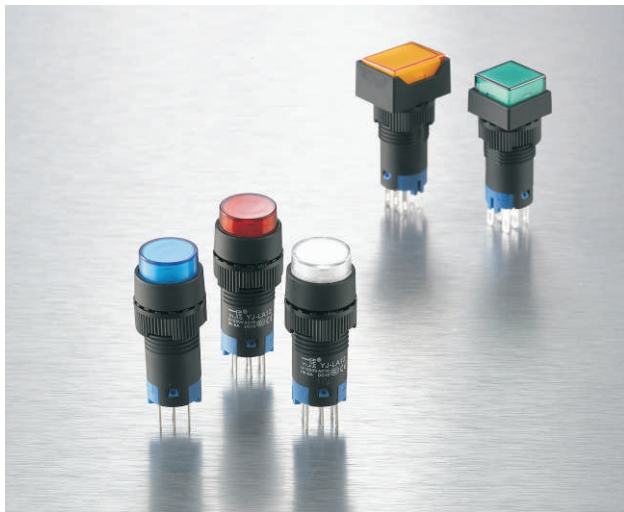


Button Switch $\Phi 12$

Quality as the root · Service as the base



YJ-LA12 Series Button Switch



GENERAL

1. Installation dimensions: $\Phi 12$ 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)

SPECIFICATION

Operating temperature	-25°C~+55°C (Ice free)	
Operating humidity	45~85%RH	
Contact resistance	$\leq 30m\Omega$	
Insulation resistance	$\geq 100M\Omega$	
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.

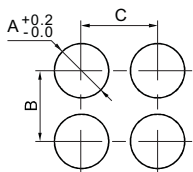
LAMP SPECIFICATIONS

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	$\geq 40000h$	

CONTACT DESCRIPTION

1NO1NC	Terminal arrangement
2NO2NC	Terminal arrangement

INSTALLATION DIMENSION



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

PRODUCT SELECTION

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

Button Switch $\Phi 12$

Quality as the root · Service as the base



YJ-LA12 Series Button Switch

PRODUCT SELECTION

Picture	Operation	Contact	Model	Shape Dimensions
	Square signal lamp	-	YJ-LA12-D/F Δ ○	
	Rectangle signal lamp	-	YJ-LA12-D/J Δ ○	
	Round momentary	11	YJ-LA12-11BN/Y○	
		22	YJ-LA12-22BN/Y○	
	Round maintained	11	YJ-LA12-11BNZS/Y○	
		22	YJ-LA12-22BNZS/Y○	
	Round momentary illuminated	11	YJ-LA12-11DN/Y Δ ○	
		22	YJ-LA12-22DN/Y Δ ○	
	Round maintained illuminated	11	YJ-LA12-11DNZS/Y Δ ○	
		22	YJ-LA12-22DNZS/Y Δ ○	
	Square momentary	11	YJ-LA12-11BN/F○	
		22	YJ-LA12-22BN/F○	
	Square maintained	11	YJ-LA12-11BNZS/F○	
		22	YJ-LA12-22BNZS/F○	
	Square momentary illuminated	11	YJ-LA12-11DN/F Δ ○	
		22	YJ-LA12-22DN/F Δ ○	
	Square maintained illuminated	11	YJ-LA12-11DNZS/F Δ ○	
		22	YJ-LA12-22DNZS/F Δ ○	
	Rectangle momentary	11	YJ-LA12-11BN/J○	
		22	YJ-LA12-22BN/J○	
	Rectangle maintained	11	YJ-LA12-11BNZS/J○	
		22	YJ-LA12-22BNZS/J○	
	Rectangle momentary illuminated	11	YJ-LA12-11DN/J Δ ○	
		22	YJ-LA12-22DN/J Δ ○	
	Rectangle maintained illuminated	11	YJ-LA12-11DNZS/J Δ ○	
		22	YJ-LA12-22DNZS/J Δ ○	