Product datasheet Characteristics

XA2EA31

round Green push-button Ø 22 - flush spring return - 1NO





Main

		\overline{a}
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	>= 30 x 40 mm (panel) - thickness: 15 mm	
Fixing mode	Fixing nut: 22.4 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, <= 2 x 1.5 mm ² Screw clamp terminal, <= 1 x 2.5 mm ² Screw clamp terminal, >= 1 x 0.5 mm ² 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	
[lth] conventional free air thermal current	10 A	

[Ui] rated insulation voltage	600 V conforming to IEC 60947-1
[Uimp] rated impulse withstand voltage	IEC 60947-1 6 kV
[le] 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	Λ < 10exp(-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	-4070 °C	
Ambient air temperature for operation	-2555 °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= 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

Package 1 Weight	43.000 g	
Package 1 Height	40.000 mm	
Package 1 width	110.000 mm	
Package 1 Length	160.000 mm	

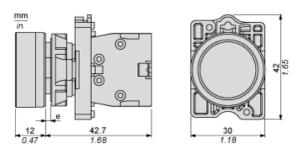
Offer Sustainability

Office Gustamability		
Sustainable offer status	Green Premium product	
REACh Regulation	Regulation REACh Declaration	
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	

Product datasheet Dimensions Drawings

XA2EA31

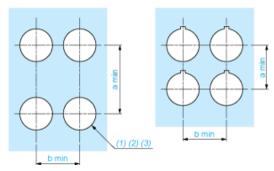
Dimensions



(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)

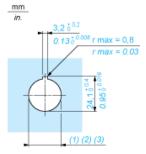
Connection by Screw Clamp Terminals or Plug-in Connectors or on Printed Circuit Board



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

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



- Diameter on finished panel or support
- For selector switches and Emergency stop buttons, use of an anti-rotation plate type ZB5AZ902 is recommended. \emptyset 22.5 mm recommended (\emptyset 22.3 $_0$ $^{+0.4}$) / \emptyset 0.89 in. recommended (\emptyset 0.88 in. $_0$ $^{+0.016}$)
- (1) (2) (3)