

Water Proof Micro Switch ZS-15G (Positive Opening)

Specifications

Operating Speed	0.01mm-1m/sec
Operating Frequency	Mechanical: 240ops/min Electrical: 20 ops/min
Insulation Resistance	>100MΩ@500V DC
Contact Resistance	<15mΩ
Rated Current/Voltage	15A, 125/250/480VAC; 3/4HP/125VAC 1.5HP/250VAC (UL file E321073)
Dielectric Strength	1000VAC for 1 min between current carrying parts 2500VAC for 1 min between non-current carrying parts
Service Life	Mechanically 1.0 x 10 ⁷ (operations) Electrically 5 x 10 ⁵ (operations)
Operating Temperature	-25~+80°C (-13~176°F)
Humidity	< 95%RH
Degree of Protection	IP67



Rated

Operating voltage	Non-inductive load (A)				Inductive load (A)				Inrush current	
	Resistive load		Bulb load		Inductive load		Motor load			
	NC	NO	NC	NO	NC	NO	NC	NO	NC	NO
125 VAC	15	-	3	1.5	15	-	5	2.5	30 Max	15 Max
250 VAC	15	-	2.5	1.25	15	-	3	1.5		
500 VAC	10	-	1.5	0.75	6	-	1.5	0.75		
8 VDC	15	-	3	1.5	15	-	5	2.5		
14 VDC	15	-	3	1.5	10	-	5	2.5		
30 VDC	6	-	3	1.5	5	-	5	2.5		
125 VDC	0.5	-	0.5	0.5	0.05	-	0.05	0.05		
250 VDC	0.25	-	0.25	0.25	0.03	-	0.03	0.03		

Dimensions Unit: mm

ZS-15GD

Operating Characteristics

- OF_{max} 5.88N
- RF_{min} 0.98N
- PT_{max} 2.0mm
- OT_{min} 0.8mm
- MD_{max} 0.8mm
- OP 15.9±0.4mm

ZS-15GQ

Operating Characteristics

- OF_{max} 5.88N
- RF_{min} 0.98N
- PT_{max} 2.0mm
- OT_{min} 5.0mm
- MD_{max} 0.8mm
- OP 21.5±0.5mm

ZS-15GW

Operating Characteristics

- OF_{max} 1.47N
- RF_{min} 0.39N
- PT_{max} 13.5mm
- OT_{min} 4.0mm
- MD_{max} 3.2mm
- OP 19.1±0.7mm
- FP_{max} 38.5mm

ZS-15GW1

Operating Characteristics

- OF_{max} 2.16N
- RF_{min} 0.59N
- PT_{max} 8.5mm
- OT_{min} 2.5mm
- MD_{max} 2.0mm
- OP 18.4±0.5mm
- FP_{max} 33.5mm

ZS-15GW2

Operating Characteristics

- OF_{max} 1.77N
- RF_{min} 0.49N
- PT_{max} 11.0mm
- OT_{min} 3.0mm
- MD_{max} 2.4mm
- OP 17.4±0.8mm
- FP 51mm

ZS-15GW22

Operating Characteristics

- OF_{max} 2.35N
- RF_{min} 0.87N
- OT_{min} 6.5mm
- PT_{max} 2.0mm
- MD_{max} 1.0mm
- OP 28.6±0.8mm
- FP 46.5mm

Water Proof Micro Switch ZS-15G (Positive Opening)

<p>ZS-15GQ21 Operating Characteristics</p> <ul style="list-style-type: none"> • OF_{max} 5.88N • RF_{min} 0.98N • PT_{max} 2.0mm • OT_{min} 6.0mm • MD_{max} 0.8mm • OP 21.8±0.8mm 	<p>ZS-15GQ22 Operating Characteristics</p> <ul style="list-style-type: none"> • OF_{max} 5.88N • RF_{min} 0.98N • PT_{max} 2.0mm • OT_{min} 6.0mm • MD_{max} 0.8mm • OP 28.2±0.6mm