



■ Features

- 12/16/19/22/25mm
- IP67/IP68/IK10
- LED
- ≤0.5mm Microtravel

IEC60947-5-1 GB14048.5
Conform to IEC60947-5-1 GB14048.5 Standard

Technical Parameter

Degree of Protection	IP67/IP68
Contact Type	1 NO
Rated Voltage	DC36V
Rated Current	2A
Minimum Applicable Load	3V AC/DC, 1mA
Contact material	Silver plated
Operating Temperature	-25° to +55℃
Operating Humidity	45 to 85% RH
Contact Resistance	≤50mΩ
Insulation Resistance	≤50mΩ
Vibration Resistance	10 to 55Hz, amplitude 1.2mm p-p
Degree of Protection	>10g
Electrical Life	200,000 operations minimum (at full rated load)
Mechanical Life	1,000,000 operations minimum
Dielectrical Life	Switch Unit: 2,000V AC, 1 min. 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, 1 min. between live part/ground
Connection Form	Foot welding
Soldering Temperature	20W/5 seconds or 260℃/3 seconds
Tightening Torque	5-14N.m
Action Stroke	≤0.5mm
Action Force	≤3N



Ultra Short Metal Button

RoHS SGS CE

Metal Button Switch

Pushbutton Select Code

RJS1N1LP	—					—		
Install Size	Action Style:	Shape of Top:	Contact Type:	Install Style:	Color:	Voltage:	Material:	
12mm 16mm 19mm 22mm 25mm	Microtravel (Momentary)	NO LED Ring Illumated	1NO (SPST)	Screw Type PCB Type	R Red G Green B Blue W White Y Yellow O Orange	24VDC 12VDC 5V/6.3VDC 3VDC	Stainless steel Black Anodised Alu	

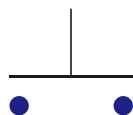
Lamp Ratings

Lamp Type	LED lamp(DC)
Rated Voltage	3V,6V,12V,24V
Rated Current	About 15mA About 2mA
LED Color	R G Y O B W
Life	50000 hours(Reference)
Lamp Circuit diagram	Built in resistors; use 0603 patch beads.
Power	0.06W
Chromogenic index	60-70
Luminous flux	80-100mcd(lm)
Forward voltage	2.0-3.2V
Reverse voltage	3V
(ESD) Electrostatic breakdown voltage	3000V
Rated current	0.006A
Lighting angle	120°
Luminous efficiency	110(lm/W)
thermal resistance	≤50℃/W
Maximum allowable junction temperature	120℃
Ageing time	1000 hours of conventional aging 100%; 6000 hours conventional aging 98%

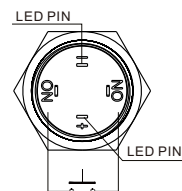
Ultra short button



Contact Diagram



Contact Style



Terminal Description



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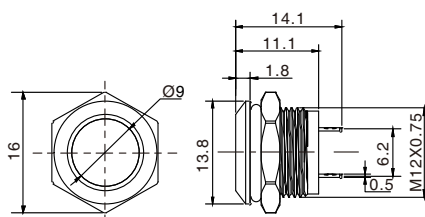
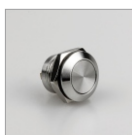
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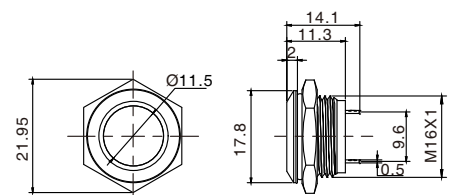
RJS / Ultra short metal button

Product appearance	Illuminated type	Operation	Contact	Model	Crust Material
Chamfer edge flat face 	No LED	<0.5mm Microtravel	1NO	RJS1N1LP-12M	Stainless Steel Black Anodised Alu
Chamfer edge flat face 	No LED	<0.5mm Microtravel	1NO	RJS1N1LP-16M	
Chamfer edge flat face 	No LED	<0.5mm Microtravel	1NO	RJS1N1LP-19M	
Chamfer edge flat face 	No LED	<0.5mm Microtravel	1NO	RJS1N1LP-22M	
Chamfer edge flat face 	No LED	<0.5mm Microtravel	1NO	RJS1N1LP-25M	

RJS1N1LP-12M



RJS1N1LP-16M

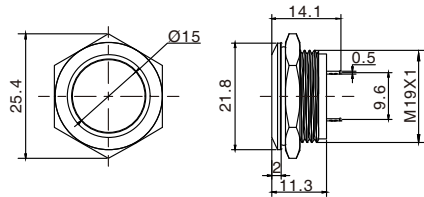


Ultra Short Metal Button

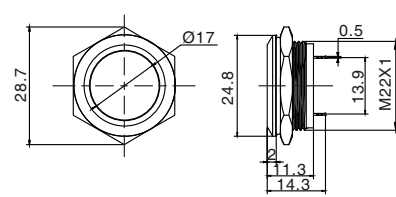
RoHS SGS CE

Metal Signal Lamp

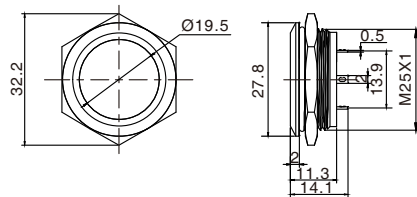
RJS1N1LP-19M



RJS1N1LP-22M



RJS1N1LP-25M



Ultra short metal button with lamp

Product appearance	Install Style	Operation	Contact	Model	Color	Rated Voltage	Crust Material
Chamfer edge flat face 	PCB Type	<0.5mm Microtravel	1NO	RJS1N1LP-12M	R Red G Green Y Yellow W White B Blue O Orange	24VDC 12VDC 6.3VDC 110VAC 220VAC	Stainless Steel Black Anodised Alu
Chamfer edge flat face 	PCB Type	<0.5mm Microtravel	1NO	RJS1N1LP-16M			
Chamfer edge flat face 	PCB Type	<0.5mm Microtravel	1NO	RJS1N1LP-19M			
Chamfer edge flat face 	Screw Type	<0.5mm Microtravel	1NO	RJS1N1LPS-19M			

Ultra short button



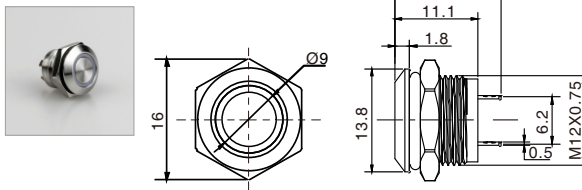
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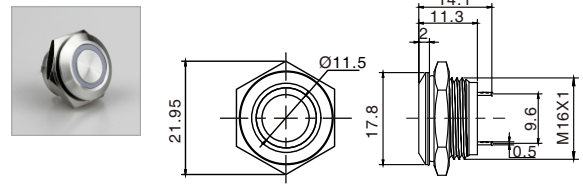


Product appearance	Install Style	Operation	Contact	Model	Color	Rated Voltage	Crust Material
Chamfer edge flat face 	PCB Type	<0.5mm Microtravel	1NO	RJS1N1LP-22M	R Red G Green Y Yellow W White B Blue O Orange	24VDC 12VDC 6.3VDC 110VAC 220VAC	Stainless Steel Black Anodised Alu
Chamfer edge flat face 	PCB Type	<0.5mm Microtravel	1NO	RJS1N1LP-25M			

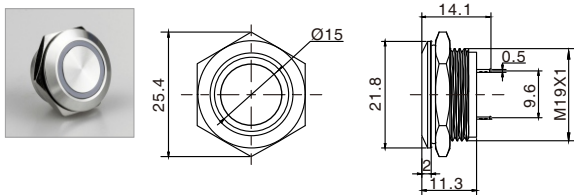
RJS1N1LP-12M



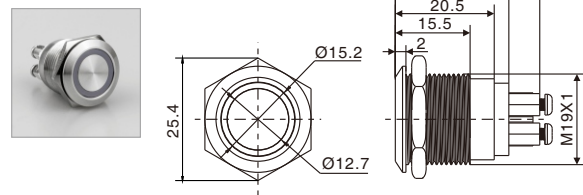
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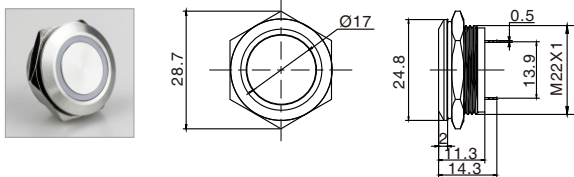
RJS1N1LP-19M



RJS1N1LPS-12M



RJS1N1LP-22M



RJS1N1LP-25M

