

XA2EC21

Complete push button, Easy Harmony XA2, plastic, black mushroom head 40mm, 22mm, 1NO



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 diamete	22.5 mm
Sale per indivisible quantity	1
Protective treatment	TC
Operating position	Any position
Device mounting	Fixing hole
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	Black mushroom Ø 40 mm
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 ² Screw clamp terminal, $\leq 1 \times 2.5$ mm ² Screw clamp terminal, $\geq 1 \times 0.5$ 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
[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 IEC 60947-5-4 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
Electrical reliability	$\Lambda < 10\exp(-8)$ at 24 V
Width	42 mm
Height	30 mm
Depth	74.2 mm
Net weight	0.052 kg
Cap/operator or lens colour	Black
Type of operator	Spring return

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	GB 14048.5 GB 14048.1 IEC 60947-1 IEC 60947-5-1
Product certifications	CE[RETURN]CCC
Vibration resistance	10 gn (f= 40...500 Hz) conforming to IEC 60068-2-6
Shock resistance	15 gn (duration = 11 ms) for half sine wave acceleration conforming to IEC 60068-2-27

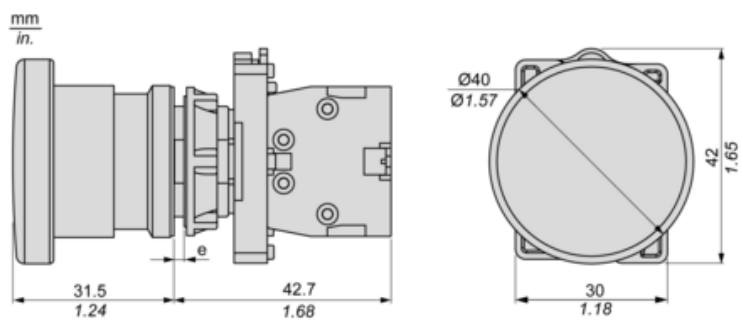
Packing Units

Unit Type of Package 1	PCE
Number of Units in Package 1	1
Package 1 Height	11 cm
Package 1 Width	16 cm
Package 1 Length	4 cm
Package 1 Weight	66 g
Unit Type of Package 2	CAR
Number of Units in Package 2	70
Package 2 Height	30 cm
Package 2 Width	40 cm
Package 2 Length	15 cm
Package 2 Weight	4.67 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	92.6 kg

Offer Sustainability

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
China RoHS Regulation	 China RoHS Declaration
RoHS exemption information	 Yes
WEEE	The product must be disposed on European Union markets following specific waste collection and never end up in rubbish bins
California proposition 65	WARNING: This product can expose you to chemicals including: Lead and lead compounds, which is known to the State of California to cause cancer and birth defects or other reproductive harm. For more information go to www.P65Warnings.ca.gov

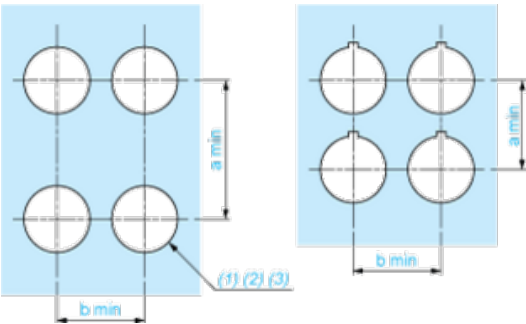
Dimensions



(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)

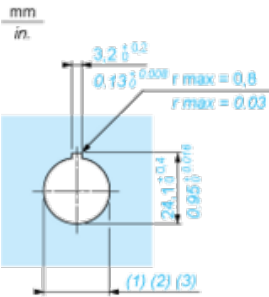
Connection by Screw Clamp Terminals



- (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 ($\text{Ø}22.3_0^{+0.4}$) / Ø0.89 in. recommended ($\text{Ø}0.88 \text{ in. }_0^{+0.016}$)

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 ($\text{Ø}22.3_0^{+0.4}$) / Ø0.89 in. recommended ($\text{Ø}0.88 \text{ in. }_0^{+0.016}$)