

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	
			B H High flush (Raised)	11 1NO1NC	L Self-locking (Latched)	S Screw Terminal	D Dot	R Red	1 2V	R Red	R Red	B Brass Nickered	
			22 2NO2NC				O Orange	2 3V	O Orange	O Orange	A Zn-Al Alloy Anodized		
		C	B Ball (Dome)				R Ring	Y Yellow	3 6V	Y Yellow	Y Yellow	P PBT	
								G Green	4 12V	G Green	G Green	G Gold-plated	
								B Blue	5 24V	B Blue	B Blue		
		D	K Knob				M Dot and Ring	W White	6 36V	W White	W White	W White	
			L Key lock					D Bicolor	7 48V	L Black	L Black	L Black	
								X Symbol (Power Symbol Other Symbol)	8 110V	T Tricolor			
									9 220V				

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

Switch Structure

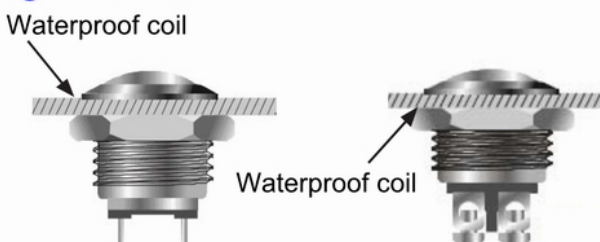
Type	Symbol	Diagram	Explanation
NO.1			Switch with two terminal breakpoints slow moving contact Individual products can be customized normally closed switch, refer to product description.
NO.2			

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	R O Y G B W or customized.	
Life	40000 Hours	

Remark: LED can be customized to meet special requirement.

Panel Installation



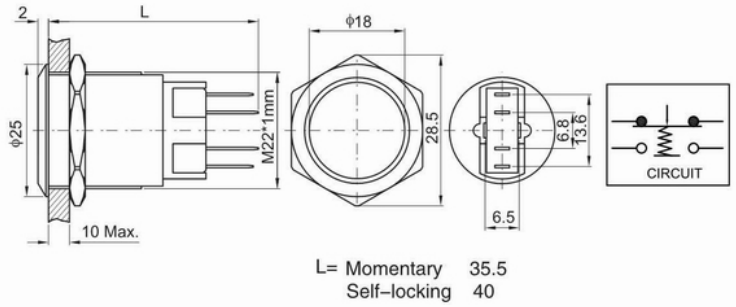
Related Certification



22-B-F11-LQ-N-N-N-N-S



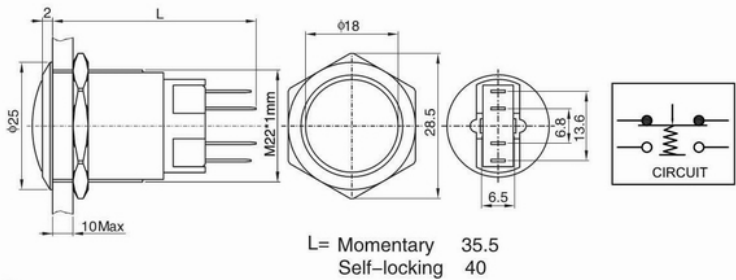
Mounting Hole Size: $\Phi 22\text{mm}$
 Rating: 5A250VAC
 Contact combination: 1NO1NC
 Operation type: Momentary / Latched
 Actuator type: Flat
 Shell Material: Stainless steel
 Protection Level: IP65/IP67



22-B-B11-LQ-N-N-N-N-S



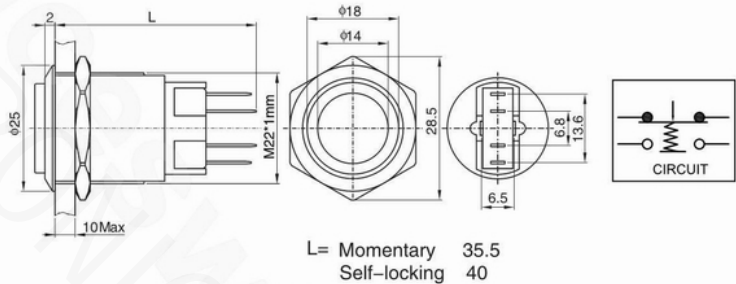
Mounting Hole Size: $\Phi 22\text{mm}$
 Rating: 5A250VAC
 Contact combination: 1NO1NC
 Operation type: Momentary / Latched
 Actuator type: Ball (Dome)
 Shell Material: Stainless steel
 Protection Level: IP65/IP67



22-B-H11-LQ-N-N-N-N-S




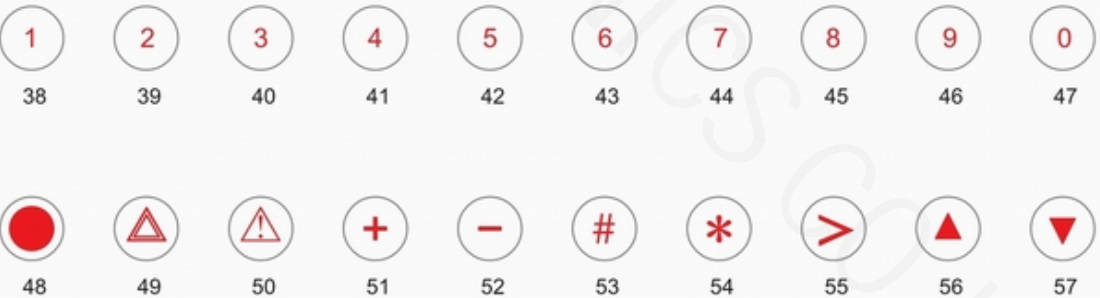

Mounting Hole Size: $\Phi 22\text{mm}$
 Rating: 5A250VAC
 Contact combination: 1NO1NC
 Operation type: Momentary / Latched
 Actuator type: High flush (Raised)
 Shell Material: Stainless steel
 Protection Level: IP65/IP67



Product Standards		22-B-F11-LQ-N-N-N-N-S	22-B-B11-LQ-N-N-N-N-S	22-B-H11-LQ-N-N-N-N-S
Terminal Type		Solder Terminal (2.8 x 0.5)	Solder Terminal (2.8 x 0.5)	Solder Terminal (2.8 x 0.5)
Contact combination		1NO1NC	1NO1NC	1NO1NC
Rating		5A/250VAC	5A/250VAC	5A/250VAC
Contact Resistance		$\leq 50\text{m}\Omega$	$\leq 50\text{m}\Omega$	$\leq 50\text{m}\Omega$
Insulation Resistance		$\geq 1000\text{M}\Omega$	$\geq 1000\text{M}\Omega$	$\geq 1000\text{M}\Omega$
Dielectric Strength		2000VAC	2000VAC	2000VAC
Environment Temperature		$-20^{\circ}\text{C}\sim+55^{\circ}\text{C}$	$-20^{\circ}\text{C}\sim+55^{\circ}\text{C}$	$-20^{\circ}\text{C}\sim+55^{\circ}\text{C}$
Mechanical Life		>1,000,000 times	>1,000,000 times	>1,000,000 times
Electrical Life		>50,000 times	>50,000 times	>50,000 times
Panel Thickness		1~10mm	1~10mm	1~10mm
Nut Torque		5~14Nm	5~14Nm	5~14Nm
Operating Pressure		About 5N	About 5N	About 5N
Operating Stroke		About 3.0mm	About 3.0mm	About 3.0mm
Protection Level		IP65/IP67	IP65/IP67	IP65/IP67
Material	Contact	Silver alloy	Silver alloy	Silver alloy
	Button	Brass nickleled Stainless steel	Brass nickleled Stainless steel	Brass nickleled Stainless steel
	Body	Brass nickleled Stainless steel	Brass nickleled Stainless steel	Brass nickleled Stainless steel
	Base	PBT	PBT	PBT



Symbol List

<p style="writing-mode: vertical-rl; transform: rotate(180deg);">Special symbols</p>	 <p>1 2 3 4 5 6 7</p>
<p style="writing-mode: vertical-rl; transform: rotate(180deg);">Letter symbol</p>	 <p>8 9 10 11 12 13 14 15 16 17</p> <p>18 19 20 21 22 23 24 25 26 27</p> <p>28 29 30 31 32 33 34 35 36 37</p>
<p style="writing-mode: vertical-rl; transform: rotate(180deg);">Numbers and symbols</p>	 <p>38 39 40 41 42 43 44 45 46 47</p> <p>48 49 50 51 52 53 54 55 56 57</p>
<p style="writing-mode: vertical-rl; transform: rotate(180deg);">Other symbols</p>	 <p>58 59 60 61 62 63 64 65 66 67</p>

Noted: The Symbols above need to be customized.