

RJSX02-19L SERIES

LED METAL SWITCH



Features

- Hole sizes: 19mm
- Protection level: IP65/IP67
- Contact silver-plated gold: 1.5μ
- LED super bright cold light source lamp display
- Customizable pattern, color and size
- Comply with IEC60947-5-1 GB14048.5 standard

Technical Parameter

Degree of Protection	IP65 IP67
Contact Type	C:1NO+1NC
Maximum Voltage	250V AC/DC
Thermal Current	3A
Minimum Applicable Load	5V AC/DC, 1mA
Contact material	Silver plated gold
Terminal Style	.110" Solder / Quick Connect
Operating Temperature	-25°C to +55°C
Operating Humidity	45 to 85% RH
Contact Resistance	50mΩ
Insulation Resistance	100mΩ minimum (500VDC megger)
Vibration Resistance	10 to 55Hz, amplitude 1.5mm p-p
Degree of Protection	>10g
Electrical Life	100,000 operations minimum (at full rated load)
Mechanical Life	Maintained: 300,000 operations minimum Momentary: 1,000,000 operations minimum
Dielectrical Life	Switch Unit: 2,000V AC, 1 min. 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, 1 min. between live part/ground
Soldering Temperature	20W/5 seconds or 260°C/3 seconds

Rated Parameters

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

Lamp Ratings

Lamp Type	LED lamp(AC/DC)
Rated Voltage	3V,5V,12V,24V,110v AC, 220v AC
Rated Current	Approx. 15 - 20mA
LED Color	R G B Y O P W
Life	40000 hours(Reference)
Lamp Circuit diagram	Using AC/DC LED lamp, the terminals have no difference of anode and cathode

DC LED and other voltage can be made to order.

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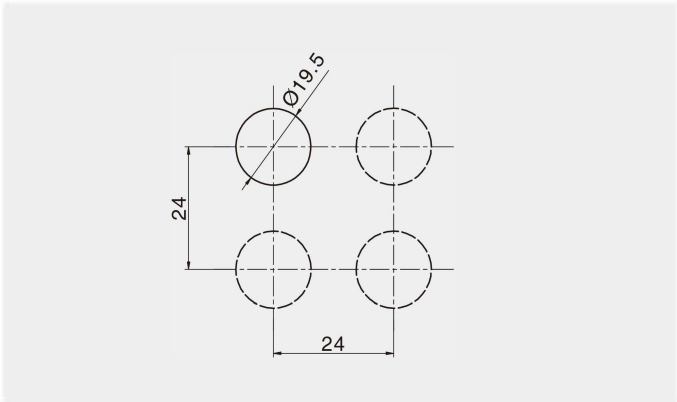
Contact Ratings

Rated insulation voltage			250V		
Heating current I _{th}			3A Temperature does not exceed the maximum allowed current		
Rated voltage			24V	110V	220V
Rated current	AC 50/60Hz	Resistive load	2A	-	-
		Inductive load	-	1A	0.5A
	DC	Resistive load	0.7A	0.2A	0.1A
		Inductive load	-	-	-
		Contact material			Silver nickel oxide

Switching Operation

Type	Sign	Diagram	Terminal Description
No.3			

Install Size



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Appearance	Shape of top	Illuminated type	Operation	Contact	Model	Color	LED Voltage	material
	High ring round	With LED	Momentary	1NO	RJS102-19L-H-R~67J	Red Green Blue White Yellow Orange	5v 12v 24v 110v AC 220v AC	BS - Brushed steel BLK – Black anodised aluminium Custom finishes available (subject to MOQ's)
				2NO	RJS202-19L-H-R~67J			
			Maintained	1NO	RJS102-19LA-H-R~67J			
				2NO	RJS202-19LA-H-R~67J			
	Flat ring round	With LED	Momentary	1NO+1NC	RJS102-19L-F-R~67J			
				2NO+2NC	RJS202-19L-F-R~67J			
			Maintained	1NO+1NC	RJS102-19LA-F-R~67J			
				2NO+2NC	RJS202-19LA-F-R~67J			
	Flat dot round	With LED	Momentary	1NO+1NC	RJS102-19L-F-D~67J			
				2NO+2NC	RJS202-19L-F-D~67J			
			Maintained	1NO+1NC	RJS102-19LA-F-D~67J			
				2NO+2NC	RJS202-19LA-F-D~67J			
	Domed ring round	With LED	Momentary	1NO+1NC	RJS102-19L-B-R~67J			
				2NO+2NC	RJS202-19L-B-R~67J			
			Maintained	1NO+1NC	RJS102-19LA-B-R~67J			
				2NO+2NC	RJS202-19LA-B-R~67J			

Dimensions

