



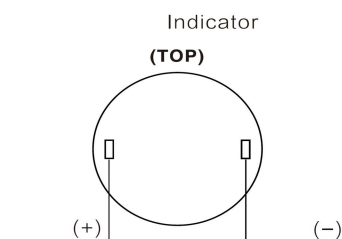
## Features

- Installation diameter: 8/10/12mm
- Degree of Protection: IP40
- Compact design saves space
- Shade UV
- LED

## LED Ratings

Rated Voltage	Current
5V DC $\pm 5\%$	8mA
6V AC/DC ( $\pm 10\%$ )	AC: A, R, W, Y: 8mA G, S: 7mA
	DC: A, R, W, Y: 6mA G, S: 5mA
12V AC/DC ( $\pm 10\%$ )	AC: 9mA DC: 8mA
24V AC/DC ( $\pm 10\%$ )	AC: 9mA DC: 8mA

## Terminal Style



## Related certification

Standard	signal
UII 508	
EN60947-1 EN60947-5-1	
GB 14048.5	

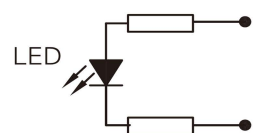
## Specifications

Degree of Protection	IP 40 Watertight /Oiltight
Contact Configuration	Single Pole, Double Pole
Maximum Voltage	250V AC/DC
Thermal Current	3A
Minimum Applicable Load	5V AC/DC, 1mA
Contact Material	Gold-plated silver
Terminal Style	.110" Solder/Quick Connect
Operating Temperature	-25°C to +55°C
Operating Humidity	45 to 85% RH
Contact Resistance	50M $\Omega$ maximum
Insulation Resistance	100M $\Omega$ minimum (500V DC megger)
Vibration Resistance	10 to 55Hz, amplitude 1.2mm p-p
Degree of Protection	>10g
Electrical Life	100,000 operations minimum (at full rated load)
Mechanical Life	Maintained: 1,000,000 operations minimum Momentary: 1,000,000 operations minimum Selecotr /Keylock: 250,000 operations minimum
Dielectric Strength	Switch Unit: 2,000V AC, 1min. between live/dead part and terminals of different poles; 1,000V AC, 1 minute between terminals of the same pole; 1,500V AC, 1 minute between contact and lamp terminals. Illumination Unit: 2,000V AC, 1min. between live Part/ground
Soldering Temperature	20W/5 Seconds or 260C/3 seconds

## Contact Ratings

Working voltage		24V	110V	220V
AC (50/60Hz)	Resistive	—	1.0A	0.5A
	Inductive	—	0.7A	0.5A
DC	Resistive	1.0A	0.2A	—
	Inductive	0.7A	0.1A	—

## LED Circuit



12VDC, 24VDC, 110VAC, 220VAC

# RJSPS12A LED Indicators

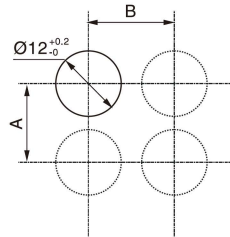
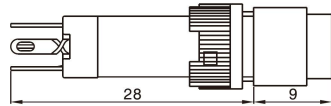
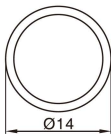
## How to Order

RJS		-					
	Mounting Size		Operation Style	Operation Characteristic	Contact Structure	Color	Voltage
	Ø8 mm Ø10 mm Ø12 mm		Indicator	Round Square Rectangle Round (LED) Square (LED) Rectangle (LED)	Nil SPDT(1a+1b) DPDT(2a+2b) (Ø12mm)	<b>R</b> Red <b>G</b> Green <b>Y</b> Yellow <b>W</b> White <b>B</b> Blue <b>A</b> Orange	24VDC 12VDC 6.3VDC 110VAC 220VAC

## RJSPS12A

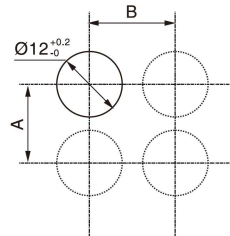
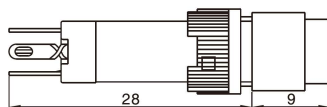
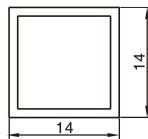
Product appearance			Top Color	Rated Voltage
Round	Square	Rectangle	<b>R</b> Red <b>G</b> Green <b>Y</b> Yellow <b>W</b> White <b>B</b> Blue	D:24VDC E:12VDC F:6.3VDC A1:110VAC A2:220VAC

### RJSPS12A-170



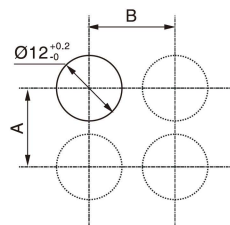
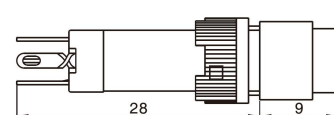
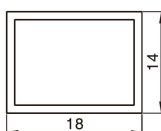
	A	B
	≥10mm	≥10mm
	≥10mm	≥10mm
	≥10mm	≥14mm

### RJSPS12A-180



	A	B
	≥10mm	≥10mm
	≥10mm	≥10mm
	≥10mm	≥14mm

### RJSPS12A-190



	A	B
	≥10mm	≥10mm
	≥10mm	≥10mm
	≥10mm	≥14mm