

Metal ButtonΦ16

YJ-GQ16A Series High Current Metal Button

GENERAL

1. Installation dimensions: Φ16mm.
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	

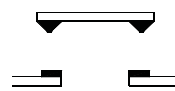
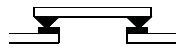


SWITCH RATING

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

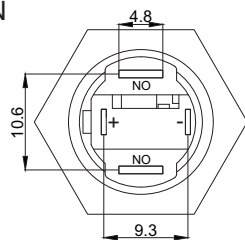
SPECIFICATION

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


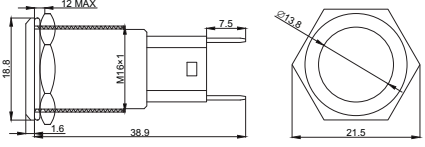

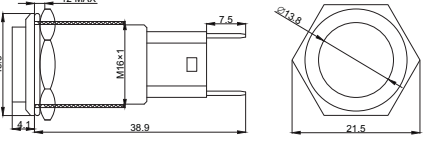

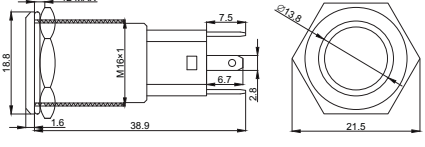

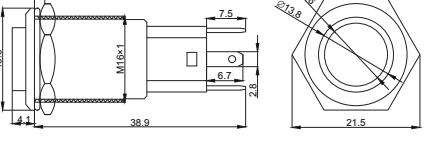

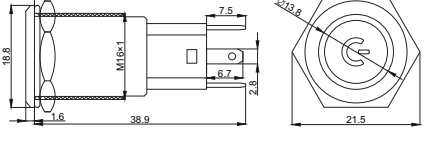
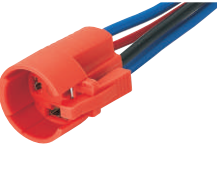
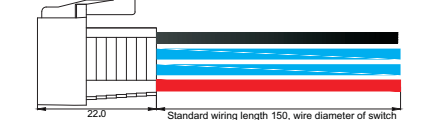
YJ-GQ16A	★	-⊖	▲/	☆	△	○
Code of series	Head shape: F: flat round H: high round	Contact: 10: 1NO 01: 1NC	Operation: No letters : momentary Z:maintained E:momentary with ring lamp EZ:maintained with ring lamp EP:momentary with ring lamp and luminous power logo EZP:maintained with ring lamp and luminous 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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YJ-GQ16A Series High Current Metal Button

PRODUCT SELECTION

Picture	Operation	Model	Shape Dimensions
	Flat, momentary	YJ-GQ16AF-10/☆	
	Flat, maintained	YJ-GQ16AF-10Z/☆	
	High, momentary	YJ-GQ16AH-10/☆	
	High, maintained	YJ-GQ16AH-10Z/☆	
	Flat, momentary ring lamp	YJ-GQ16AF-10E/☆△○	
	Flat, maintained ring lamp	YJ-GQ16AF-10EZ/☆△○	
	High, momentary ring lamp	YJ-GQ16AH-10E/☆△○	
	High, maintained ring lamp	YJ-GQ16AH-10EZ/☆△○	
	Flat, momentary ring lamp with luminous power logo	YJ-GQ16AF-10EP/☆△○	
	Flat, maintained ring lamp with luminous power logo	YJ-GQ16AF-10EZP/☆△○	
	GQ16A Socket	Matching no light button: 2 lines	 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

