

# RJSPS16B SERIES

EMERGENCY STOP SWITCH



## Emergency Switches



### 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	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

### Related certification

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

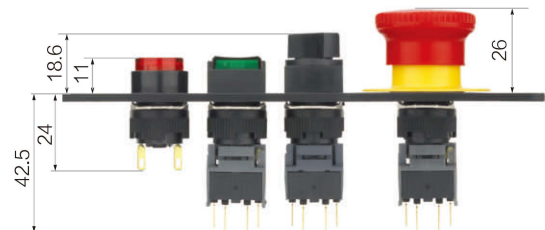
### Contact Ratings

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 AC: A, R, W, Y: 8mA G, S: 7mA
6V AC/DC (± 10%)	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

Installation depth of other products is 42.5mm except for indicator lamp



### How to Order

RJSPS16B



Operation Style	Operation Characteristic	Contact Structure	Color	Voltage	Degree of Protection	Lamp Shade
E-stop(Normal)	Mushroom	Nil	Red	24VDC	IP65	Camber Lamp Shade(arc)
E-Stop(SWitch Warning Label)	Round	SPDT(1a+1b)		12VDC		
E-Stop	Square	DPDT(2a+2b)		6.3VDC		
	Rectangle	TPDT(3a+3b)		110VAC		
	Round (LED)	Maintained		220VAC		
	Square (LED)	Only Mushroom				
	Rectangle (LED)	Maintained (Only Mushroom)				

# RJSPS16B SERIES

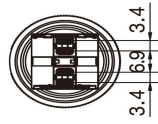
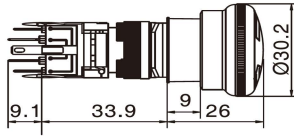
EMERGENCY STOP SWITCH



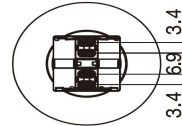
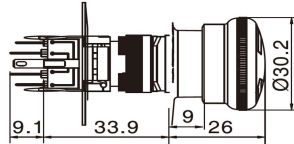
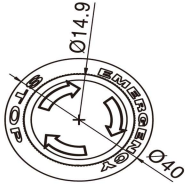
Product appearance	Operation	Illuminated type	Contact	Model	Top Colour	Rated Voltage
<p>E-stop button</p>  <p></p>	Maintained	Without LED	SPDT	RJSPS16B EMERGENCY STOP 2 - <b>6-811</b> <input type="checkbox"/> ●	<b>R</b> Red	24VDC 12VDC 6.3VDC 110VAC 220VAC
			DPDT	RJSPS16B EMERGENCY STOP 2 - <b>6-812</b> <input type="checkbox"/> ●		
			TPDT	RJSPS16B EMERGENCY STOP 2 - <b>6-813</b> <input type="checkbox"/> ●		
		With LED	SPDT	RJSPS16B EMERGENCY STOP 2 - <b>6-871</b> <input type="checkbox"/>		
			DPDT	RJSPS16B EMERGENCY STOP 2 - <b>6-872</b> <input type="checkbox"/>		
			TPDT	RJSPS16B EMERGENCY STOP 2 - <b>6-873</b> <input type="checkbox"/>		
<p>With warning LED E-stop</p>  <p></p>	Maintained	Without LED	SPDT	RJSPS16B EMERGENCY STOP <b>-A11</b> <input type="checkbox"/> ●	<b>R</b> Red	24VDC 12VDC 6.3VDC 110VAC 220VAC
			DPDT	RJSPS16B EMERGENCY STOP <b>-A12</b> <input type="checkbox"/> ●		
			TPDT	RJSPS16B EMERGENCY STOP <b>-A13</b> <input type="checkbox"/> ●		
		With LED	SPDT	RJSPS16B EMERGENCY STOP <b>-A71</b> <input type="checkbox"/>		
			DPDT	RJSPS16B EMERGENCY STOP <b>-A72</b> <input type="checkbox"/>		
			TPDT	RJSPS16B EMERGENCY STOP <b>-A73</b> <input type="checkbox"/>		
<p>B type E-stop</p>  <p></p>	Maintained	Without LED	SPDT	RJSPS16B EMERGENCY STOP 3 - <b>-B11</b> <input type="checkbox"/> ●	<b>R</b> Red	24VDC 12VDC 6.3VDC 110VAC 220VAC
			DPDT	RJSPS16B EMERGENCY STOP 3 - <b>-B12</b> <input type="checkbox"/> ●		
			TPDT	RJSPS16B EMERGENCY STOP 3 - <b>-B13</b> <input type="checkbox"/> ●		
		With LED	SPDT	RJSPS16B EMERGENCY STOP 3 - <b>-B71</b> <input type="checkbox"/>		
			DPDT	RJSPS16B EMERGENCY STOP 3 - <b>-B72</b> <input type="checkbox"/>		
			TPDT	RJSPS16B EMERGENCY STOP 3 - <b>-B73</b> <input type="checkbox"/>		

# RJSPS16B SERIES

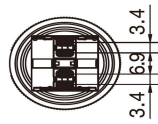
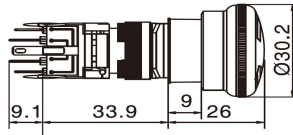
EMERGENCY STOP SWITCH



RJSPS16B EMERGENCY STOP 2

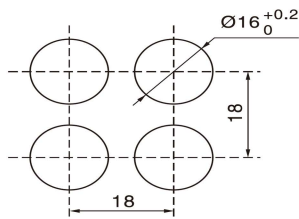


RJSPS16B EMERGENCY STOP

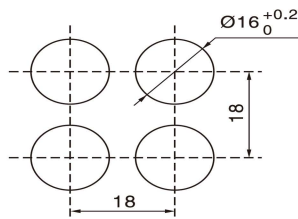


RJSPS16B EMERGENCY STOP 3

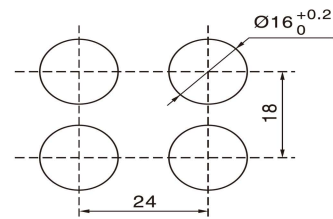
Installation size



Round

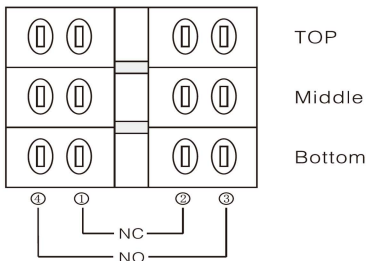


Square



Rectangle

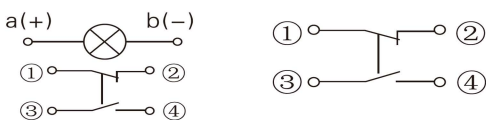
Terminal style



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)

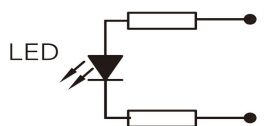
Contacts Circuit



With LED circuit

Without LED circuit

LED Circuit



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