■ AJ4 Series Technical parameter

Performance parameter								
Contact material	Silver nickel oxide							
Contact Resistance(Initial value)	≤50mΩ							
Insulation impedance	≥100MΩ (500VDC)							
Withstand voltage Between contacts with the same pole break: 1000VAC 50Hz 1min; Contact and shell: 1000VAC 50Hz 1 Between contact and lamp terminal: 500VAC 50Hz 1min;								
Degree of Protection	Button: IP67(front panel)							
Motion stroke	The connection is about 1mm, and the total stroke is about 2.5mm							
Operating pressure	≤5N							
Mounting panel thickness	6mm							
Nut torque	5 ~10N.m							
Operating temperature	-25°C~55°C (no icing)							
Working humidity	45%~85%(no condensation)							
Mechanical Life	Self-replicating type: 1 million times;							
Electrical Life	Self-replicating type: 200,000 times;							
Vibration Resistance	50Hz, amplitude 1.5mm							
Soldering Temperature	260°C±5°C 5S							

LED lighting									
Lamp Type	Bidirectional LED lamp beads, no need to distinguish between positive and negative poles								
Rated Voltage	A:6VDC、B:12VDC、C:24VDC、D:110VAC、E:220VAC								
Rated Current	About 15mA								
Colour and number	R:Red、G:Green、B:Blue、W:White、Y:Yellow、O:orange								
Life	40000H(reference value)								
Depressurization mode	Built-in resistance (AJ316 resistance external)								

Contact Ratings								
Rated insulation voltage 250VAC								
Heating cur	rent Ith	5A (temperature does not exceed the maximum rated current allowed						
Rated volta	ge	24VDC	110VAC	220VAC				
Rated	AC-15	2A	1.0A	0.5A				
current	DC-12	0.3A	0.2A	0.1A				

^{**} Applicable load (reference value) =5VAC/DC 5mA(available range depends on service conditions and load type)

Terminal style									
1NO	1NO(With LED)								
8	S Lang language Langu								

AJ4 Button switch

Install size 12:12mm 16:16mm 19:19mm 22:22mm

- 2 T I R 10 C P

Category Form Function Color Contact type Color
D Tall head 1:Monentary Red 10:1N0 A 46V P: Welded type S12V S: Screw type V: Cricular head type N: Mushroom head With lamp A: Circular arc head with lamp A: Orange V: Cricular arc head with lamp A: Circular arc h

■ Specification (AJ412 Series)

Appearance	Shape of top	Operation	Contact type	Installation mode	Model	Color	Voltage	Dimensions
	Cambered circle	Monentary		Welded type	AJ412-2Y1□10P	Please code with the following colorsReplace the "□" in the model		70.2 7.2 5 912.2
	diameter is Ф12mm	ĺ	1NO	Screw type	AJ412-2Y1□10S	G: green● B: blue●		M ¹ 2×1

■ Specification (AJ416 Series)

Appearance	Shape of top		Contact turn	Installation	Model	Color	Voltage	Dimensions						
Appearance	Flat head			Welded type		COIOI	voitage	21.7 Ø11.6 2 18.5 M 6x1						
	type Φ16mm	Monentary	, Tonentary	Screw type	AJ416-2T1N10S			21.8 21.8 21.8 21.8 21.8 21.8						
	High head	Monentary	1NO	Welded type	AJ416-2D1N10P			21.7 Ø11.6 70.2 M 6x1						
	type Φ16mm			Screw type	AJ416-2D1N10S			21.7 Ø11.6 23.5 M16x1						
	Circular head	^J Monentary	1NO	Welded type	AJ416-2Y1N10P			21.7 Ø11.6 32 M 6x1						
	type Φ16mm											Screw type	AJ416-2Y1N10S	
(0)	Flat head type with lamp Ф16mm				AJ416-2P1□10▲P	Please code with the following colorsReplace the "□" in the model	Please code with the following colorsReplace the "▲" in the model	21.7 Ø11.6 Ø1.7 2 23 M 6x1						
	High head with lamp Φ16mm	Monentary	1NO	Welded type	AJ416-2G1□10▲P	R: red ● G: green ● B: blue ● W: white ○	A: 6VDC B: 12VDC C: 24VDC D: 110VAC	011.6 3 20.7 09.9 M 6x1						
	Arc head type with lamp Ф16mm				AJ416–2M1□10▲P	Y: yellow	E: 220VAC	22.7 Ø11.6 22 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2						

■ Specification (AJ419 Series)

Appearance	Shape of top	Operation	Contact type	Installation mode	Model	Color	Voltage	Dimen											
	Flat head	Managhan	Monentary	Monantan			Managhan	1NO	Welded type	AJ419-2T1N10P			22 Ø15	26.8 17.6 17.6 M ₁ 9x1					
	type Φ19mm	Honendary	TNO	Screw type	AJ419-2T1N10S			25,2 Ø15	26 17.6 0 M19x1										
	_ High head	Monentary	Monentary	Monentary	1.00	Welded type	AJ419-2D1N10P			25,2	26.8 17.6 M 19x1								
	type Φ19mm				опен са гу	onental y	monentaly	monentaly	- Honendar	- inonental y	y 1NO	Screw type	AJ419-2D1N10S			25.2 015	26 17.6 0 M19x1		
	Circular head	Monentary	Monentary	Monentary	Monentary	Monentary	Monentary	Monentary	Monentary	Monentary	Monentary 1NO	Monontary	1110	Welded type	AJ419-2Y1N10P			25 2 Ø15	26.8 17.6 17.6 17.6 19.1
	type Φ19mm											1140	Screw type	AJ419-2Y1N10S		22 Ø15	26 17.6 0 0 M19x1		
0	Flat head type with lamp Ф19mm				AJ419-2P1□10▲P	Please code with the following colorsReplace the "□" in the model	Please code with the following colorsReplace the "A" in the model	22 Ø15.3	18.6 17 17 18.6 17 18.6 19.7 19.7 19.7 19.7 19.7 19.7 19.7 19.7										
	High head with lamp Ф19mm	Monentary	Monentary	Monentary	Monentary	Monentary	Monentary	Monentary	Monentary	Monentary	Monentary	1NO	Welded type	AJ419-2G1□10▲P	R: red ● G: green ● B: blue ● W: white ○	A: 6VDC B: 12VDC C: 24VDC D: 110VAC	22 Ø15.3	22.7 18.6 17 17 17 18.6 17 17 18.6 17 17	
	Arc head type with lamp Φ19mm				AJ419-2M1□10▲P	Y: yellow • A: orange •	E: 220VAC	22 Ø15.3	22.7 1.7 1.7 1.7 1.7 1.7 1.7 1.7 1.7 1.7										

^{**} ① The light bead colors are R: red, G: green, B: blue, W: white, Y: yellow, and A: orange, and the listed codes can be used to replace the "□" in the model as needed;
② The lamp bead voltages are A: 6/AC/DC, B: 12/AC/DC, C: 24/AC/DC, D: 110/AC/DC, and E: 220/AC/DC, respectively. The listed codes can be used to replace the "▲" in the models as needed. For more specifications, please request the "Technical Specification" from the business department.

AJ4 Button switch

■ Specification(AJ422 Series)

Appearance	Shape of top	Operation	Contact typ	Installation mode	Model	Color	Voltage	Dimensions							
	Flat head			Welded type	AJ422-2T1N10P			015 126.8 717.5 128.8 126.8 127.5 128.8 12							
	type Φ22mm	Monentary	1NO	Screw type	AJ422-2T1N10S			24.85 12.5							
	High head	l Monentary		Welded type	AJ422-2D1N10P			Ø15 XZZZZZZZZZZZZZZZZZZZZZZZZZZZZZZZZZZZZ							
	type Φ22mm		1NO	Screw type	AJ422-2D1N10S			24.85 25.9 17.8 21.0 21.0 21.0 25.9 25.9 25.9 25.9 25.9 25.0							
	Circular head	Monentary	1NO	Welded type	AJ422-2Y1N10P		Ø15 220.4 220.1 220.1								
	type Φ22mm	³ Monentary	, 1140	Screw type	AJ422-2Y1N10S			24.85 17.89 17							
	Flat head type with lamp Ф22mm	Monentary										AJ422-2P1□10▲P	Please code with the following colorsReplace the "□" in	the following colorsReplace the "▲" in	24.85 27.45 11.7 11.7 27.8
	High head with lamp Ф22mm		1NO	O Welded type	AJ422-2G1□10▲P	R: red ● G: green ● B: blue ●	A: 6VDC B: 12VDC C: 24VDC	24.85 11.7 11.7 11.7 11.7 11.7 11.7 11.7 11.7 11.7 12.8 12.8 13.7 14.7 15.8 16.7 17.7							
6	Arc head type with lamp Ф22mm				AJ422-2M1□10▲P	W: white○ Y: yellow○ A: orange●	D: 110VAC E: 220VAC	24.85 27.45 19.3 1.7 1.7 21.45 1.7 21.45 1.7 21.45 1.7 21.45							

^{**} ① The light bead colors are R: red, G: green, B: blue, W: white, Y: yellow, and A: orange, and the listed codes can be used to replace the "□" in the model as needed;
② The lamp bead voltages are A: 6VAC/DC, B: 12VAC/DC, C: 24VAC/DC, D: 110VAC/DC, and E: 220VAC/DC, respectively. The listed codes can be used to replace the "▲" in the models as needed. For more specifications, please request the "Technical Specification" from the business department.