

LED Indicators

Product appearance			Colour	Rated Voltage
Round RJSPS16A-170	Square RJSPS16A-180	Rectangle RJSPS16A-190	R Red G Green Y Yellow W White B Blue A Orange	24VDC 12VDC 6.3VDC 110VAC 220VAC

LED Ratings

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

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	—

Specifications

Degree of Protection	IP 65 Watertight /Oiltight
Contact Configuration	Single Pole, Double Pole
Maximum Voltage	250V AC/DC
Thermal Current	5A
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

How to Order

RJSPS16A	—	□	□	□	□	□
	Operation Style	Operation Characteristic	Contact Structure	Colour	Voltage	
	Momentary	Round Square Rectangle	Nil SPDT(1a+1b) DPDT(2a+2b) TPDT(3a+3b)	R Red G Green Y Yellow W White B Blue A Orange	24VDC 12VDC 6.3VDC 110VAC 220VAC	
	Latching	Round (LED) Square (LED) Rectangle (LED)	H: Maintained Only Mushroom)			