

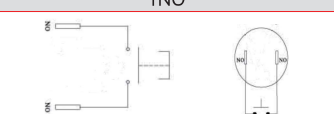

■ AJ4 Series Technical parameter

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 1min; 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 current Ith	5A (temperature does not exceed the maximum rated current allowed)			
Rated voltage	24VDC	110VAC	220VAC	
Rated current	AC-15	2A	1.0A	0.5A
	DC-12	0.3A	0.2A	0.1A


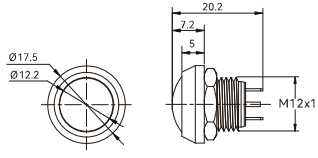

* Applicable load (reference value) =5VAC/DC 5mA(available range depends on service conditions and load type)

Terminal style			
1NO	1NO(With LED)	---	---
			


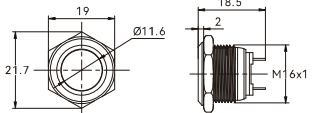

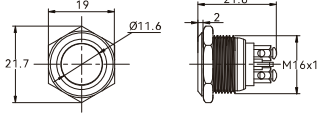

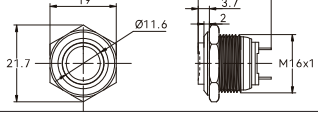

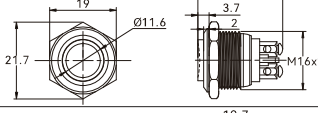
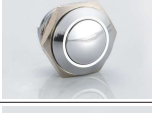
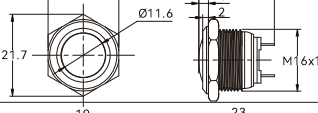
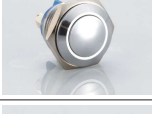
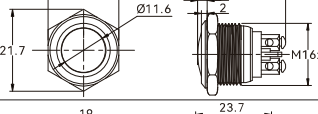

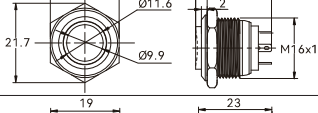

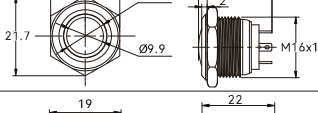

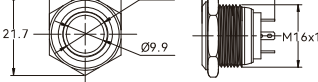
AJ4 Button switch

AJ4	16	-	2	T	1	R	10	C	P
series	Install size 12:12mm 16:16mm 19:19mm 22:22mm	Category 2: Button switch	Form T: Flat head D: Tall head Y: circular head type N: Mushroom head P: Flat head with lamp G: High head with lamp A: Circular arc head with lamp	Function 1: Monentary	Color R: Red G: Green Y: Yellow B: Blue W: White A: Orange	Contact type 10: 1NO	Color A: 6V B: 12V C: 24V D: 110V E: 220V	Voltage P: Welded type S: Screw type	


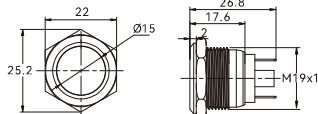

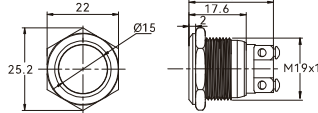

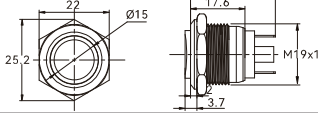

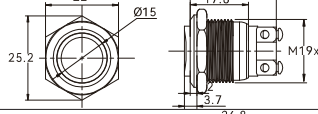

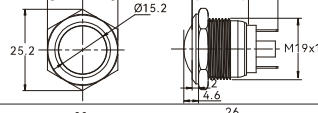

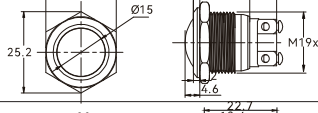

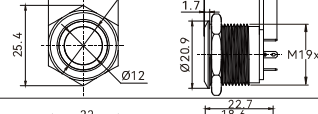

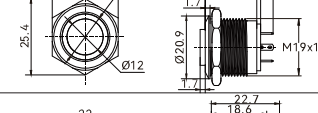

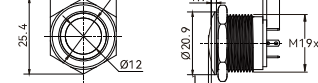
■ Specification (AJ412 Series)

Appearance	Shape of top	Operation	Contact type	Installation mode	Model	Color	Voltage	Dimensions
	Cambered circle diameter is $\Phi 12\text{mm}$	Monentary	1NO	Welded type	AJ412-2Y1□10P	Please code with the following colors Replace the "□" in the model R: red ● G: green ● B: blue ● W: white ○ Y: yellow ● A: orange ●	---	
				Screw type	AJ412-2Y1□10S			

■ Specification (AJ416 Series)

Appearance	Shape of top	Operation	Contact type	Installation mode	Model	Color	Voltage	Dimensions
	Flat head type $\Phi 16\text{mm}$	Monentary	1NO	Welded type	AJ416-2T1N10P	---	---	
				Screw type	AJ416-2T1N10S			
	High head type $\Phi 16\text{mm}$	Monentary	1NO	Welded type	AJ416-2D1N10P	---	---	
				Screw type	AJ416-2D1N10S			
	Circular head type $\Phi 16\text{mm}$	Monentary	1NO	Welded type	AJ416-2Y1N10P	---	---	
				Screw type	AJ416-2Y1N10S			
	Flat head type with lamp $\Phi 16\text{mm}$	Monentary	1NO	Welded type	AJ416-2P1□10▲P	Please code with the following colors Replace the "□" in the model R: red ● G: green ● B: blue ● W: white ○ Y: yellow ● A: orange ●	Please code with the following colors Replace the "▲" in the model A: 6VDC B: 12VDC C: 24VDC D: 110VAC E: 220VAC	
	High head with lamp $\Phi 16\text{mm}$				AJ416-2G1□10▲P			
	Arc head type with lamp $\Phi 16\text{mm}$				AJ416-2M1□10▲P			


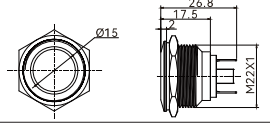

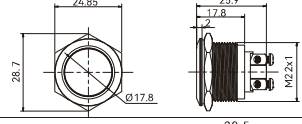

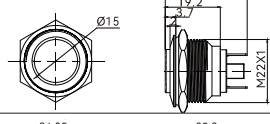

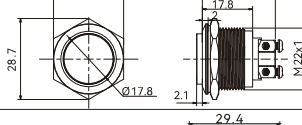

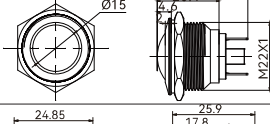

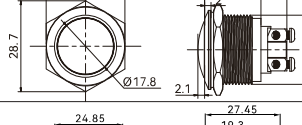

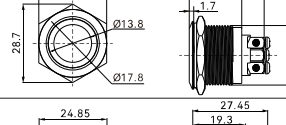

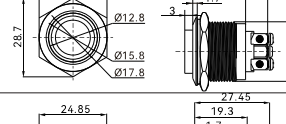

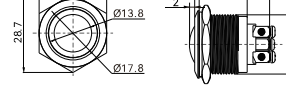
■ Specification (AJ419 Series)

Appearance	Shape of top	Operation	Contact type	Installation mode	Model	Color	Voltage	Dimensions
	Flat head type Φ19mm	Momentary	1NO	Welded type	AJ419-2T1N10P	---	---	
				Screw type	AJ419-2T1N10S			
	High head type Φ19mm	Momentary	1NO	Welded type	AJ419-2D1N10P			
				Screw type	AJ419-2D1N10S			
	Circular head type Φ19mm	Momentary	1NO	Welded type	AJ419-2Y1N10P			
				Screw type	AJ419-2Y1N10S			
	Flat head type with lamp Φ19mm	Momentary	1NO	Welded type	AJ419-2P1□10▲P	Please code with the following colors Replace the "□" in the model the "▲" in the model R: red ● G: green ● B: blue ● W: white ○ Y: yellow ● A: orange ●	Please code with the following colors Replace the "▲" in the model A: 6VDC B: 12VDC C: 24VDC D: 110VAC E: 220VAC	
	High head with lamp Φ19mm				AJ419-2G1□10▲P			
	Arc head type with lamp Φ19mm				AJ419-2M1□10▲P			

※ 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.

AJ4 Button switch

■ Specification(AJ422 Series)

Appearance	Shape of top	Operation	Contact type	Installation mode	Model	Color	Voltage	Dimensions		
	Flat head type Φ22mm	Momentary	1NO	Welded type	AJ422-2T1N10P	---	---			
				Screw type	AJ422-2T1N10S					
	High head type Φ22mm	Momentary	1NO	Welded type	AJ422-2D1N10P					
				Screw type	AJ422-2D1N10S					
	Circular head type Φ22mm	Momentary	1NO	Welded type	AJ422-2Y1N10P					
				Screw type	AJ422-2Y1N10S					
	Flat head type with lamp Φ22mm	Momentary	1NO	Welded type	AJ422-2P1□10▲P			Please code with the following colors Replace the "□" in the model R: red ● G: green ● B: blue ● W: white ○ Y: yellow ● A: orange ●	Please code with the following colors Replace the "▲" in the model A: 6VDC B: 12VDC C: 24VDC D: 110VAC E: 220VAC	
	High head with lamp Φ22mm				AJ422-2G1□10▲P					
	Arc head type with lamp Φ22mm				AJ422-2M1□10▲P					

※ 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.