

AP19 Series Short Type Metal Button

GENERAL

1. Installation dimensions: Φ19mm.
2. Head shape: flat round、high round、 spherical.
3. Wiring mode: screw terminal、 pin terminal.
4. Operation: momentary.
5. Contact: 1NO.
6. IP Degree: IP65
7. The material of Keypad: stainless steel.
8. The material of shell: chrome plating of brass、 stainless steel、 aluminum alloy plating.
9. The material of base: PA66.

LAMP SPECIFICATIONS

Lamp type	Two-way LED lamp	
Rated voltage	AC/DC 3V	AC/DC 6V
	AC/DC 12V	AC/DC 24V
	AC/DC 36V	AC/DC 48V
	AC/DC 110V	AC/DC 220V
Lamp color	R●G●Y●B●W○	
Life	≥40000h	

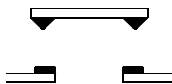
SWITCH RATING

Rated voltage(Ue)			12V	24V	110V	220V
Rated current (Ie)	AC-15 50/60Hz	Resistive load	5A	5A	5A	3A
		Inductive load	5A	5A	3A	2A
	DC-13	Resistive load	1A	1A	0.2A	0.1A
		Inductive load	0.5A	0.5A	0.2A	0.1A

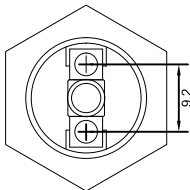
SPECIFICATION

Operating temperature	-25℃~ +55℃ (Ice free)
Operating humidity	45-85%RH
Contact resistance	≤50mΩ
Insulation resistance	≥1000MΩ
Dielectric streagth	1500VAC/50Hz/60s
Vibration resistance	50Hz,Amplitude 1.2mm
Shock resistance	> 10g
Solder heat resistance	when 320℃(or 30W electric iron),no more than 3 seconds
Switch rating	250V/5A
Mechanical life	≥1,000,000times
Electrical life	≥100,000times
Nut torque	about 0.6Nm
Operation stroke	about 2mm
Operating pressure	about 5N

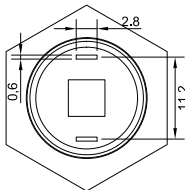
CONTACT DESCRIPTION

Type	1NO
Diagram	
Sign	
Note	Double break-points with two terminals slow contact switch

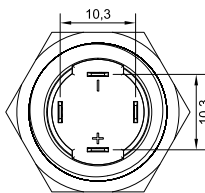
CONTACT DESCRIPTION



Screw terminal



Pin terminal



Illuminated button:pin terminal

IMPLICATION OF TYPE

YJ-GQ19□	★	-⊙	▲/	■/	☆	△	○
Code of series□: No letters : no lamp type B:with lamp type	Head shape: B : spherical F : flat round H: high round	Contact : 10:1NO	Operation: No letters : momentary E:momentary with ring lamp EP:momentary with ring lamp and luminous power logo	Wiring mode: No letters : screw terminal J: pin terminal	Shell material: N:chrome plating of brass S : stainless steel A:aluminum alloy plating	Lamp voltage: 3V 6V 12V 24V 36V 48V 110V 220V	Color : ■R ■G ■Y ■B □W

Note: the above table is only for model explanation, and some model combinations have no actual products. See the following figure for specific products.

Metal ButtonΦ19(Short Type)

Qrefit your machine in a easy way



AP19 Series Short Type Metal Button

PRODUCT SELECTION

☆shell material N: Chrome plating of brass / S: Stainless steel / A: Aluminum alloy plating

△ LED voltage 1.8V、3V、6V、12V、24V、36V、48V、110V、220V

○LED color **R** **G** **Y** **B** **W**

Picture	Operation	Model	Shape Dimensions
	Flat, momentary (screw terminal)	AP19F-10/☆	
	Spherical, momentary (screw terminal)	AP19B-10/☆	
	High, momentary (screw terminal)	AP19H-10/☆	
	Flat, momentary (pin terminal)	AP19F-10/J/☆	
	Spherical, momentary (pin terminal)	AP19B-10/J/☆	
	High, momentary (pin terminal)	AP19H-10/J/☆	
	Flat, momentary ring lamp	AP19BF-10E/J/☆△○	
	Flat, momentary ring lamp with luminous power logo	AP19BF-10EP/J/☆△○	