

Metal ButtonΦ22

Qrefit your machine in a easy way



AP22A Series High Current Metal Button

GENERAL

1. Installation dimensions: Φ22mm.
2. Head shape: flat round、high round.
3. Wiring mode: pin terminal.
4. Operation: momentary,maintained.
5. Contact: 1NO1NC/2NO/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.

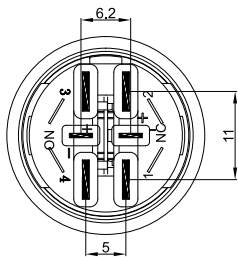
LAMP SPECIFICATIONS

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	15A	15A	13A	13A
		Inductive load	10A	10A	8A	6A
	DC-13	Resistive load	6A	6A	2A	1A
		Inductive load	5A	5A	1A	0.5A

CONTACT DESCRIPTION



1. LED terminal size is 2.8×0.5;Contact terminal size is 4.8×0.8.
2. +- terminal is led pin.
3. 3-NO-4 terminal is NO contact;1-NC-2 terminal is NC contact.

IMPLICATION OF TYPE

YJ-GQ22A	★	-⊙	▲/	☆	△	○
Code of series	Head shape: F: flat round H: high round	Contact: 11:1NO1NC 20:2NO 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.

SPECIFICATION

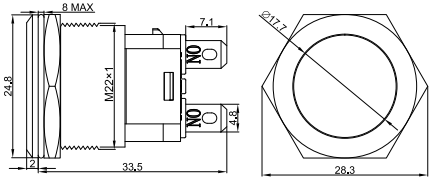
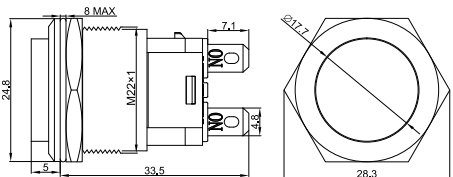
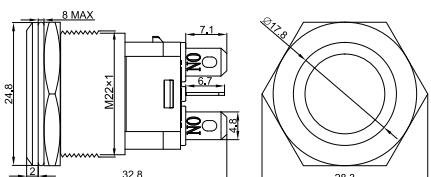
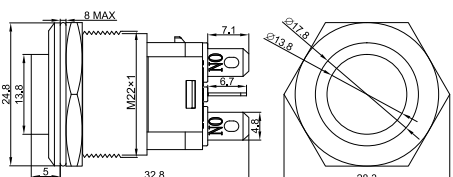
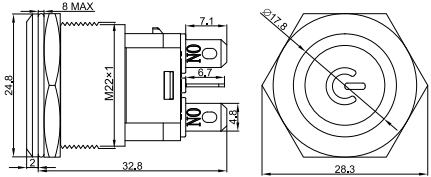
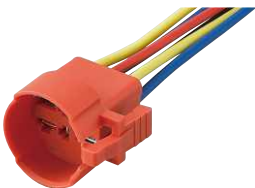
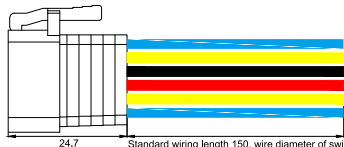
Operating temperature	-25℃~ +55℃ (Ice free)
Operating humidity	45-85%RH
Contact resistance	≤50mΩ
Insulation resistance	≥1000MΩ
Dielectric streagth	1890VAC/50Hz/60s
Vibration resistance	50Hz,Amplitude 1.2mm
Shock resistance	> 10g
Solder heat resistance	when 320℃(or 30W electric iron),no more than 3 seconds
Switch rating	250V/18A
Mechanical life	≥1,000,000times
Electrical life	≥100,000times
Nut torque	about 0.6Nm
Operation stroke	about 2mm
Operating pressure	about 3N

CONTACT DESCRIPTION

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

AP22A Series High Current Metal Button

PRODUCT SELECTION

⊙ Contact 11:1NO1NC ; 20:2NO ; 10:1NO ; 01:1NC			
☆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	AP22AF-⊙/☆	
	Flat,maintained	AP22AF-⊙Z/☆	
	High,momentary	AP22AH-⊙/☆	
	High,maintained	AP22AH-⊙Z/☆	
	Flat,momentary ring lamp	AP22AF-⊙E/☆△⊙	
	Flat,maintained ring lamp	AP22AF-⊙EZ/☆△⊙	
	High,momentary ring lamp	AP22AH-⊙E/☆△⊙	
	High,maintained ring lamp	AP22AH-⊙EZ/☆△⊙	
	Flat,momentary ring lamp with luminous power logo	AP22AF-⊙EP/☆△⊙	
	Flat,maintained ring lamp with luminous power logo	AP22AF-⊙EZP/☆△⊙	
	AP22A Socket	Matching button with no light and one contact : 2 lines	 Standard wiring length 150, wire diameter of switch is 1m², wire diameter of led is 0.5m² 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 button with no light and two contacts: 4 lines	
		Matching button with light and one contact : 4 lines	
		Matching button with light and two contacts: 6 lines	

COMBINATION DIAGRAM OF BUTTON AND SOCKET

