

## 22mm metal push button switch

### Part Number

22 - □ □ □ □ □ □ □ □ □ □ □ □																					
Company code	Mounting Hole Size	Series	Actuator type	Contact Combination	Operation type	Connection type	LED type	LED color	LED Voltage	Button color	Housing color	Shell Material									
WD	Φ 22mm	A	F Flat	10 1NO	M Momentary	Q Solder Terminal (Quick-connect)	N No LED	N No LED	N No LED	N Natural	N Natural	S Stainless Steel									
				11 1NO1NC			D Dot	R Red	1 2V	R Red	R Red	B Brass Nickered									
				22 2NO2NC			R Ring	O Orange	2 3V	O Orange	O Orange	A Zn-Al Alloy Anodized									
		B	H High flush (Raised)	L Self-locking (Latched)	S Screw Terminal	M	Dot and Ring	Y Yellow	G Green	4 12V	G Green	G Green	G Green	P PBT							
															C	B Ball (Dome)	B Blue	5 24V	B Blue	B Blue	G Gold-plated
		L Key lock	S Symbol (Power Symbol Other Symbol)	D Bicolor	7 48V	L Black	L Black														
								X Ring and Symbol	T Tricolor	8 110V	9 220V										
		Note: Can be customized.		Note: Can be customized.																	

Remark: Please choose the suitable code according to the information above.

### Switch Structure

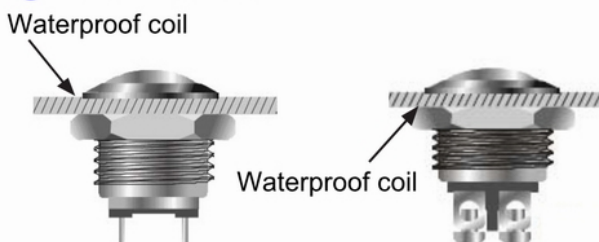
Type	Symbol	Diagram	Explanation
NO.1			Switch with two terminal breakpoints slow moving contact Individual products can be customized normally closed switch, refer to product description.
NO.2			

### LED Specification

Lamp Type	LED (AC/DC)	Lamp Circuit Diagram  LED can be used in AC and DC, with a resistor for different voltage protection.
Rated Voltage	2V/3V/6V/12V/24V/36V/48V/110V/220V or customized	
Rated Current	About 15mA	
Color	<b>R O Y G B W</b> or customized.	
Life	40000 Hours	

Remark: LED can be customized to meet special requirement.

### Panel Installation



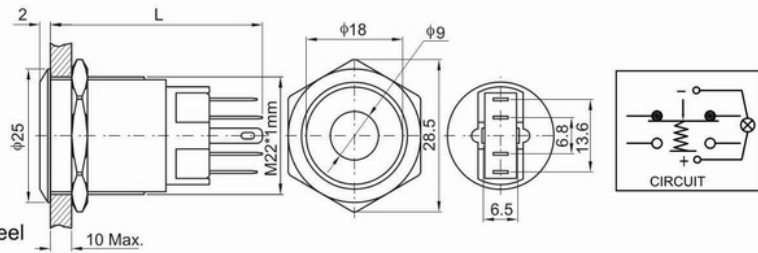
### Related Certification



## 22-B-F11-LQ-D-O-5-N-N-S



Mounting Hole Size:  $\Phi 22\text{mm}$   
 Rating: 5A250VAC  
 Contact combination: 1NO1NC  
 Operation type: Momentary / Latched  
 Actuator type: Flat  
 LED type: Dot  
 Shell Material: Brass nicked/Stainless steel  
 Protection Level: IP65/IP67

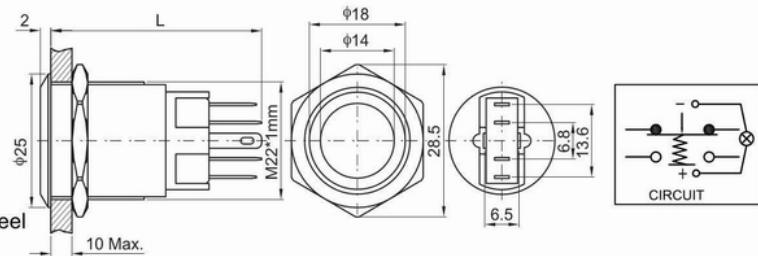


L= Momentary 35.5  
 Self-locking 40

## 22-B-F11-LQ-R-O-5-N-N-S





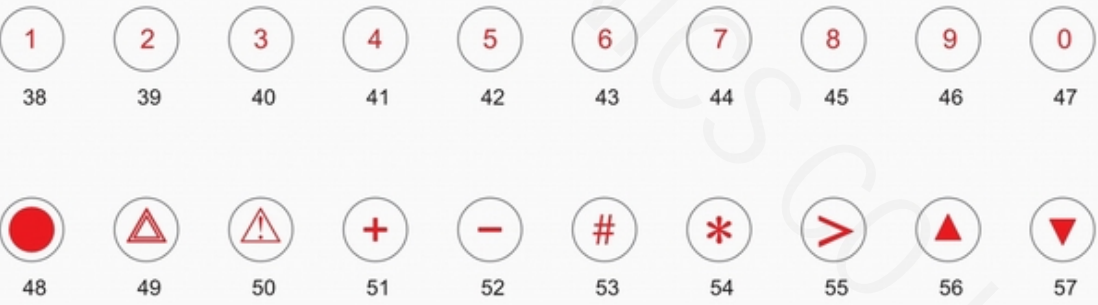

Mounting Hole Size:  $\Phi 22\text{mm}$   
 Rating: 5A250VAC  
 Contact combination: 1NO1NC  
 Operation type: Momentary / Latched  
 Actuator type: Flat  
 LED type: Ring  
 Shell Material: Brass nicked/Stainless steel  
 Protection Level: IP65/IP67



L= Momentary 35.5  
 Self-locking 40

Product Standards		22-B-F11-LQ-D-O-5-N-N-S	22-B-F11-LQ-R-O-5-N-N-S
Terminal Type		Solder Terminal (2.8 x 0.5)	Solder Terminal (2.8 x 0.5)
Contact combination		1NO1NC	1NO1NC
Rating		5A250VAC	5A250VAC
Contact Resistance		$\leq 50\text{m}\Omega$	$\leq 50\text{m}\Omega$
Insulation Resistance		$\geq 1000\text{M}\Omega$	$\geq 1000\text{M}\Omega$
Dielectric Strength		2000VAC	2000VAC
Environment Temperature		$-20^{\circ}\text{C}\sim+55^{\circ}\text{C}$	$-20^{\circ}\text{C}\sim+55^{\circ}\text{C}$
Mechanical Life		>1,000,000 times	>1,000,000 times
Electrical Life		>50,000 times	>50,000 times
Panel Thickness		1~10mm	1~10mm
Nut Torque		5~14Nm	5~14Nm
Operating Pressure		About 5N	About 5N
Operating Stroke		About 3.0mm	About 3.0mm
Protection Level		IP65/IP67	IP65/IP67
Material	Contact	Silver alloy	Silver alloy
	Button	Brass nicked Stainless steel	Brass nicked Stainless steel
	Body	Brass nicked Stainless steel	Brass nicked Stainless steel
	Base	PBT	PBT
Lamp parameters	Types	Dot	Ring
	Rated Voltage	2V/3V/6V/12V/24V/36V/48V/110V/220V or customized.	
	Color	R O Y G B W or customized. R O Y G B W or customized.	
	Life	40000 Hours	

# Symbol List

Special symbols	
Letter symbol	
Numbers and symbols	
Other symbols	

Noted: The Symbols above need to be customized.