

## Main

Range of product	Easy Harmony XA2
Product or component type	Complete push-button
Device short name	XA2
Bezel material	Plastic
Fixing collar material	Plastic

## Complementary

Mounting diameter	22 Mm
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: 2...2.4 N.m
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 terminal, $\leq 2 \times 1.5$ mm <sup>2</sup> Screw clamp terminal, $\leq 1 \times 2.5$ mm <sup>2</sup> Screw clamp terminal, $\geq 1 \times 0.5$ mm <sup>2</sup> Faston terminals, connection size: 6.3 mm
Tightening torque	0.8 N.M
Short-circuit protection	10 A gL fuse conforming to IEC 60269-1
[Ith] conventional free air thermal current	10 A
[Ui] rated insulation voltage	600 V conforming to IEC 60947-1
[Uimp] rated impulse withstand voltage	6 KV conforming to IEC 60947-1
[Ie] rated operational current	3 A at 240 V, AC-15, A600 0.27 A at 250 V, DC-13, Q600
Electrical durability	500000 Cycles, AC-15, 3 A at 230 V, operating rate $<60$ cyc/mn, load factor: 0.5 conforming to EN/IEC 60947-5-4 500000 Cycles, DC-13, 0.2 A at 110 V, operating rate $<60$ cyc/mn, load factor: 0.5
Electrical reliability	$\Lambda < 10\text{exp}(-8)$ at 24 V
Width	30 Mm

Height	42 Mm
Depth	54.7 Mm
Net weight	0.032 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 conforming to IEC 60529
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	CCC CE
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

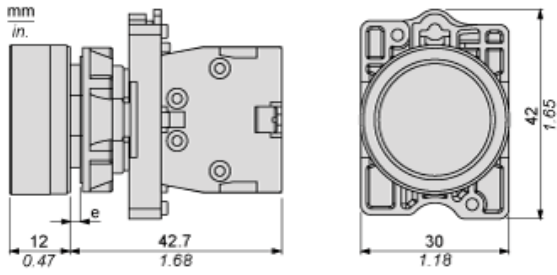
## Packing Units

Unit Type of Package 1	PCE
Number of Units in Package 1	1
Package 1 Weight	32 G
Package 1 Height	3 Cm
Package 1 width	3 Cm
Package 1 Length	6.5 Cm
Unit Type of Package 2	BB2
Number of Units in Package 2	10
Package 2 Weight	325 G
Package 2 Height	9 Cm
Package 2 width	11.5 Cm
Package 2 Length	14.5 Cm
Unit Type of Package 3	S02
Number of Units in Package 3	100
Package 3 Weight	3.568 Kg
Package 3 Height	15 Cm
Package 3 width	30 Cm
Package 3 Length	40 Cm

## Offer Sustainability

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

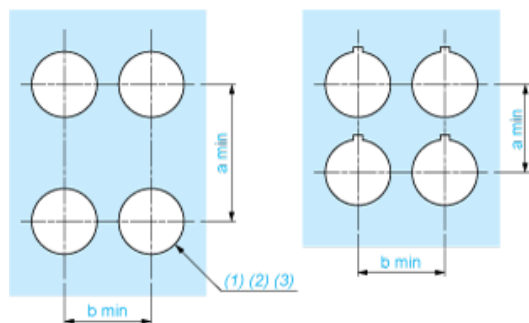
Dimensions



(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)

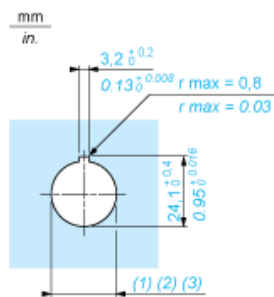
Connection by Screw Clamp Terminals or Plug-in Connectors or on Printed Circuit Board



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

Connections	a in mm	a in in.	b in mm	b in in.
By screw clamp terminals or plug-in connector	40	1.57	30	1.18
By Faston connectors	45	1.77	32	1.26
On printed circuit board	30	1.18	30	1.18

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

Product Life Status : **Commercialised**