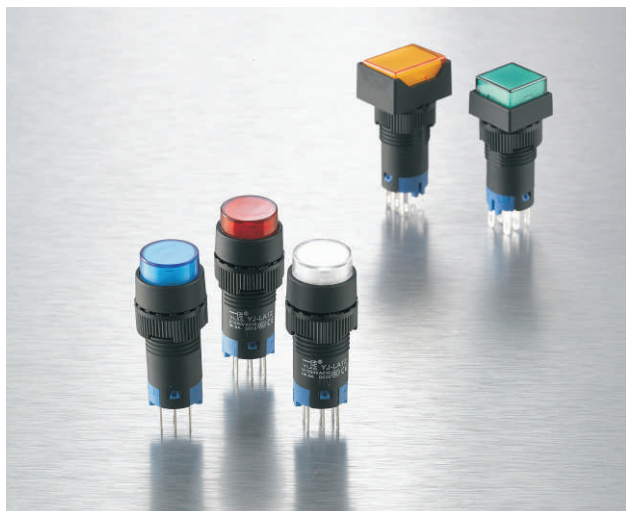


Button Switch $\Phi 12$

Quality as the root · Service as the base



YJ-LA12 Series Button Switch

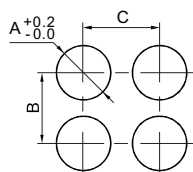


SPECIFICATION

Operating temperature		-25°C~+55°C (Ice free)
Operating humidity		45~85%RH
Contact resistance		$\leq 30\text{m}\Omega$
Insulation resistance		$\geq 100\text{M}\Omega$
Dielectric strength	Between contact and lamp terminal	1500VAC/60s
	Between terminal of the same pole	1500VAC/60s
	Between terminal of the different pole	2000VAC/60s
Solder heat resistance		230°C no more than 3s
Operating travel		(push button) about 3mm
Life	Mechanical life	Momentary: $\geq 500,000$ times Maintained: $\geq 300,000$ times
	Electrical life	$\geq 100,000$ times

Soldering requirements: Finish soldering within 20W/5s or 230°C/3s.
When soldering, soldering iron should not touch crust, and do not apply force on the terminal.

INSTALLATION DIMENSION



类别	A	B	C
Round	12mm	$\geq 14\text{mm}$	$\geq 14\text{mm}$
Square	12mm	$\geq 14\text{mm}$	$\geq 14\text{mm}$
Rectangle	12mm	$\geq 14\text{mm}$	$\geq 18\text{mm}$

GENERAL

1. Installation dimensions: $\Phi 12\text{mm}$.
2. The shape of head: round, square, rectangle.
3. Function: signal, momentary button, maintained button, illuminated button.
4. Optional contacts: 1NO1NC / 2NO2NC
5. Protection Level: IP40

SWITCH RATING

Rated insulation voltage(Ui)			250V			
Thermal current(Ith)			5A			
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	0.7A	0.7A	0.1A	—
Contact Material			Silver alloy			

Minimum adaptive load: 3V AC/DC 5mA (reference value) (The scope of usage depends on the usage environment and load type)

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	$\geq 40000\text{h}$	

CONTACT DESCRIPTION

1NO1NC	Terminal arrangement
2NO2NC	Terminal arrangement

PRODUCT SELECTION

⊙ Contact	11:1NO1NC; 22:2NO2NC	△ LED voltage	3V 6V 12V 24V 36V 48V 110V 220V	○ Color	R G Y B W BL
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Picture	Operation	Model	Shape Dimensions
	Round signal lamp	YJ-LA12-D/Y△○	

Quality as the root · Service as the base



⊙ Contact 11:1NO1NC; 22:2NO2NC



3V 6V 12V 24V 36V 48V 110V 220V



CHINA YIJIA INDUSTRIAL ELECTRICAL CO.,LTD.