

RJSPS16A SERIES

SELECTOR 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



Related certification

Standard	signal	
UL 508		UL Recognized File No. E307512
EN60947-1 EN60947-5-1		
GB 14048.5		

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 Selector /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	—

LED Ratings

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

How to Order

16

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Mounting Size

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Operation Style

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Operation Characteristic

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Contact Structure

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Selection Code

4: Selector (2P)
5: Selector (3P)
6: Key Switch (2P)
7: Key Switch (3P)

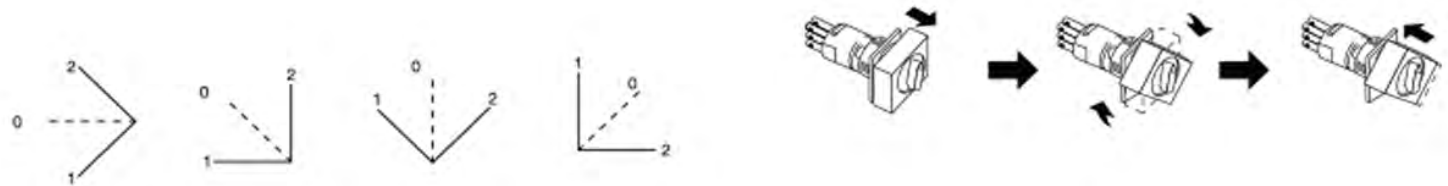
1: Round
2: Square
3: Rectangular

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

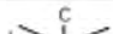
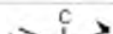
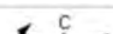
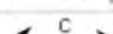
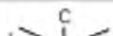
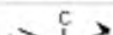
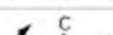
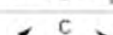
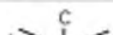
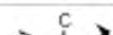
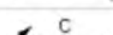
Sort	Reset Style				Key out Positon							
	Maintained	Momentary										
3Positon												
Code	2	0			A	B		D				
3Positon												
Code	3	7	6	1	A	B	C	D	E	F	G	

Selector/Key basic rotation angle 90°



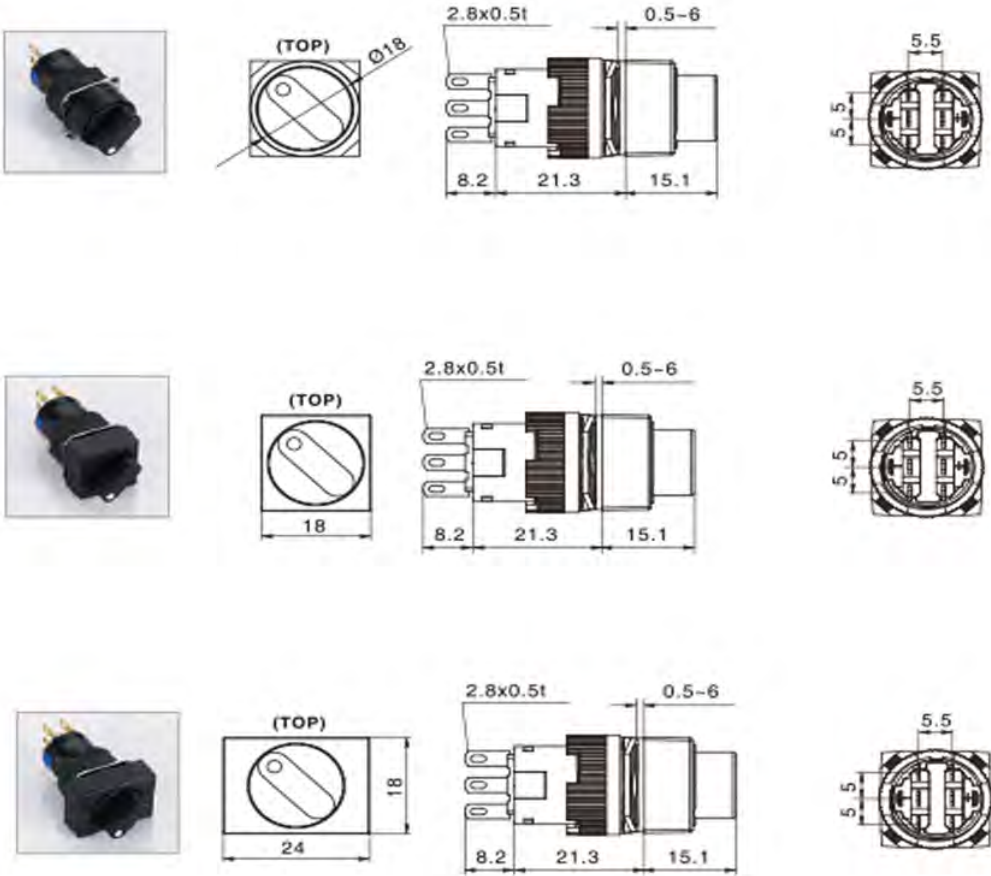
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SELECTOR SWITCH

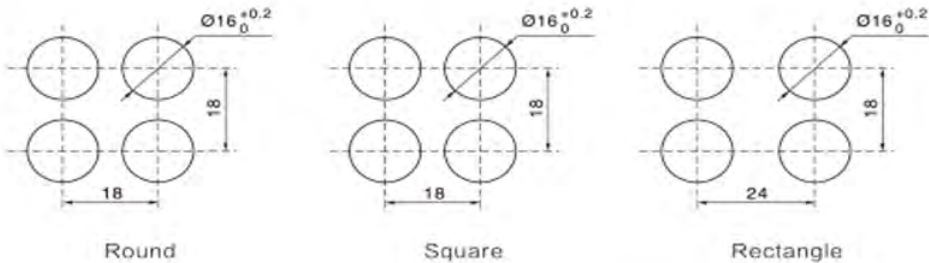
Product appearance	Operation			Contact
Round  	90° 2 2 Postion		Maintained	SPDT
90° 3 3 Postion			Momentary	SPDT
			Maintained	DPDT
			Momentary	DPDT
			Maintained	DPDT
			Left lock Right reset	DPDT
			Left reset Right lock	DPDT
			Momentary	DPDT
	Square  	90° 2 2 Postion		Maintained
			Momentary	SPDT
			Maintained	DPDT
			Momentary	DPDT
90° 3 3 Postion			Maintained	DPDT
			Left lock Right reset	DPDT
			Left reset Right lock	DPDT
			Momentary	DPDT
Rectangle  	90° 2 2 Postion		Maintained	SPDT
			Momentary	SPDT
			Maintained	DPDT
			Momentary	DPDT
	90° 3 3 Postion		Maintained	DPDT
			Left lock Right reset	DPDT
			Left reset Right lock	DPDT
			Momentary	DPDT

Selector and Key Switch Handle Positon

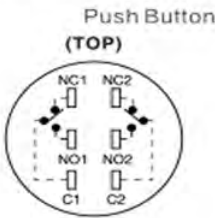
Operation					Contact	↖	↑	↗
90° 2 2 Positon	L  R Maintained		L  R Momentary		SPDT			
					DPDT			
90° 3 3 Positon	L  R Maintained	L  R Left lock Right reset	L  R Left reset Right lock	L  R Momentary	TPDT			

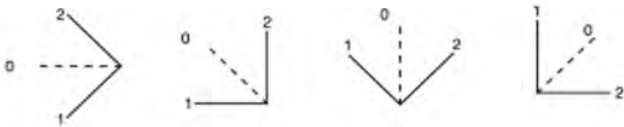


Installation size



Terminal style

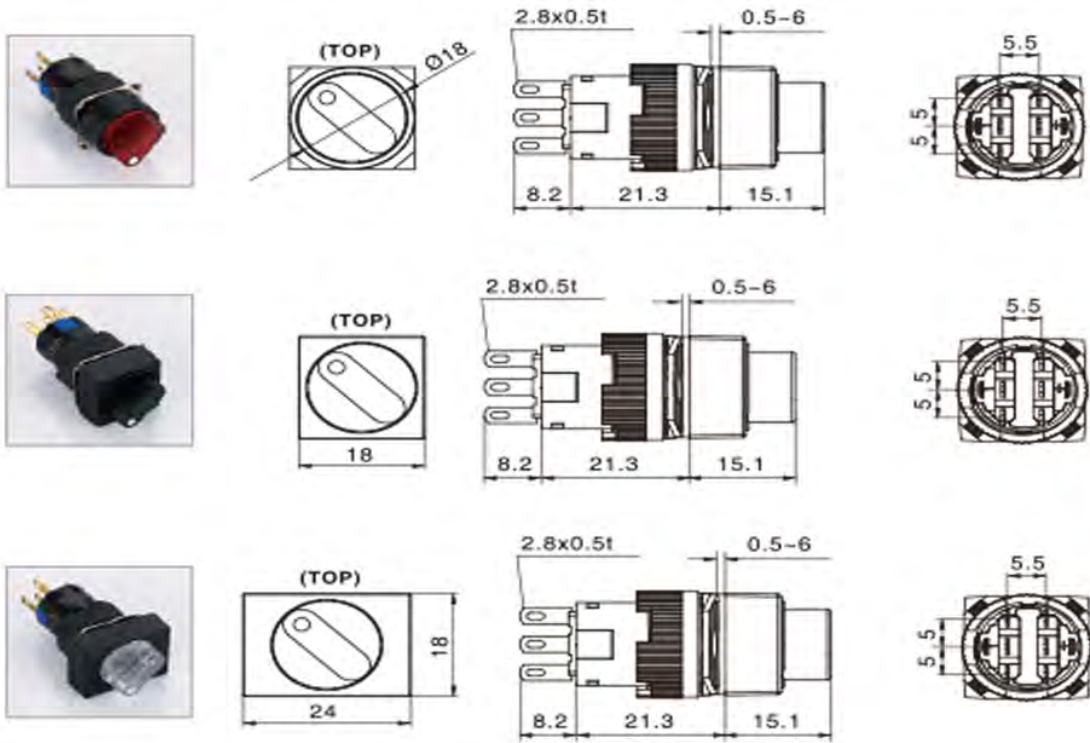




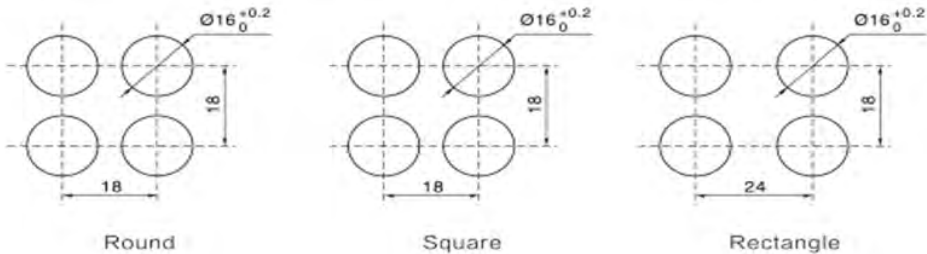
Product appearance	Operation			Contact	Top Color	Rated Voltage	
Round  	90° 2 2 Position		/Maintained	/SPDT		D:24VDC E:12VDC F:6.3VDC A1:110VAC A2:220VAC	
			Momentary	/SPDT			Red
			Maintained	DPDT			Green
			Momentary	DPDT			Yellow
	90° 3 3 Position		Maintained	DPDT			White
			Left lock Right reset	DPDT			Blue
			Left reset Right lock	DPDT			
			Momentary	DPDT			
Square  	90° 2 2 Position		Maintained	/SPDT		D:24VDC E:12VDC F:6.3VDC A1:110VAC A2:220VAC	
			Momentary	/SPDT			Red
			Maintained	DPDT			Green
			Momentary	DPDT			Yellow
	90° 3 3 Position		Maintained	DPDT			White
			Left lock Right reset	DPDT			Blue
			Left reset Right lock	DPDT			
			Momentary	DPDT			
Rectangle  	90° 2 2 Position		Maintained	/SPDT		D:24VDC E:12VDC F:6.3VDC A1:110VAC A2:220VAC	
			Momentary	/SPDT			Red
			Maintained	DPDT			Green
			Momentary	DPDT			Yellow
	90° 3 3 Position		Maintained	DPDT			White
			Left lock Right reset	DPDT			Blue
			Left reset Right lock	DPDT			
			Momentary	DPDT			

Selector and Key Switch Handle Positon

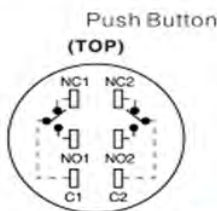
Operation		Contact	↖	↑	↗
90° 2 2 Positon	 Maintained				
	 Momentary				
90° 3 3 Positon	 Maintained				
	 Left lock Right reset				
	 Left reset Right lock				
	 Momentary				



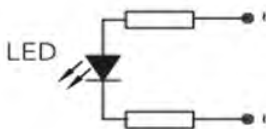
Installation size



Terminal style



LED Circuit



12VDC, 24VDC, 110VAC, 220VAC
for 12VDC, 24VDC, 110VAC, 220VAC