Metal ButtonΦ25

YJ-GQ25A Series High Current Metal Button

GENERAL

1. Installation dimensions: Φ25mm.

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 stee,aluminum alloy plating.

8. The material of shell: 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	
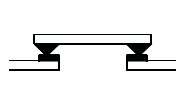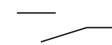
SWITCH RATING

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

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	

CONTACT DESCRIPTION
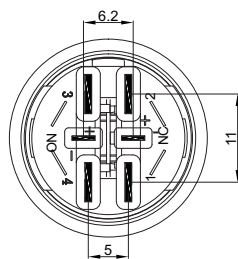
1. LED terminal size is 2.8×0.5;Contact terminal size is 4.8×0.8.

2. +- terminal is led pin.

3. 3-NO-4 terminal is NO contanct;1-NC-2 terminal is NC contact.

IMPLICATION OF TYPE

YJ-GQ25A	★	-⊙	▲/	☆	△	○
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: 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.
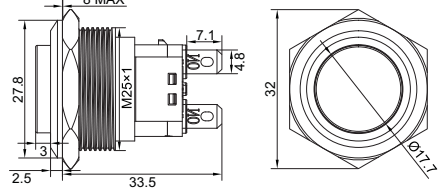
Metal ButtonΦ25

Quality as the root · Service as the base

YIJIA

YJ-GQ25A Series High Current Metal Button
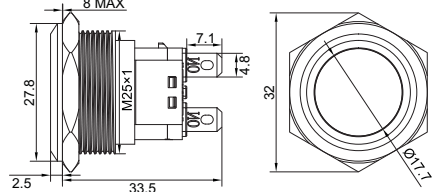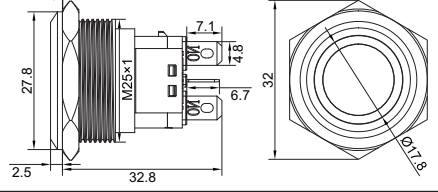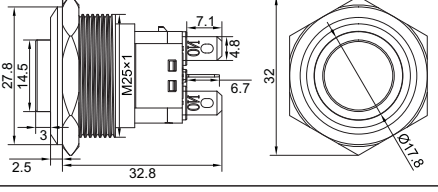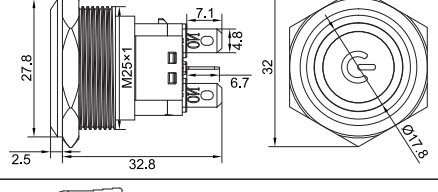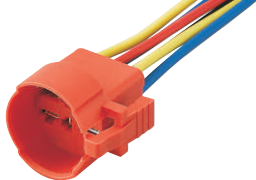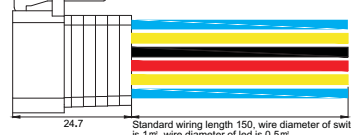
PRODUCT SELECTION

⊙Contact	11:1NO1NC ; 20:2NO ; 10:1NO ; 01:1NC
☆shell material	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	YJ-GQ25AF-⊙/☆	
	Flat,maintained	YJ-GQ25AF-⊙Z/☆	
	High,momentary	YJ-GQ25AH-⊙/☆	
	High,maintained	YJ-GQ25AH-⊙Z/☆	
	Flat,momentary ring lamp	YJ-GQ25AF-⊙E/☆ △ ○	
	Flat,maintained ring lamp	YJ-GQ25AF-⊙EZ/☆ △ ○	
	High,momentary ring lamp	YJ-GQ25AH-⊙E/☆ △ ○	
	High,maintained ring lamp	YJ-GQ25AH-⊙EZ/☆ △ ○	
	Flat,momentary ring lamp with luminous power logo	YJ-GQ25AF-⊙EP/☆ △ ○	
	Flat,maintained ring lamp with luminous power logo	YJ-GQ25AF-⊙EZP/☆ △ ○	
	GQ22A Socket	Matching button with no light and one contact : 2 lines	
		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	

Standard wiring length 150, wire diameter of switch is 1㎡, wire diameter of led is 0.5㎡

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.

COMBINATION DIAGRAM OF BUTTON AND SOCKET

41.6

Standard wiring length 150, wire diameter of switch is 1㎡, wire diameter of led is 0.5㎡

CHINA YIJIA INDUSTRIAL ELECTRICAL CO.,LTD.