



Illuminated / Non-Illuminated 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

Push Button Switches

Product appearance	Operation	Illuminated type	Contact	Model	Colour	Rated Voltage
Round 	Momentary	Without LED	SPDT	RJSPS16B - 211	<div>R Red</div> <div>G Green</div> <div>Y Yellow</div> <div>W White</div> <div>B Blue</div>	24VDC 12VDC 6.3VDC 110VAC 220VAC
			DPDT	RJSPS16B - 212		
			TPDT	RJSPS16B - 213		
		With LED	SPDT	RJSPS16B - 271		
			DPDT	RJSPS16B - 272		
			TPDT	RJSPS16B - 273		
	Latching	Without LED	SPDT	RJSPS16B - 311		
			DPDT	RJSPS16B - 312		
			TPDT	RJSPS16B - 313		
		With LED	SPDT	RJSPS16B - 371		
			DPDT	RJSPS16B - 372		
			TPDT	RJSPS16B - 373		
Square 	Momentary	Without LED	SPDT	RJSPS16B - 221	<div>R Red</div> <div>G Green</div> <div>Y Yellow</div> <div>W White</div> <div>B Blue</div>	24VDC 12VDC 6.3VDC 110VAC 220VAC
			DPDT	RJSPS16B - 222		
			TPDT	RJSPS16B - 223		
		With LED	SPDT	RJSPS16B - 281		
			DPDT	RJSPS16B - 282		
			TPDT	RJSPS16B - 283		
	Latching	Without LED	SPDT	RJSPS16B - 321		
			DPDT	RJSPS16B - 322		
			TPDT	RJSPS16B - 323		
		With LED	SPDT	RJSPS16B - 381		
			DPDT	RJSPS16B - 382		
			TPDT	RJSPS16B - 383		
Rectangle 	Momentary	Without LED	SPDT	RJSPS16B - 231	<div>R Red</div> <div>G Green</div> <div>Y Yellow</div> <div>W White</div> <div>B Blue</div>	24VDC 12VDC 6.3VDC 110VAC 220VAC
			DPDT	RJSPS16B - 232		
			TPDT	RJSPS16B - 233		
		With LED	SPDT	RJSPS16B - 291		
			DPDT	RJSPS16B - 292		
			TPDT	RJSPS16B - 293		
	Latching	Without LED	SPDT	RJSPS16B - 331		
			DPDT	RJSPS16B - 332		
			TPDT	RJSPS16B - 333		
		With LED	SPDT	RJSPS16B - 391		
			DPDT	RJSPS16B - 392		
			TPDT	RJSPS16B - 393		

