Product data sheet

Specifications



Complete selector switch, Easy Harmony XA2, plastic, black, 22mm, 2 positions, stay put, 1NO

XA2ED21

Main

Range of product	Easy Harmony XA2
Product or component type	Complete selector switch
Device short name	XA2
Bezel material	Plastic
Mounting diameter	22 mm

Complementary

Sale per indivisible quantity	1
Fixing center	>= 30 x 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	stay put
Operator profile	Black standard handle
Operator position information	2 positions
Contacts type and composition	1 NO
Contact operation	Slow-break
Mechanical durability	300000 cycles
Connections - terminals	, clamping capacity: <= 2 x 1.5 mm² , clamping capacity: <= 1 x 2.5 mm² , clamping capacity: >= 1 x 0.5 mm² Faston terminals, connection size: 6.3 mm
Tightening torque	0.8 N.m
Short-circuit protection	10 A fuse type gL conforming to IEC 60269-1
[Ith] conventional free air thermal current	10 A (screw-clamp terminals)
[Ui] rated insulation voltage	600 V conforming to EN 60947-1
[Uimp] rated impulse withstand voltage	6 kV conforming to EN 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

Disclaimer: 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

Electrical reliability	Λ < 10exp(-8) at 24 V
Width	30 mm
Height	42 mm
Depth	68.2 mm
Net weight	0.04 kg

Environment

Protective treatment	TC
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	IK06 conforming to IEC 60529
Standards	GB 14048.1 IEC 60947-1 GB 14048.5 IEC 60947-5-1
Product certifications	CCC CE
Vibration resistance	10 gn (f= 40…500 Hz) conforming to IEC 60068-2-6
Shock resistance	120 gn (duration = 11 ms) for half sine wave acceleration conforming to IEC 60068-2-27

Packing Units

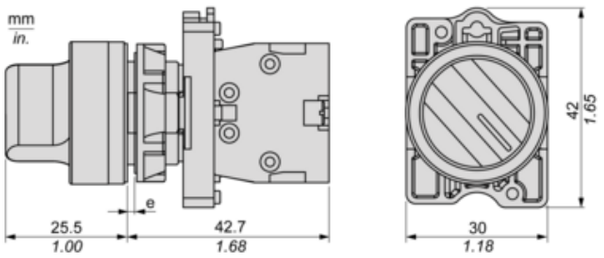
Unit Type of Package 1	PCE
Number of Units in Package 1	1
Package 1 Height	3.300 cm
Package 1 Width	3.300 cm
Package 1 Length	6.350 cm
Package 1 Weight	40.000 g
Unit Type of Package 2	BB1
Number of Units in Package 2	5
Package 2 Height	7.800 cm
Package 2 Width	18.500 cm
Package 2 Length	18.400 cm
Package 2 Weight	470.000 g
Unit Type of Package 3	BB2
Number of Units in Package 3	5
Package 3 Height	7.800 cm
Package 3 Width	18.500 cm
Package 3 Length	18.400 cm
Package 3 Weight	470.000 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
China RoHS Regulation	China RoHS declaration
RoHS exemption information	Yes
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
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

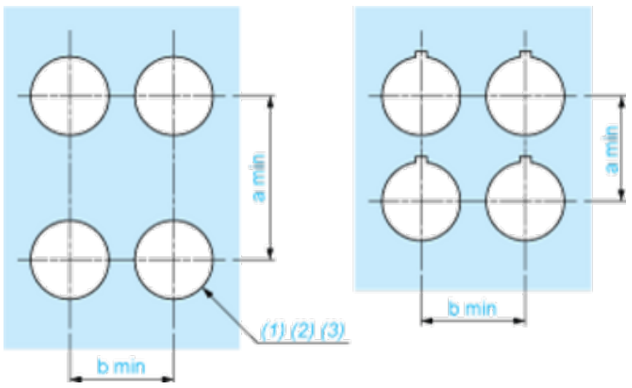
Dimensions



(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



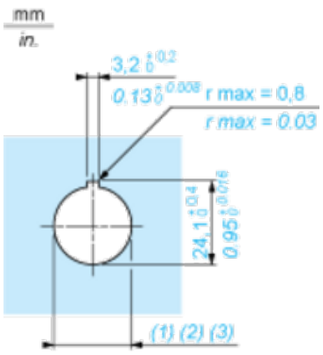
(1) Diameter on finished panel or support

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

(3) Ø22.5 mm recommended (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. $_{0}^{+0.016}$)

Recommended replacement(s)