

■ AJ5 Series Technical parameter

Performance parameter	
Contact material	AgSnO2
Contact Resistance(Initial value)	≤50mΩ
Insulation impedance	≥100MΩ (500VDC)
Withstand voltage	Between contacts of different poles: 2000VAC 50Hz 1min; Between contacts with the same pole break: 1000VAC 50Hz 1min; Contact and lamp terminal: 1000VAC 50Hz 1min;
Degree of Protection	Front panel: IP67
Motion stroke	The connection is about 1.1mm, and the total stroke is about 3.5mm
Operating pressure	4~8N
Mounting panel thickness	≤9mm
Nut torque	5 ~14N.m
Operating temperature	-25°C~55°C (no icing)
Working humidity	45%~85%(no condensation)
Mechanical Life	Self-replicating type: ≥1 million times; Self-locking type: ≥ 300,000 times
Electrical Life	≥ 50,000 times
Vibration Resistance	10~50Hz, amplitude 1.5mm
Soldering Temperature	260°C±5°C 5S

LED lighting	
Lamp Type	Bidirectional LED lamp bead (AC/DC universal)
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, the use of AC and DC general LED lamp beads, terminals do not need to distinguish between positive and negative polarity

Contact Ratings(AJ516~AJ519 Series)				
Rated insulation voltage	250VAC			
Heating current Ith	15 A (temperature does not exceed the maximum rated current allowed)			
Rated voltage	12VDC	24VDC	250VAC	
Rated current	AC-15	15A	15A	15A
	DC-12	5A	4A	4A

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

Contact Ratings(AJ522~AJ525 Series)				
Rated insulation voltage	250VAC			
Thermal Current	20 A (temperature does not exceed the maximum rated current allowed)			
Rated voltage	12VDC	24VDC	250VAC	
Rated current	AC-15	15A	15A	15A
	DC-12	5A	4A	4A


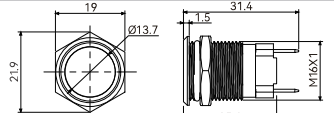

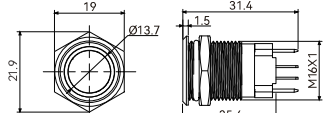

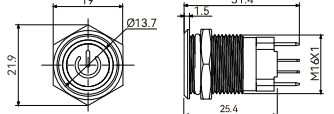
※ Applicable load (reference value) =5VAC/DC 5mA(available range depends on service conditions and load type)

Terminal style			
1NO	2NO	1NO(With LED)	2NO(With LED)

AJ5 Button switch


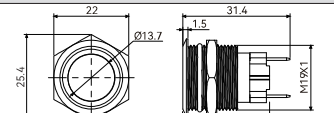

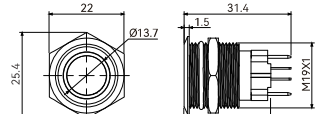

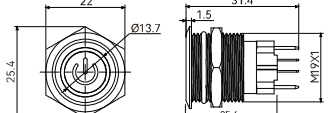
AJ5	22	-	2	T	1	R	10	C	/	P
series	Install size	Category	Form	Function	Color	Contact type	Voltage	Connection mode		
All-purpose metal	16:16mm 19:19mm 22:22mm 25:25mm	2: Button switch	T: Flat head P: Flat head with lamp	1: Momentary 2: Maintained	R: Red G: Green Y: Yellow B: Blue W: White A: Orange RG: Red-green N: No	10: 1NO 11: 2NO	A: 6V B: 12V C: 24V D: 110V E: 220V	P: Identifies the power supply		

■ Specification (AJ516 Series)

Appearance	Shape of top	Operation	Contact type	Model	Color	Voltage	Dimensions
	Flat head type Φ16mm	Monentary	1NO	AJ516-2T1N10	---	---	
		Maintained	1NO	AJ516-2T2N10			
	Flat head with light Φ16mm	Monentary	1NO	AJ516-2P1□10▲	Please code with the following colors Replace the "□" in the model	Please code with the following colors Replace the "▲" in the model	
		Maintained	1NO	AJ516-2P2□10▲			
	Flat head with light identification Φ16mm	Monentary	1NO	AJ516-2P1□10▲/P	R: red ● G: green ● B: blue ● W: white ○ Y: yellow ● A: orange ●	A: 6VDC B: 12VDC C: 24VDC D: 110VAC E: 220VAC	
		Maintained	1NO	AJ516-2P2□10▲/P			


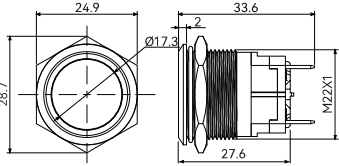

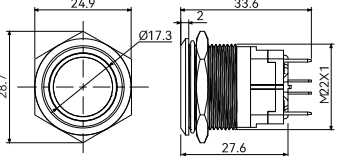

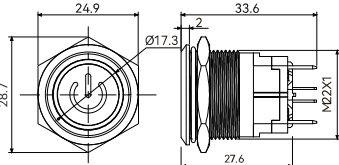
※ ① The light bead colors are R: red, G: green, B: blue, W: white, Y: yellow, and A: orange, and the listed codes can be used to replace the "□" in the model as needed;
 ※ ② The lamp bead voltages are A: 6VAC/DC, B: 12VAC/DC, C: 24VAC/DC, D: 110VAC/DC, and E: 220VAC/DC, respectively. The listed codes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

■ Specification (AJ519 Series)

Appearance	Shape of top	Operation	Contact type	Model	Color	Voltage	Dimensions
	Flat head type Φ19mm	Monentary	1NO	AJ519-2T1N10	---	---	
		Maintained	1NO	AJ519-2T2N10			
	Flat head with light Φ19mm	Monentary	1NO	AJ519-2P1□10▲	Please code with the following colors Replace the "□" in the model	Please code with the following colors Replace the "▲" in the model	
		Maintained	1NO	AJ519-2P2□10▲			
	Flat head with light identification Φ19mm	Monentary	1NO	AJ519-2P1□10▲/P	R: red ● G: green ● B: blue ● W: white ○ Y: yellow ● A: orange ●	A: 6VDC B: 12VDC C: 24VDC D: 110VAC E: 220VAC	
		Maintained	1NO	AJ519-2P2□10▲/P			


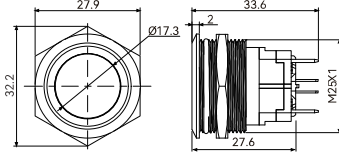

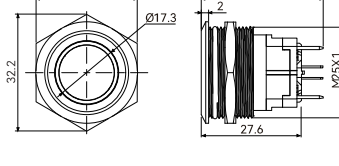

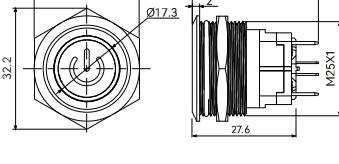
※ ① The light bead colors are R: red, G: green, B: blue, W: white, Y: yellow, and A: orange, and the listed codes can be used to replace the "□" in the model as needed;
 ※ ② The lamp bead voltages are A: 6VAC/DC, B: 12VAC/DC, C: 24VAC/DC, D: 110VAC/DC, and E: 220VAC/DC, respectively. The listed codes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

■ Specification (AJ522 Series)

Appearance	Shape of top	Operation	Contact type	Model	Color	Voltage	Dimensions
	Flat head type Φ22mm	Momentary	1NO	AJ522-2T1N10	---	---	
			2NO	AJ522-2T1N11			
		Maintained	1NO	AJ522-2T2N10			
			2NO	AJ522-2T2N11			
	Flat head with light Φ22mm	Momentary	1NO	AJ522-2P1□10▲	Please code with the following colors Replace the "□" in the model	Please code with the following colors Replace the "▲" in the model	
			2NO	AJ522-2P1□11▲			
		Maintained	1NO	AJ522-2P2□10▲			
			2NO	AJ522-2P2□11▲			
	Flat head with light and identifier Φ22mm	Momentary	1NO	AJ522-2P1□10▲/P	R: red ● G: green ● B: blue ● W: white ○ Y: yellow ● A: orange ●	A: 6VDC B: 12VDC C: 24VDC D: 110VAC E: 220VAC	
			2NO	AJ522-2P1□11▲/P			
		Maintained	1NO	AJ522-2P2□10▲/P			
			2NO	AJ522-2P2□11▲/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.

■ Specification (AJ525 Series)

Appearance	Shape of top	Operation	Contact type	Model	Color	Voltage	Dimensions
	Flat head type Φ25mm	Momentary	1NO	AJ525-2T1N10	---	---	
			2NO	AJ525-2T1N11			
		Maintained	1NO	AJ525-2T2N10			
			2NO	AJ525-2T2N11			
	Flat head with light Φ25mm	Momentary	1NO	AJ525-2P1□10▲	Please code with the following colors Replace the "□" in the model	Please code with the following colors Replace the "▲" in the model	
			2NO	AJ525-2P1□11▲			
		Maintained	1NO	AJ525-2P2□10▲			
			2NO	AJ525-2P2□11▲			
	Flat head with light and identifier Φ25mm	Momentary	1NO	AJ525-2P1□10▲/P	R: red ● G: green ● B: blue ● W: white ○ Y: yellow ● A: orange ●	A: 6VDC B: 12VDC C: 24VDC D: 110VAC E: 220VAC	
			2NO	AJ525-2P1□11▲/P			
		Maintained	1NO	AJ525-2P2□10▲/P			
			2NO	AJ525-2P2□11▲/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.