

RJSPS16A SERIES

PUSH BUTTON SWITCH



LED Ratings

Rated Voltage	Current
5V DC ± 5%	8mA
6V AC/DC (± 10%)	AC: A, R, W, Y: 8mA
	G, S: 7mA
12V AC/DC (± 10%)	DC: A, R, W, Y: 6mA
	G, S: 5mA
24V AC/DC (± 10%)	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℃to +55℃
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

How to Order

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

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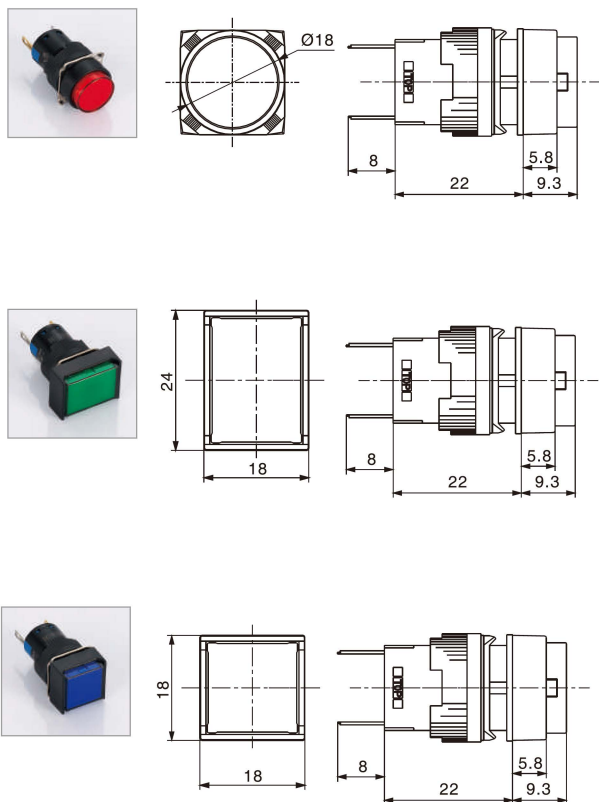
Product appearance	Operation	Illuminated type	Contact	Model	Colour	Rated Voltage
<div>Round</div> <div></div> <div></div>	Momentary	Without LED	SPDT	RJSPS16A~ -211	<div><div>R</div> Red</div> <div><div>G</div> Green</div> <div><div>Y</div> Yellow</div> <div><div>W</div> White</div> <div><div>B</div> Blue</div> <div><div>A</div> Orange</div>	D:24VDC E:12VDC F:6.3VDC A1:110VAC A2:220VAC
			DPDT	RJSPS16A~ -212		
		With LED	SPDT	RJSPS16A~ -271		
			DPDT	RJSPS16A~ -272		
	Latching	Without LED	SPDT	RJSPS16A~ -311		
			DPDT	RJSPS16A~ -312		
		With LED	SPDT	RJSPS16A~ -371		
			DPDT	RJSPS16A~ -372		
<div>Square</div> <div></div> <div></div>	Momentary	Without LED	SPDT	RJSPS16A~ -221	<div><div>R</div> Red</div> <div><div>G</div> Green</div> <div><div>Y</div> Yellow</div> <div><div>W</div> White</div> <div><div>B</div> Blue</div> <div><div>A</div> Orange</div>	24VDC 12VDC 6.3VDC 110VAC 220VAC
			DPDT	RJSPS16A~ -222		
		With LED	SPDT	RJSPS16A~ -281		
			DPDT	RJSPS16A~ -282		
	Latching	Without LED	SPDT	RJSPS16A~ -321		
			DPDT	RJSPS16A~ -322		
		With LED	SPDT	RJSPS16A~ -381		
			DPDT	RJSPS16A~ -382		
<div>Rectangle</div> <div></div> <div></div>	Momentary	Without LED	SPDT	RJSPS16A~ -231	<div><div>R</div> Red</div> <div><div>G</div> Green</div> <div><div>Y</div> Yellow</div> <div><div>W</div> White</div> <div><div>B</div> Blue</div> <div><div>A</div> Orange</div>	24VDC 12VDC 6.3VDC 110VAC 220VAC
			DPDT	RJSPS16A~ -232		
		With LED	SPDT	RJSPS16A~ -291		
			DPDT	RJSPS16A~ -292		
	Latching	Without LED	SPDT	RJSPS16A~ -331		
			DPDT	RJSPS16A~ -332		
		With LED	SPDT	RJSPS16A~ -391		
			DPDT	RJSPS16A~ -392		

# RJSPS16A SERIES

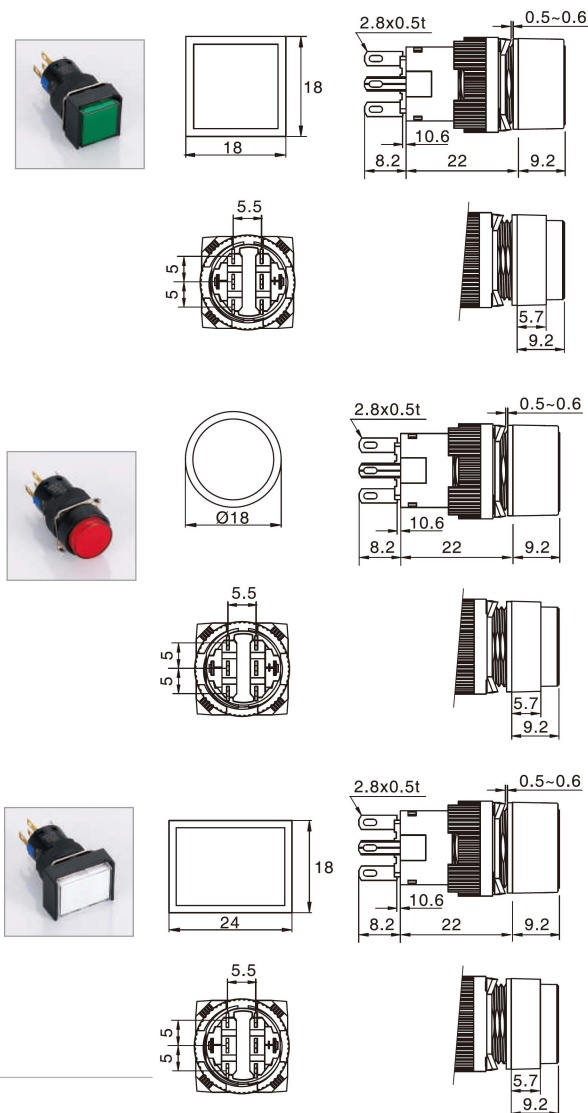
PUSH BUTTON SWITCH



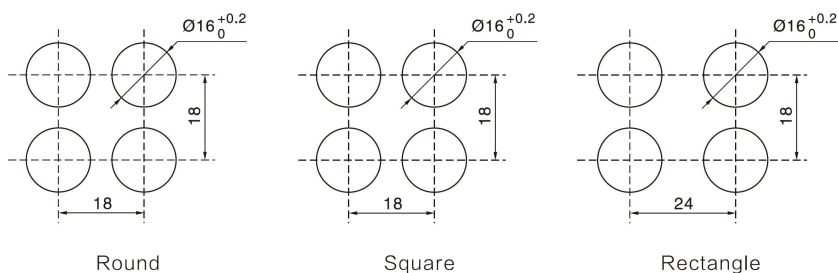
## Single Pole



## Double Pole

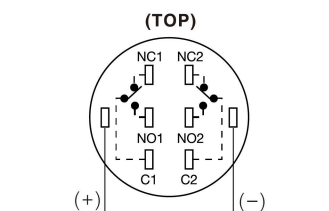


## Installation size

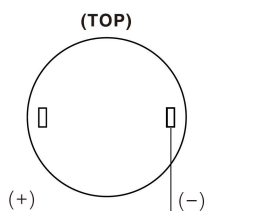


## Terminal style

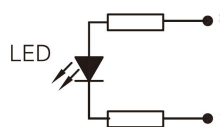
Push Button



Indicator



## LED Circuit








12VDC, 24VDC, 110VAC, 220VAC

# RJSPS16A SERIES

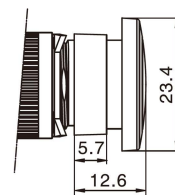
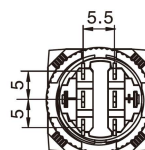
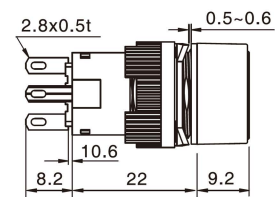
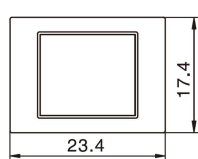
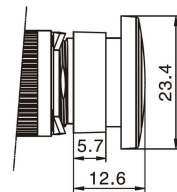
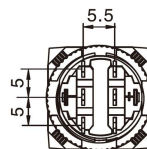
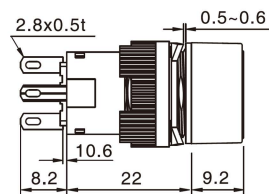
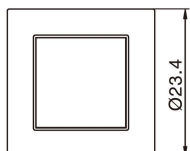
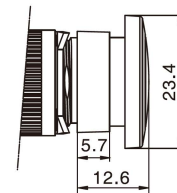
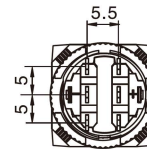
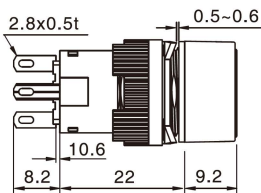
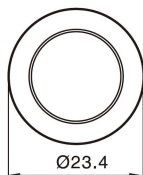
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Product appearance	Operation	Illuminated type	Contact	Model	Colour	Rated Voltage	
<div>Round</div> <div></div> <div></div>	Momentary	Without LED	SPDT	RJSPS16A~ -911	<div><div>R</div> Red</div> <div><div>G</div> Green</div> <div><div>Y</div> Yellow</div> <div><div>W</div> White</div> <div><div>B</div> Blue</div>	24VDC 12VDC 6.3VDC 110VAC 220VAC	
			DPDT	RJSPS16A~ -912			
		With LED	SPDT	RJSPS16A~ -971			
			DPDT	RJSPS16A~ -972			
	Maintained	Without LED	SPDT	RJSPS16A~ -911H			
			DPDT	RJSPS16A~ -912H			
		With LED	SPDT	RJSPS16A~ -971H			
			DPDT	RJSPS16A~ -972H			
	<div>Square</div> <div></div> <div></div>	Momentary	Without LED	SPDT	RJSPS16A~ -921	<div><div>R</div> Red</div> <div><div>G</div> Green</div> <div><div>Y</div> Yellow</div> <div><div>W</div> White</div> <div><div>B</div> Blue</div>	24VDC 12VDC 6.3VDC 110VAC 220VAC
				DPDT	RJSPS16A~ -922		
With LED			SPDT	RJSPS16A~ -981			
			DPDT	RJSPS16A~ -982			
Maintained		Without LED	SPDT	RJSPS16A~ -921H			
			DPDT	RJSPS16A~ -922H			
		With LED	SPDT	RJSPS16A~ -981H			
			DPDT	RJSPS16A~ -982H			
<div>Rectangle</div> <div></div> <div></div>		Momentary	Without LED	SPDT	RJSPS16A~ -931	<div><div>R</div> Red</div> <div><div>G</div> Green</div> <div><div>Y</div> Yellow</div> <div><div>W</div> White</div> <div><div>B</div> Blue</div>	24VDC 12VDC 6.3VDC 110VAC 220VAC
				DPDT	RJSPS16A~ -932		
	With LED		SPDT	RJSPS16A~ -991			
			DPDT	RJSPS16A~ -992			
	Maintained	Without LED	SPDT	RJSPS16A~ -931H			
			DPDT	RJSPS16A~ -932H			
		With LED	SPDT	RJSPS16A~ -991H			
			DPDT	RJSPS16A~ -992H			

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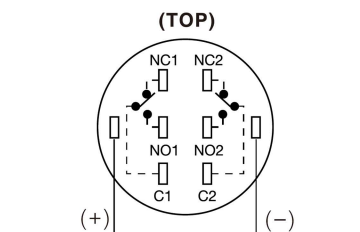
Terminal style



LED Circuit

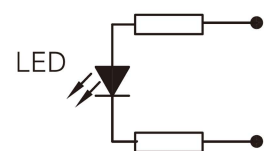
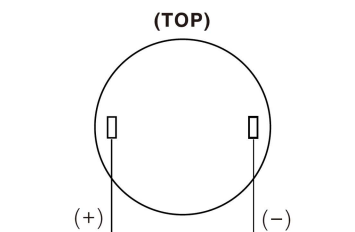
Push Button

(TOP)



Indicator

(TOP)



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