Product datasheet

Specification





selector switch - Ø22 - standard handle - 2 positions - 1NO

XA2ED21

Main

Range Of Product	Easy Harmony XA2
Product Or Component Type	Complete selector switch
Device Short Name	XA2
Bezel Material	Plastic
Mounting Diamete	22.5 mm

Complementary

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Sale Per Indivisible Quantity	1		
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	stay put		
Operator Profile	Black standard handle		
Operator Position Information	2 positions 90°		
Contacts Type And Composition	1 NO		
Contact Operation	Slow-break		
Mechanical Durability	300000 cycles		
Connections - Terminals	, clamping capacity: <= 2 x 1.5 mm ² , clamping capacity: <= 1 x 2.5 mm ² , clamping capacity: >= 1 x 0.5 mm ² 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 IEC 60947-1		
[Uimp] Rated Impulse Withstand Voltage	6 kV conforming to IEC 60947-1		
[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 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	Λ < 10exp(-8) at 24 V		
Width	30 mm		

Height	42 mm
Depth	68.2 mm
Net Weight	0.04 kg
Type Of Operator	Stay put
Operator Profile	Standard handle
Head Type	Standard
Cap/Operator Or Lens Colour	Black

Environment

Protective Treatment	TC			
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	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= 40500 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	S02
Number Of Units In Package 3	100
Package 3 Height	15.000 cm
Package 3 Width	30.000 cm
Package 3 Length	40.000 cm

Package 3 Weight

4.338 kg



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Guide to assessing product sustainability is a white paper that clarifies global eco-label standards and how to interpret environmental declarations.

Learn more about Green Premium >

Guide to assess a product's sustainability >





Transparency RoHS/REACh

Well-being performance

⊘	Reach Free Of Svhc	
⊘	Mercury Free	
⊘	Rohs Exemption Information	Yes

Certifications & Standards

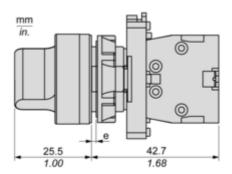
Reach Regulation	REACh Declaration
Eu Rohs Directive	Pro-active compliance (Product out of EU RoHS legal scope) EU RoHS Declaration
China Rohs Regulation	China RoHS declaration
Environmental Disclosure	Product Environmental Profile
Weee	The product must be disposed on European Union markets following specific waste collection and never end up in rubbish bins
Circularity Profile	End of Life Information

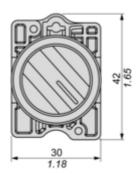
14 Jun 2024

XA2ED21

Dimensions Drawings

Dimensions





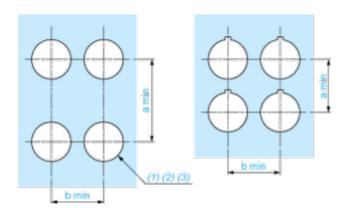
(e) Clamping thickness: 1 to 6 mm / 0.04 to 0.24 in.

XA2ED21

Mounting and Clearance

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

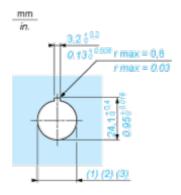
Connection by Screw Clamp Terminals



- (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. $_0^{+0.016}$)