

RJSPS16A SERIES

KEYLOCK SWITCH



■ Features

- Installation diameter: 16mm
- Degree of Protection: IP65
- Silver Plated of contact: 3 μ
- Compact design saves space
- Shade UV
- LED Super bright LED cold light source lamp display

■ 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

■ 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

■ 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	—

■ How to Order

RJSPS16A	—				
Mounting Size	Operation Style	Operation Characteristic	Contact Structure	Selection Code	
Ø16mm	4: Selector (2P) 5: Selector (3P) 6: Key Switch (2P) 7: Key Switch (3P)	1: Round 2: Square 3: Rectangluar	0: Nil 1: SPDT(1a+1b) 2: DPDT(2a+2b) 3: TPDT(3a+3b)	Key out Positon Move way 2: 2 Positon Maintained 0: 2 Positon Momentary 3: 3 Positon Maintained 7: 3 Positon Right Momentary 6: 3 Positon Left Momentary 1: 3 Positon Both Momentary	

Sort	Reset Style				Key out Positon						
	Maintained	Momentary									
3Positon											
Code	2	0			A	B		D			
3Positon											
Code	3	7	6	1	A	B	C	D	E	F	G

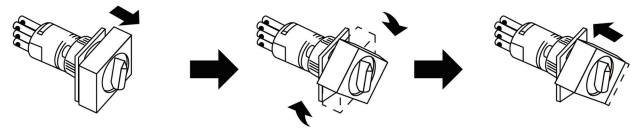
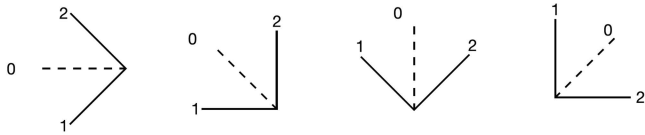
Selector/Key basic rotation angle 90°

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KEYLOCK SWITCH



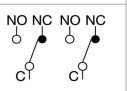
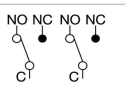
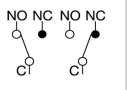
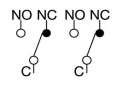
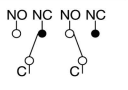
Posistion / Assembly



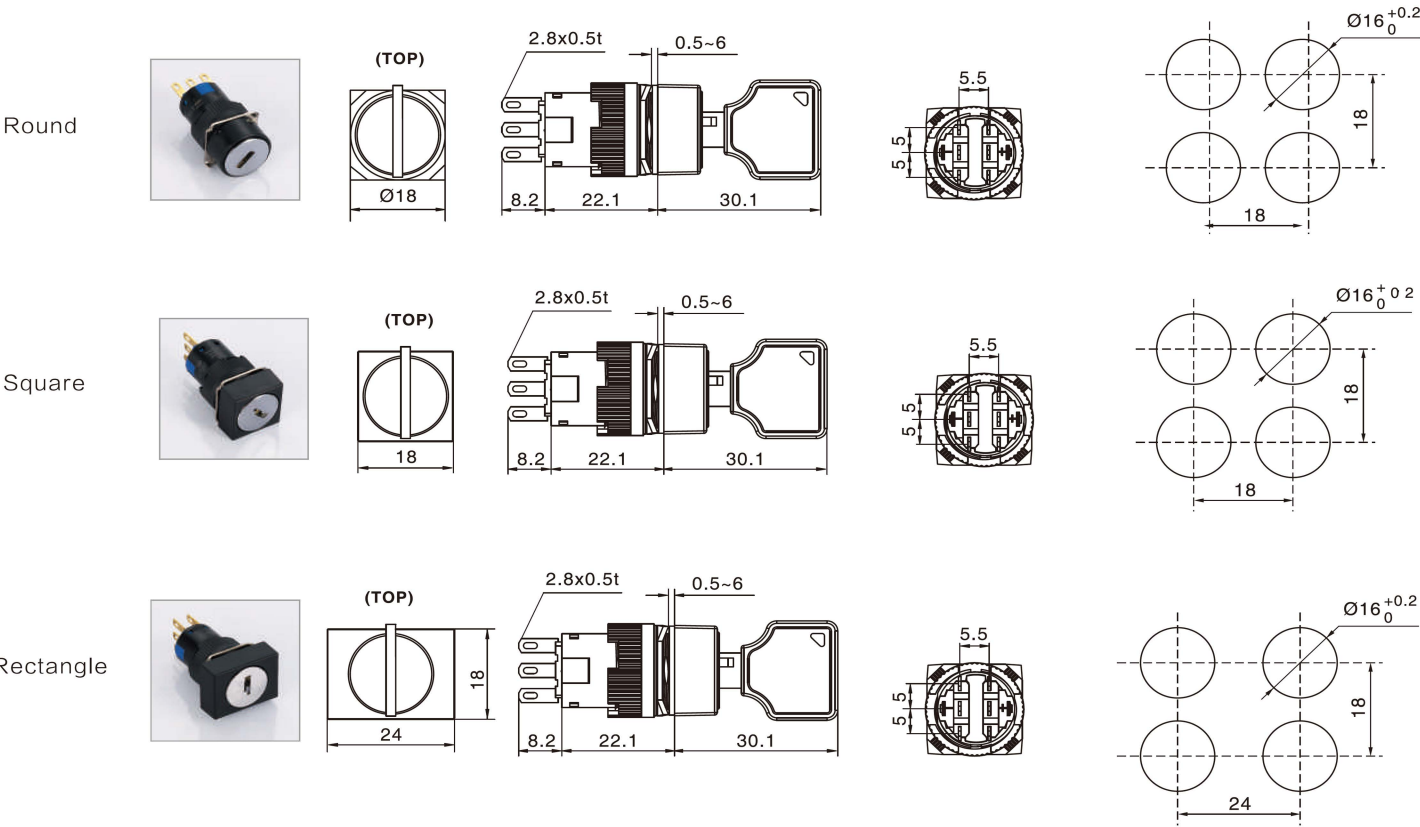
KeyLock Switches

Product appearance	Operation		Contact	Model
Round  	90° 2 2 Postion	 Maintained	SPDT	RJSPS16A ROUND -6112
		 Momentary	SPDT	RJSPS16A ROUND -6110
		 Maintained	DPDT	RJSPS16A ROUND -6122
		 Momentary	DPDT	RJSPS16A ROUND -6120
	90° 3 3 Postion	 Maintained	DPDT	RJSPS16A ROUND -7123
		 Left lock Right reset	DPDT	RJSPS16A ROUND -7127
		 Left reset Right lock	DPDT	RJSPS16A ROUND -7126
		 Momentary	DPDT	RJSPS16A ROUND -7121
Square  	90° 2 2 Postion	 Maintained	SPDT	RJSPS16A SQUARE-6212
		 Momentary	SPDT	RJSPS16A SQUARE-6210
		 Maintained	DPDT	RJSPS16A SQUARE -6222
		 Momentary	DPDT	RJSPS16A SQUARE -6220
	90° 3 3 Postion	 Maintained	DPDT	RJSPS16A SQUARE -7223
		 Left lock Right reset	DPDT	RJSPS16A SQUARE -7227
		 Left reset Right lock	DPDT	RJSPS16A SQUARE -7226
		 Momentary	DPDT	RJSPS16A SQUARE -7221
Rectangle  	90° 2 2 Postion	 Maintained	SPDT	RJSPS16A RECTANGULAR -6312
		 Momentary	SPDT	RJSPS16A RECTANGULAR -6310
		 Maintained	DPDT	RJSPS16A RECTANGULAR -6322
		 Momentary	DPDT	RJSPS16A RECTANGULAR -6320
	90° 3 3 Postion	 Maintained	DPDT	RJSPS16A RECTANGULAR -7323
		 Left lock Right reset	DPDT	RJSPS16A RECTANGULAR -7327
		 Left reset Right lock	DPDT	RJSPS16A RECTANGULAR -7326
		 Momentary	DPDT	RJSPS16A RECTANGULAR -7321

Selector and Key Switch Handle Positon

Operation					Contact			
90° 2 2 Positon					SPDT			
	Maintained		Momentary		DPDT			
90° 3 3 Positon					TPDT			
	Maintained	Left lock Right reset	Left reset Right lock	Momentary				

Installation size



Contacts circuit

