

16mm metal push button switch

Part Number

16													
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	Φ16mm	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 22 2NO2NC	L Self-locking (Latched)	S Screw Terminal	D Dot	R Red	1 2V 2 3V	R Red	R Red	B Brass Nickered	
		C	B Ball (Dome)				R Ring	O Orange	3 6V	O Orange	O Orange	A Zn-Al Alloy Anodized	
		D	K Knob				M Dot and Ring	Y Yellow	4 12V	Y Yellow	Y Yellow	P PBT	
			L Key lock				S Symbol (Power Symbol Other Symbol)	G Green	5 24V	G Green	G Green	G Gold-plated	
							X Ring and Symbol	B Blue	6 36V	B Blue	B Blue		
								W White	7 48V	W White	W White		
								D Bicolor	8 110V	D Bicolor	L Black	L Black	
								T Tricolor	9 220V	T Tricolor			

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

Switch Structure

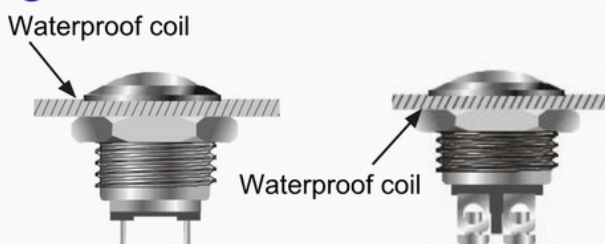
Type	Symbol	Diagram	Explanation
NO.1			Switch with two terminal breakpoints slow moving contact Individual products can be customized normally closed switch, refer to product description.
NO.2			

LED Specification

Lamp Type	LED (AC/DC)	<p>Lamp Circuit Diagram</p> <p>LED can be used in AC and DC, with a resistor for different voltage protection.</p>
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



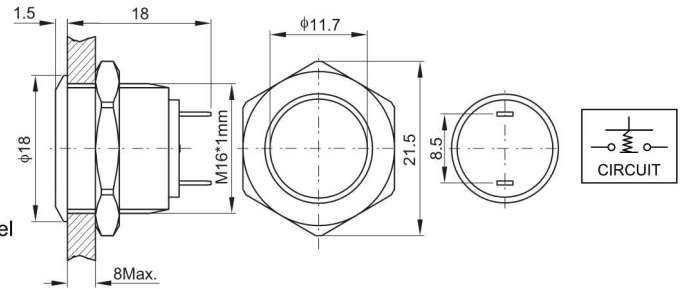
Related Certification



16-A-F10-MQ-N-N-N-N-N-S



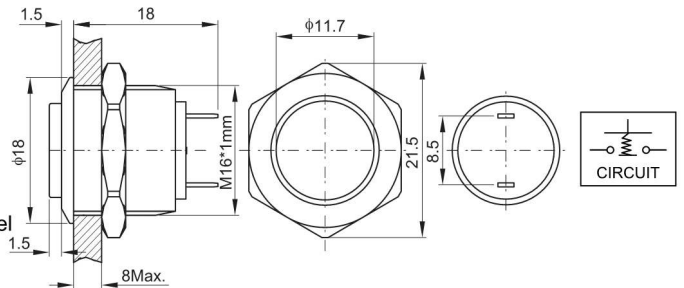
Mounting Hole Size: $\Phi 16\text{mm}$
 Switch Rating: 2A/36VDC
 Contact Combination: 1NO
 Operation type: Off-Momentary (On)
 Actuator type: Flat
 Shell Material: Brass nickeled/Stainless steel
 Protection Level: IP65



16-A-H10-MQ-N-N-N-N-N-S



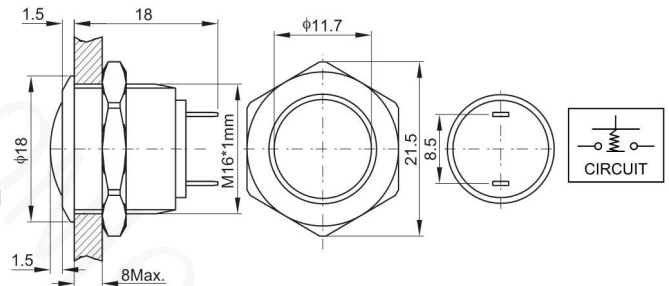
Mounting Hole Size: $\Phi 16\text{mm}$
 Switch Rating: 2A/36VDC
 Contact Combination: 1NO
 Operation type: Off-Momentary (On)
 Actuator type: High flush(Raised)
 Shell Material: Brass nickeled/Stainless steel
 Protection Level: IP65



16-A-B10-MQ-N-N-N-N-N-S





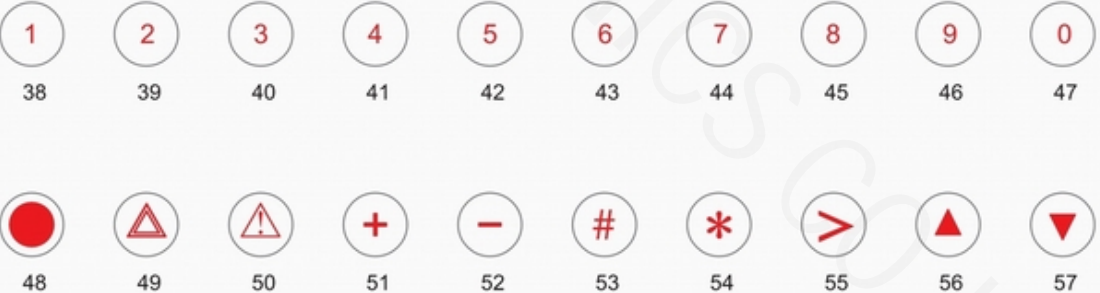
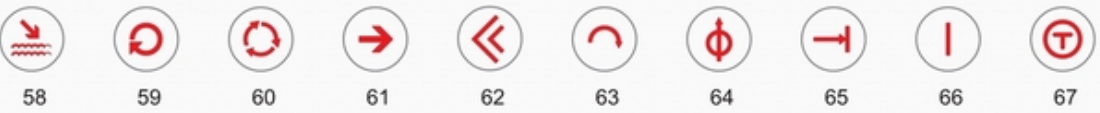
Mounting Hole Size: $\Phi 16\text{mm}$
 Switch Rating: 2A/36VDC
 Contact Combination: 1NO
 Operation type: Off-Momentary (On)
 Actuator type: Ball (Dome)
 Shell Material: Brass nickeled/Stainless steel
 Protection Level: IP65



Product Standards	16-A-F10-MQ-N-N-N-N-N-S	16-A-H10-MQ-N-N-N-N-N-S	16-A-B10-MQ-N-N-N-N-N-S
Terminal Type	Solder Terminal (1.8 x 0.5)	Solder Terminal (1.8 x 0.5)	Solder Terminal (1.8 x 0.5)
Contact combination	1NO	1NO	1NO
Rating	2A/36VDC	2A/36VDC	2A/36VDC
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	>200,000 times	>200,000 times	>200,000 times
Panel Thickness	1~8mm	1~8mm	1~8mm
Nut Torque	5~14Nm	5~14Nm	5~14Nm
Operating Pressure	About 4N	About 4N	About 4N
Operating Stroke	About 1.8mm	About 1.8mm	About 1.8mm
Protection Lever	IP65	IP65	IP65
Material	Contact	Silver alloy	Silver alloy
	Button	Brass nickeled Stainless steel	Brass nickeled Stainless steel
	Body	Brass nickeled Stainless steel	Brass nickeled Stainless steel
	Base	PBT	PBT



Symbol List

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

Noted: The Symbols above need to be customized.