEC 60947-1
[I _e] rated operational current	0.27 A at 250 V, DC-13, Q600 3 A at 240 V, AC-15, A600
Electrical durability	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
Signalling type	Steady
Light source	LED
Bulb base	BA 9s
[U _s] rated supply voltage	24 V AC/DC 50/60 Hz
Supply voltage limits	19...26 V AC/DC
Current consumption	< 20 mA

The information provided in this documentation contains general descriptions and/or technical characteristics of the performance of the products contained herein. This documentation is not intended as a substitute for and is not to be used for determining suitability or reliability of these products for specific user applications. It is the duty of any such user or integrator to perform the appropriate and complete risk analysis, evaluation and testing of the products with respect to the relevant specific application or use thereof. Neither Schneider Electric Industries SAS nor any of its affiliates or subsidiaries shall be responsible or liable for misuse of the information contained herein.

Service life	10000 h
Width	30 mm
Height	42 mm
Depth	74.5 mm
Product weight	0.056 kg

Environment

Ambient air temperature for storage	-40...70 °C
Ambient air temperature for operation	-25...55 °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 14048.5 GB 14048.1 IEC 60947-1
Product certifications	CE CCC
Vibration resistance	10 gn (f= 40...500 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

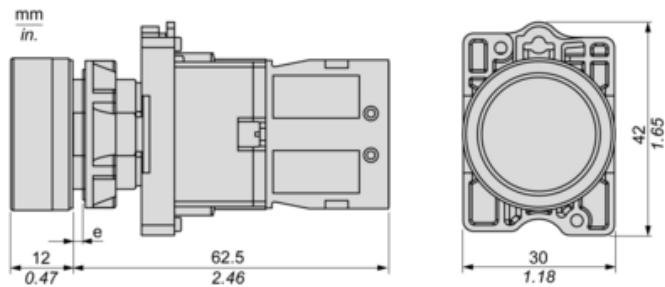
Packing Units

Unit Type of Package 1	PCE
Number of Units in Package 1	1
Package 1 Height	3.026 cm
Package 1 Width	4.2 cm
Package 1 Length	6.916 cm
Package 1 Weight	0.051 kg
Unit Type of Package 2	S02
Number of Units in Package 2	70
Package 2 Height	15 cm
Package 2 Width	30 cm
Package 2 Length	40 cm
Package 2 Weight	4.231 kg
Unit Type of Package 3	PAL
Number of Units in Package 3	1400
Package 3 Height	60 cm
Package 3 Width	80 cm
Package 3 Length	90 cm
Package 3 Weight	80206 g

Offer Sustainability

Sustainable offer status	Green Premium product
REACH Regulation	 REACH Declaration
REACH free of SVHC	Yes
EU RoHS Directive	Pro-active compliance (Product out of EU RoHS legal scope)  EU RoHS Declaration
Mercury free	Yes
RoHS exemption information	 Yes
China RoHS Regulation	 China RoHS Declaration
Environmental Disclosure	 Product Environmental Profile
Circularity Profile	 End Of Life Information
WEEE	The product must be disposed on European Union markets following specific waste collection and never end up in rubbish bins

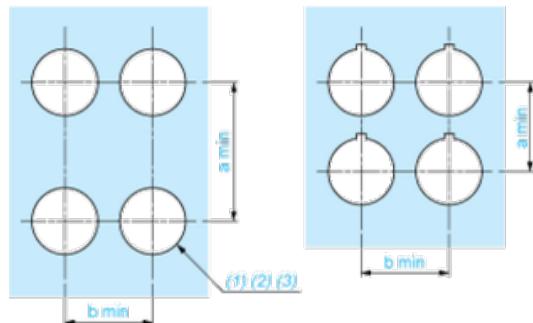
Dimensions



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

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

Connection by Screw Clamp Terminals



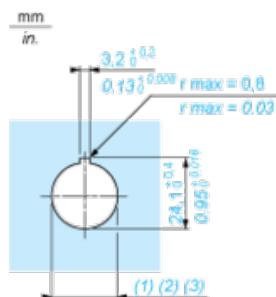
(1) Diameter on finished panel or support

(2) For selector switches and Emergency stop buttons, use of an anti-rotation plate type ZB5AZ902 is recommended.

(3) Ø22.5 mm recommended ($\text{Ø}22.3 \text{ mm}^{+0.4}$) / Ø0.89 in. recommended ($\text{Ø}0.88 \text{ in.}^{+0.016}$)

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

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