

RJSPS12A SERIES

LED INDICATOR



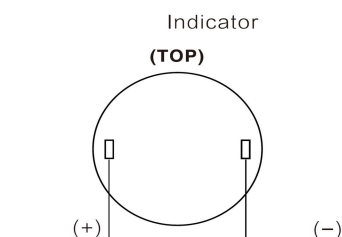
Features

- 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 AC: A, R, W, Y: 8mA G, S: 7mA
6V AC/DC ($\pm 10\%$)	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
UL 508	
EN60947-1 EN60947-5-1	
GB 14048.5	

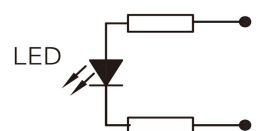
Specifications

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 Ω maximum
Insulation Resistance	100M Ω 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 SERIES

LED INDICATOR



How to Order

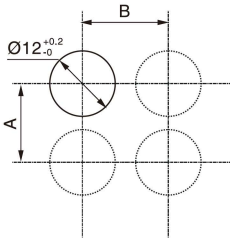
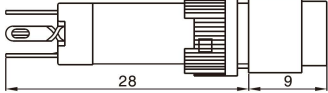
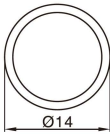
RJS		—					
	Mounting Size		Operation Style	Operation Characteristic	Contact Structure	Color	Voltage
	Ø8 mm	Indicator	Round	Nil	 Red  Green  Yellow  White  Blue  Orange	24VDC	
	Ø10 mm		Square	SPDT(1a+1b)		12VDC	
	Ø12 mm		Rectangle	DPDT(2a+2b) (Ø12mm)		6.3VDC	
			Round (LED)			110VAC	
			Square (LED)			220VAC	
			Rectangle (LED)				

RJSPS12A

Product appearance			Top Color	Rated Voltage
Round	Square	Rectangle	Red Green Yellow White Blue	D:24VDC E:12VDC F:6.3VDC A1:110VAC A2:220VAC

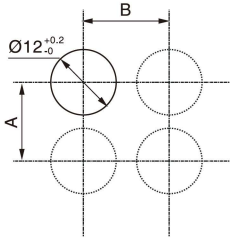
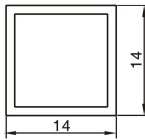
Installation size

RJSPS12A-170



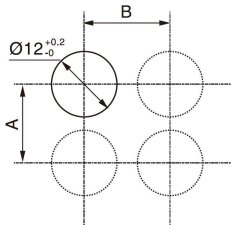
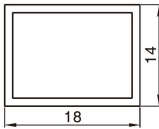
	A	B
	≥10mm	≥10mm
	≥10mm	≥10mm
	≥10mm	≥14mm

RJSPS12A-180



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

RJSPS12A-190



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