

RJSPS1622B SERIES

PUSH BUTTON SWITCH



Features

Installation diameter: 16/22mm
Degree of Protection: IP65
Silver Plated of contact: 3 μ
Compact and could be separate design
Momentary, Maintained, Selector
Super bright LED cold light source lamp display
Flush silhouette

Related certification

Standard	signal	Agency certification
UL508		Under certification
GB14048.5		Under certification
EN60947-5-1 EN60947-5-5		Self-declaration (According to the European Low Voltage Directive)



Specifications

Degree of Protection	IP40, Customizable IP65
Contact Configuration	SPDT, DPDT, TPDT
Maximum Voltage	250V AC/DC
Thermal Current	5A
Minimum Applicable Load	5V AC/DC, 1mA
Contact Material	Silver alloy (gold plated)
Terminal Style	110 terminal type tab
Operating Temperature	-25°C to +60°C
Operating Humidity	45 to 85% RH
Contact Resistance	50m Ω maximum

Electrical Life	100,000 Operations minimum
Mechanical Life	Maintained: 100,000 Momentary: 1,000,000 Selector /Keylock: 250, 000 (operations minimum)
Dielectric Strength	1500VAC 1min
Insulation Resistance	100M Ω minimum (500V DC megger)
Vibration Resistance	10 to 55Hz, amplitude 1.2mm p-p
Degree of Protection	>10G

LED Ratings

Bead Voltage	Current
3V DC	8mA
6-48V AC/DC	7-10mA
110-220V AC	2-3mA

Contact Ratings (AC-15 DC-13)

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	—

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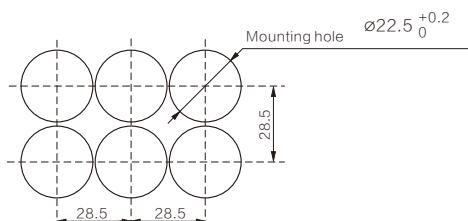


Pushbutton Select Code

PS1622B						
Mounting Size	Operation Style	Operation Characteristic	Contact Structure	Color	Voltage	Degree of Protection
	1: Indicator 2: Momentary 3: Maintained	1: Round 2: Square 7: Round (LED) 8: Square (LED)	0: Nil 1: SPDT(1a+1b) 2: DPDT(2a+2b) 3: TPDT(3a+3b)	Shade color <div> <div>R</div> Red <div>G</div> Green <div>Y</div> Yellow <div>W</div> White <div>B</div> Blue <div>A</div> Orange </div>	D:24VDC E:12VDC F:6.3VDC A1:110VAC A2:220VAC	Nil F: IP65
				Ring color <div> <div>K</div> Black <div>S</div> Silver </div>		

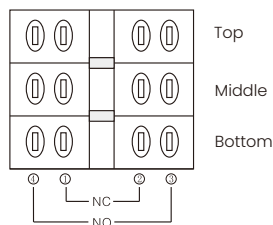
Installation size

Round/Square



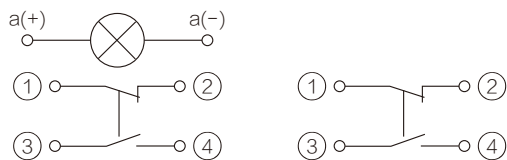
Note: above installation gap is the min value, please determine the installation hole gap according to equipment operation property and using property.

Terminal style



When the base of the product on the right is seen as the front, the terminal arrangement sequence and internal circuit diagram. When the product is produced, the contact base is basically installed with 1C (1a+1b), and when necessary, please specify a maximum of 3C (1a+1b).

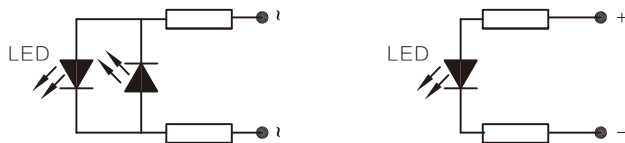
Contacts Circuit



With LED circuit

Without LED circuit

LED Circuit



For 6VAC, 12VAC, 24VAC, 48VAC, 110VAC, 220VAC

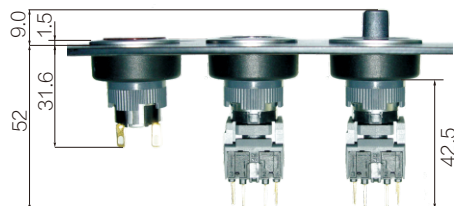
For 6.3VDC, 12VDC, 24VDC

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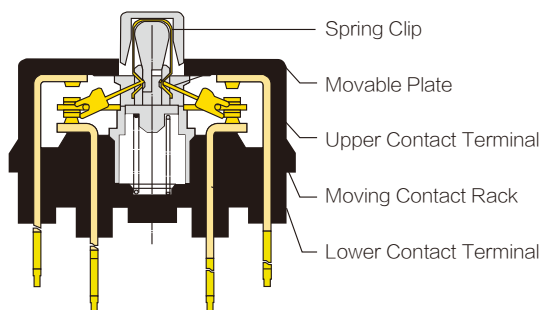
PUSH BUTTON SWITCH



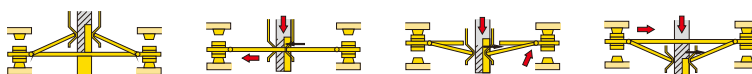
Installation depth(mm)



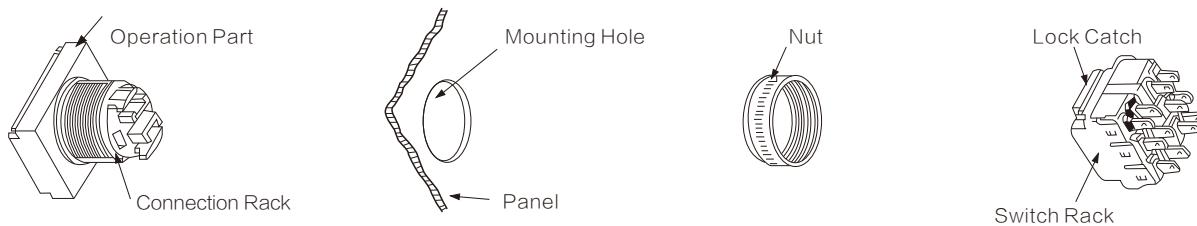
Contact Structure Chart



Installation depth of other products is 52mm except for indicator lamp



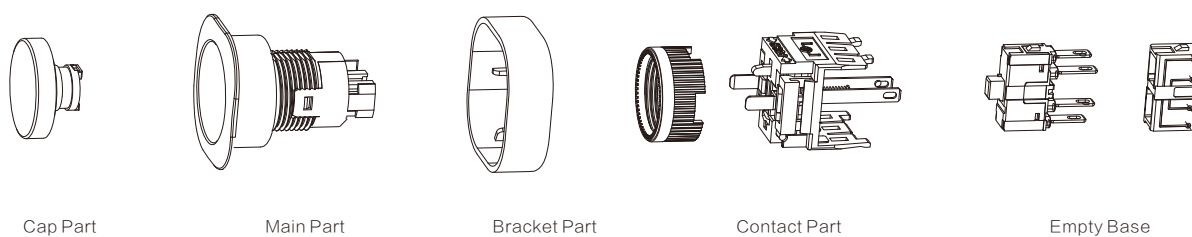
Mounting



Important information

1. In the lock state do not open the alternate type button, it could lead to internal structure damage.
2. Easily rotate choose Switch and Key Switch can, operation do not excessive force (1 N.m above)
3. Installation of us 22M16, please pay attention to install board can't more than cover the biggest 2.6mm. waterproof cover the biggest 2.0mm, the largest ring 1mm.
4. When installation, please use the special spanner, appropriate imprisonment torque to 0.6~1 N.m
5. Welding operations, pay attention to the following:
 - 1) Soldering pen for 30W power below.
 - 2) Solder must bring gum rosin solder wire.
 - 3) Welding duration when 30W 5s, when 20W within 10 Seconds.

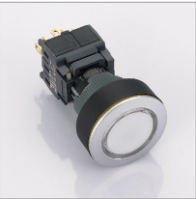
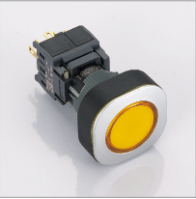
Assembling

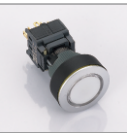


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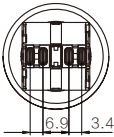
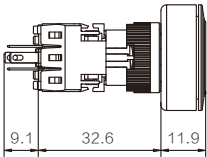
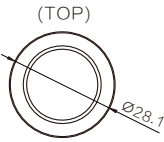
PUSH BUTTON SWITCH



Product appearance	Operation	Illuminated type	Contact	Model	Ring Color	Top Color	Rated Voltage
<div>Round</div> 	Momentary	Without LED	SPDT	PSI622B-211	<div><div>K</div>Black</div> <div><div>S</div>Silver</div>	<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	PSI622B-212			
			TPDT	PSI622B-213			
		With LED	SPDT	PSI622B-271			
			DPDT	PSI622B-272			
			TPDT	PSI622B-273			
	Maintained	Without LED	SPDT	PSI622B-311			
			DPDT	PSI622B-312			
			TPDT	PSI622B-313			
		With LED	SPDT	PSI622B-371			
			DPDT	PSI622B-372			
			TPDT	PSI622B-373			
<div>Square</div> 	Momentary	Without LED	SPDT	PSI622B-221	<div><div>K</div>Black</div> <div><div>S</div>Silver</div>	<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	PSI622B-222			
			TPDT	PSI622B-223			
		With LED	SPDT	PSI622B-281			
			DPDT	PSI622B-282			
			TPDT	PSI622B-283			
	Maintained	Without LED	SPDT	PSI622B-321			
			DPDT	PSI622B-322			
			TPDT	PSI622B-323			
		With LED	SPDT	PSI622B-381			
			DPDT	PSI622B-382			
			TPDT	PSI622B-383			



SPDT
DPDT
TPDT



SPDT
DPDT
TPDT

