



Illuminated / Non-Illuminated
Mushroom head Push Button Switches














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 Ratings

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

How to Order

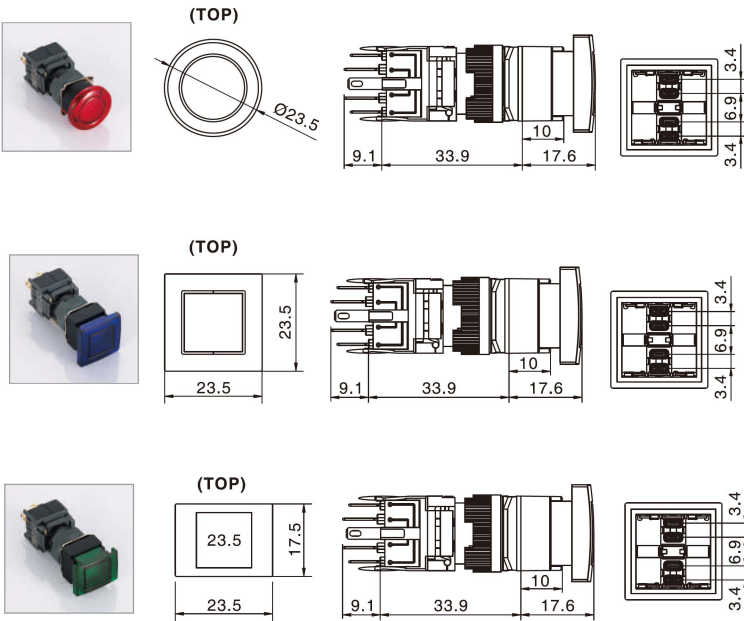
RJSPS16B	—							
		Operation Style	Operation Characteristic	Contact Structure	Colour	Voltage	Degree of Protection	Lamp Shade
Ø16		Indicator Momentary Maintained Selector (2P) Selector (3P) Key Switch (2P) Key Switch (3P) E-stop(Normal) Mushroom A E-Stop(Witch Warning Label) B E-Stop	Round Square Rectangle Round (LED) Square (LED) Rectangle (LED)	Nil SPDT(1a+1b) DPDT(2a+2b) TPDT(3a+3b) Maintained (Only Mushroom) Maintained (Only Mushroom) Maintained (OnlyMushroom)	 Red  Green  Yellow  White  Blue  Orange	24VDC 12VDC 6.3VDC 110VAC 220VAC	Nil IP65	Camber Lamp Shade(arc)

Specifications

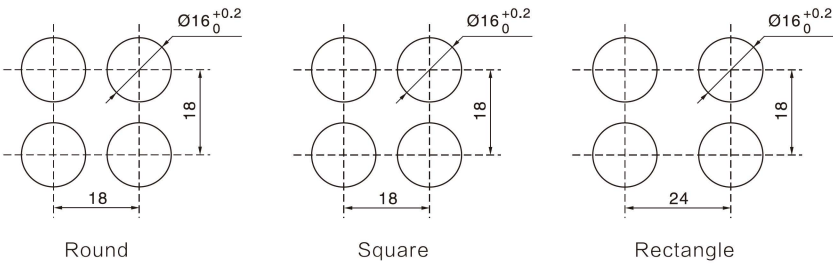
Degree of Protection	IP 65 Watertight /Oiltight
Contact Configuration	Single Pole, Double Pole
Maximum Voltage	250V AC/DC
Thermal Current	5A
Minimum Applicable Load	5V AC/DC, 1mA
Contact Material	Gold-plated silver
Terminal Style	.110" Solder/Quick Connect
Operating Temperature	−25°Cto +55°C
Operating Humidity	45 to 85% RH
Contact Resistance	50MΩ maximum
Insulation Resistance	100MΩ 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

Product appearance	Operation	Illuminated type	Contact	Model	Colour	Rated Voltage
Round  	Momentary	Without LED	SPDT	RJSPS16B -911	<div> <div>R</div> Red <div>G</div> Green <div>Y</div> Yellow <div>W</div> White <div>B</div> Blue </div>	24VDC 12VDC 6.3VDC 110VAC 220VAC
			DPDT	RJSPS16B -912		
			TPDT	RJSPS16B -913		
		With LED	SPDT	RJSPS16B -971		
			DPDT	RJSPS16B -972		
			TPDT	RJSPS16B -973		
	Latching	Without LED	SPDT	RJSPS16B -911H		
			DPDT	RJSPS16B -912H		
			TPDT	RJSPS16B -913H		
		With LED	SPDT	RJSPS16B -971H		
			DPDT	RJSPS16B -972H		
			TPDT	RJSPS16B -973H		
Square  	Momentary	Without LED	SPDT	RJSPS16B -921		24VDC 12VDC 6.3VDC 110VAC 220VAC
			DPDT	RJSPS16B -922		
			TPDT	RJSPS16B -923		
		With LED	SPDT	RJSPS16B -981		
			DPDT	RJSPS16B -982		
			TPDT	RJSPS16B -983		
	Latching	Without LED	SPDT	RJSPS16B -921H		
			DPDT	RJSPS16B -922H		
			TPDT	RJSPS16B -923H		
		With LED	SPDT	RJSPS16B -981H		
			DPDT	RJSPS16B -982H		
			TPDT	RJSPS16B -983H		
长方形 / Rectangle  	Momentary	Without LED	SPDT	RJSPS16B -931	<div> <div>R</div> Red <div>G</div> Green <div>Y</div> Yellow <div>W</div> White <div>B</div> Blue </div>	24VDC 12VDC 6.3VDC 110VAC 220VAC
			DPDT	RJSPS16B -932		
			TPDT	RJSPS16B 933		
		With LED	SPDT	RJSPS16B 991		
			DPDT	RJSPS16B 992		
			TPDT	RJSPS16B 993		
	Latching	Without LED	SPDT	RJSPS16B 931H		
			DPDT	RJSPS16B 932H		
			TPDT	RJSPS16B 933H		
		With LED	SPDT	RJSPS16B 991H		
			DPDT	RJSPS16B 992H		
			TPDT	RJSPS16B 993H		

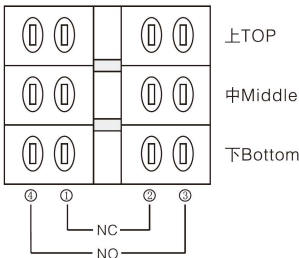
Drawing



Installation size

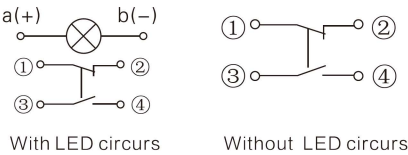


Terminal style



- As shown at right, the base of product to be seen as front side, which show terminal disposition and inside coil drawing.
- Product assemble contact 1C(1a+1b), if needed, Please appoint to add at least 3C(1a+1b)

Contacts Circuit



LED Circuit

