

Metal ButtonΦ19

Qrefit your machine in a easy way



AP19A Series High Current Metal Button

GENERAL

1. Installation dimensions: Φ19mm.
2. Head shape: flat round、high round.
3. Wiring mode: pin terminal.
4. Operation: momentary,maintained.
5. Contact: 1NO/1NC.
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: PBT.

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 10A	10A	10A	10A
		Inductive load 10A	10A	8A	6A
	DC-13	Resistive load 6A	6A	2A	1A
		Inductive load 5A	5A	1A	0.5A

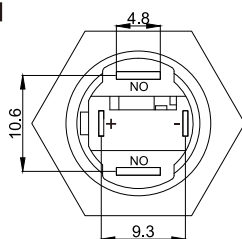
SPECIFICATION

Operating temperature	-25°C~ +55°C (Ice free)
Operating humidity	45-85%RH
Contact resistance	≤50mΩ
Insulation resistance	≥1000MΩ
Dielectric strength	1500VAC/50Hz/60s
Vibration resistance	50Hz,Amplitude 1.2mm
Shock resistance	> 10g
Solder heat resistance	when 320°C(or 30W electric iron),no more than 3 seconds
Switch rating	250V/15A
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	1NC
Diagram		
Sign		
Note	Double break-points with two terminals slow contact switch	

CONTACT DESCRIPTION



NO-NO terminal is switch pin,and the terminal size is 4.8×0.8
+ - terminal is led pin,and the terminal size is 2.8×0.5

IMPLICATION OF TYPE

YJ-GQ19A	★	-⊖	▲/	☆	△	○
Code of series	Head shape: F : flat round H: high round	Contact: 10:1NO 01: 1NC	Operation: No letters : momentary Z:maintained E:momentary with ring lamp EZ:maintained with ring lamp EP:momentary with ring lamp and luminous power logo EZP:maintained with ring lamp and luminous power logo	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.

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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	AP19AF-10/☆	
	Flat,maintained	AP19AF-10Z/☆	
	High,momentary	AP19AH-10/☆	
	High,maintained	AP19AH-10Z/☆	
	Flat,momentary ring lamp	AP19AF-10E/☆△○	
	Flat,maintained ring lamp	AP19AF-10EZ/☆△○	
	High,momentary ring lamp	AP19AH-10E/☆△○	
	High,maintained ring lamp	AP19AH-10EZ/☆△○	
	Flat,momentary ring lamp with luminous power logo	AP19AF-10EP/☆△○	
	Flat,maintained ring lamp with luminous power logo	AP19AF-10EZP/☆△○	
	Matching no light button: 2 lines		 Standard wiring length 150, wire diameter of switch is 1m ² , wire diameter of led is 0.5m ² Note: the red and black lines are LED lines, 1NO contact with two blue wires;1NC contact with two yellow wires;You can consult the customized line length.
	Matching illuminated button: 5 lines		

COMBINATION DIAGRAM OF BUTTON AND SOCKET

