

通用型微动开关 Z-15 系列

规格

操作速度	0.01毫米 - 1米/秒
操作频率	机械: 240 次/分; 电气: 20 次/分
绝缘电阻	>100MΩ@500V DC
接点电阻	<15mΩ (初值)
额定电流/电压	15A, 125/250/480VAC; 3/4HP/125VAC 1.5HP/250VAC (UL file E321073)
耐压值	同级端子间 1,000 VAC, 50/60 Hz 1分钟 端子对地或对无载金属间2,500 VAC, 50/60 Hz 1分钟
寿命	机械 1×10 ⁷ 次; 电气 5×10 ⁵ 次
环境温度	-40~+80°C (-40~176°F) 不结冰
湿度	标准款: 35~85%RH/防滴款: 35~95%RH
防护等级	标准款: IP00/防滴款: IP64

动作特性定义

OF 动作力	PT 动作行程 (预行程)
RF 复位力	MD 距差
OT 超行程	OP 动作位置
TT 总行程	

额定指标

工作电压	非感性负载 (A)				感性负载 (A)				浪涌电流	
	阻性负载		灯泡负载		感性负载		电动机负载		NC	NO
125 VAC	15	3	1.5	15	5	2.5			30 最大值	15 最大值
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				

选型指南:

Z -	15	G	-	-	-	-	-	*
	电流	触发杆	密封	触点材质	复位	端子形式	电路	
15	15A		无	银触点	无	无	无	1NO/1NC
20	20A		55	镀金触点	R	P0	X	1NC
25	25A				R1	P1	Y	1NO
					R2	P2		
						P3		
						P4		
						P5		
						P6		
						P7		
						Q1		
						Q2		
						S1		

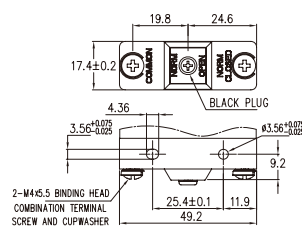
*可根据需求定制低距差款

*添加 (US) 后缀使之有 Φ 3.55 安装孔

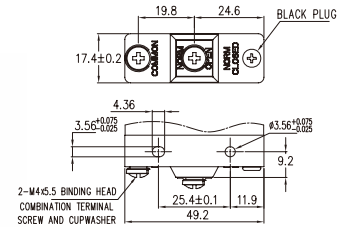
*并非所有组合都有可能, 详情请垂询SUNS技术支持

电路:

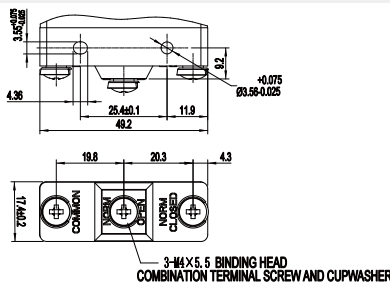
-X 仅1NC



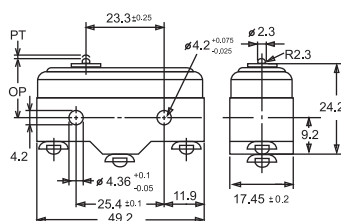
-Y 仅1NO



1NC/1NO



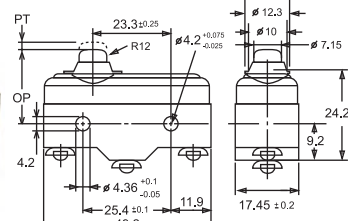
安装尺寸 单位: mm



Z-15G

动作特性

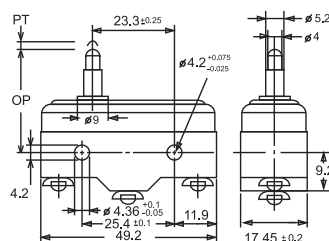
- OF_{max} 3.43N
- RF_{min} 1.12N
- PT_{max} 0.4mm
- OT_{min} 0.13mm
- MD_{max} 0.05mm
- OP 15.9±0.4mm



Z-15GD

动作特性

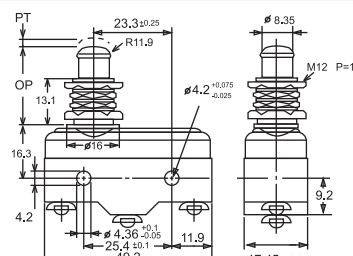
- OF_{max} 3.43N
- RF_{min} 1.12N
- PT_{max} 0.4mm
- OT_{min} 1.6mm
- MD_{max} 0.05mm
- OP 21.5±0.5mm



Z-15GS

动作特性

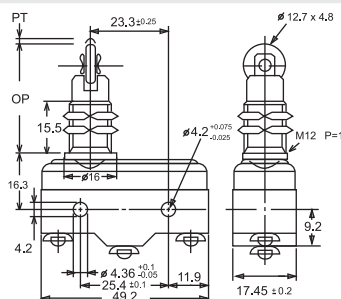
- OFmax 3.43N
- RFmin 1.12N
- PTmax 0.4mm
- OTmin 1.6mm
- MDmax 0.05mm
- OP 28.2±0.6mm



Z-15GQ

动作特性

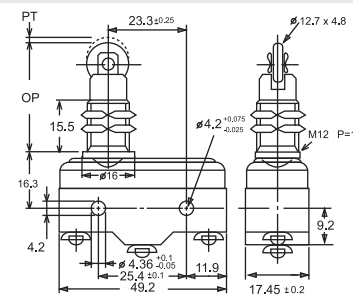
- | | | | |
|---------------------|-------|---------------------|------------|
| • OF _{max} | 3.43N | • OT _{min} | 5.5mm |
| • RF _{min} | 1.12N | • MD _{max} | 0.05mm |
| • PT _{max} | 0.4mm | • OP | 21.8±0.8mm |



Z-15GQ21

动作特性

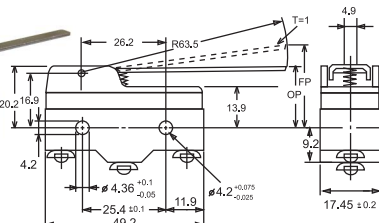
- | | | | |
|---------------------|-------|---------------------|------------|
| • OF _{max} | 3.43N | • OT _{min} | 3.58mm |
| • RF _{min} | 1.12N | • MD _{max} | 0.05mm |
| • PT _{max} | 0.4mm | • OP | 33.4±1.2mm |



Z-15GQ22

动作特性

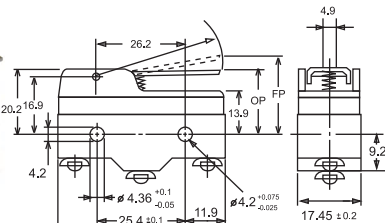
- OF_{max} 3.43N
- RF_{min} 1.12N
- PT_{max} 0.4mm
- OT_{min} 3.58mm
- MD_{max} 0.05mm
- OP 33.4±1.2mm



Z-15GW

动作特性

- OF_{max} 0.69N
- RF_{min} 0.14N
- PT_{max} 10mm
- OT_{min} 5.6mm
- MD_{max} 2mm
- FP_{max} 28.2mm
- OP 19.1 ± 0.7 mm

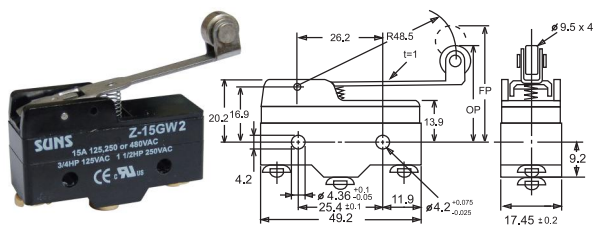


Z-15GW1

动作特性

- OF_{max} 1.03N
- RF_{min} 0.21N
- PT_{max} 6.6mm
- OT_{min} 3.7mm
- MD_{max} 0.85mm
- FP_{max} 24.5mm
- OP 18.4±0.5mm

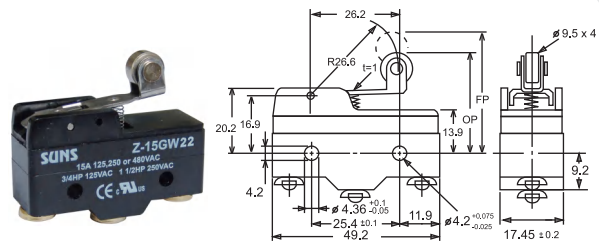
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Z-15GW2

动作特性

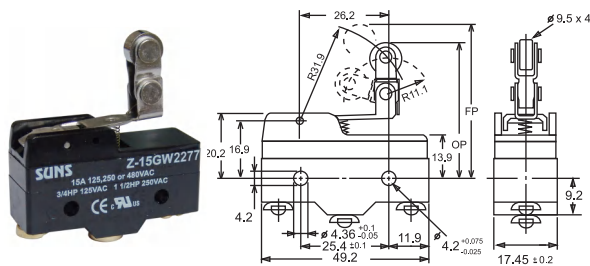
- OF_{max} 0.98N
- RF_{min} 0.21N
- PT_{max} 7.1mm
- OT_{min} 4mm
- MD_{max} 1.02mm
- FP_{max} 36.5mm
- OP 30.2±0.8mm



Z-15GW22

动作特性

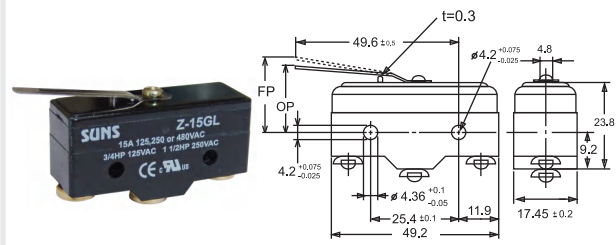
- OF_{max} 1.57N
- RF_{min} 0.41N
- PT_{max} 2.7mm
- OT_{min} 2.4
- MD_{max} 0.8mm
- FP_{max} 32.5mm
- OP 30.2±0.4mm



Z-15GW2277

动作特性

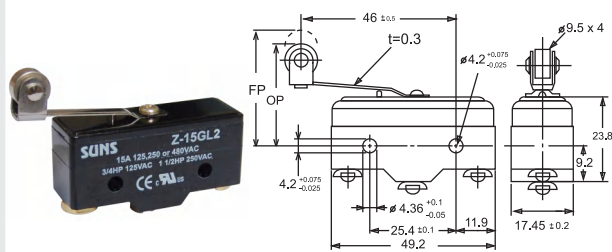
- OF_{max} 1.67N
- RF_{min} 0.41N
- PT_{max} 3mm
- OT_{min} 2.4mm
- MD_{max} 0.8mm
- FP_{max} 43.5mm
- OP 41.3±0.8mm



Z-15GL

动作特性

- OF_{max} 1.47N
- RF_{min} 0.14N
- PT_{max} 4mm
- OT_{min} 1.6mm
- MD_{max} 1.3mm
- FP 20.6mm
- OP 17.4±0.8mm

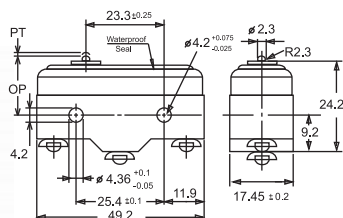


Z-15GL2

动作特性

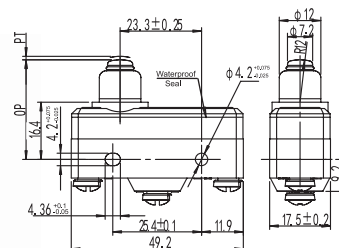
- OF_{max} 1.47N
- RF_{min} 0.14N
- OT_{min} 1.6mm
- PT_{max} 4mm
- MD_{max} 1.3mm
- FP 31.8mm
- OP 28.6±0.8mm

A black rectangular electronic component, likely a relay or switch, with a silver-colored metal base. It features a circular terminal on top and several electrical pins on the bottom. The component is labeled with 'SUNS', 'Z-15G-55', and various electrical specifications.



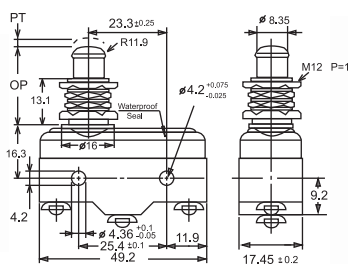
动作特性

- | | | | |
|---------------------|-------|---------------------|------------|
| • OF _{max} | 3.43N | • OT _{min} | 0.13mm |
| • RF _{min} | 1.12N | • MD _{max} | 0.05mm |
| • PT _{max} | 0.4mm | • OP | 15.9±0.4mm |



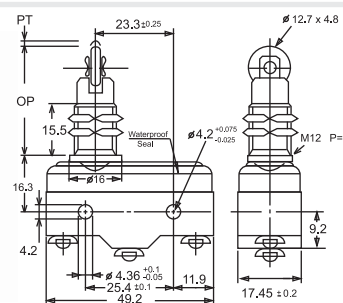
动作特性

- OF_{max} 5.3N ● PT_{max} 2.3mm
● RF_{min} 1.11N ● MD_{max} 0.06mm
● OT_{min} 1.6mm ● OP 28.2±0.5mm



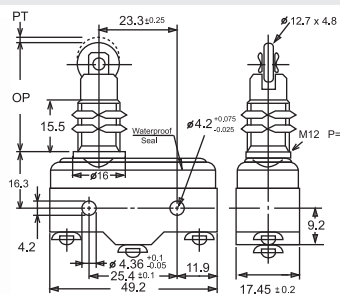
动作特性

- | | | | |
|---------------------|-------|---------------------|------------|
| ● OF _{max} | 3.43N | ● OT _{min} | 5.5mm |
| ● RF _{min} | 1.12N | ● MD _{max} | 0.05mm |
| ● PT _{max} | 0.4mm | ● OP | 21.8±0.8mm |



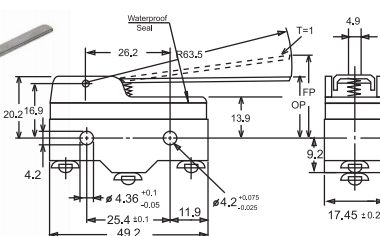
动作特性

- | | | | |
|---------------------|-------|---------------------|------------|
| • OF _{max} | 3.43N | • OT _{min} | 3.58mm |
| • RF _{min} | 1.12N | • MD _{max} | 0.05mm |
| • PT _{max} | 0.4mm | • OP | 33.4±1.2mm |



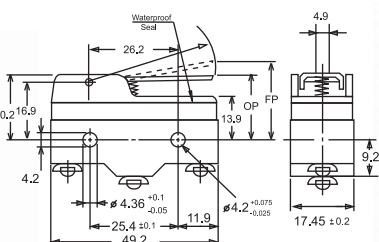
动作特性

- OF_{max} 3.43N
- RF_{min} 1.12N
- PT_{max} 0.4mm
- OT_{min} 3.58mm
- MD_{max} 0.05mm
- OP 33.4±1.2mm



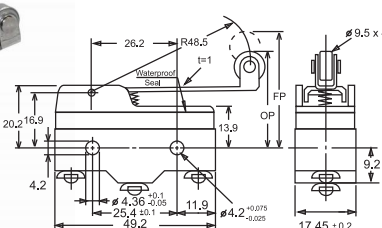
动作特性

- OF_{max} 0.69N
- RF_{min} 0.14N
- PT_{max} 10mm
- OT_{min} 5.6mm
- MD_{max} 2mm
- FP_{max} 28.2mm
- OP 19.1±0.7mm



动作特性

- OF_{max} 1.03N
- RF_{min} 0.21N
- PT_{max} 6.6mm
- OT_{min} 3.7mm
- MD_{max} 0.85mm
- FP_{max} 24.5mm
- OP 18.4±0.5mm



动作特性

- OF_{max} 0.98N
- RF_{min} 0.21N
- PT_{max} 7.1mm
- OT_{min} 4mm
- MD_{max} 1.02mm
- FP_{max} 36.5mm
- OP 30.2±0.8mm

Top View Dimensions:

- Pin 1 (GND) diameter: $\phi 9.5 \times 4$
- Pin 2 (V_I) diameter: $\phi 4.36^{+0.1}_{-0.025}$
- Pin 3 (V_O) diameter: $\phi 4.2^{+0.075}_{-0.025}$
- Distance between Pin 2 and Pin 3: 25.4 ± 0.1
- Distance from Pin 2 center to right edge: $4.36^{+0.1}_{-0.025}$
- Distance from Pin 3 center to right edge: 11.9
- Overall width: 17.45 ± 0.2
- Overall length: 49.2
- Mounting tab width: 4.2
- Mounting hole diameter: $\phi 4.36^{+0.1}_{-0.025}$
- Mounting hole offset: 20.2
- Mounting hole offset: 16.9

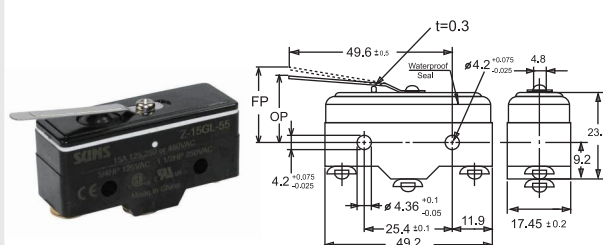
Side View Dimensions:

- Maximum height: 26.2
- Radius: $R26.6$
- Thickness: $t=1$
- Waterproof Seal
- Flange thickness: FP
- Offset: OP
- Height from base to top of flange: 13.9
- Base thickness: 9.2

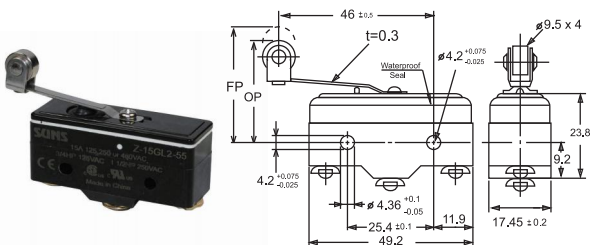
Cross-sectional View Dimensions:

- Pin 1 diameter: $\phi 9.5 \times 4$
- Pin 2 diameter: $\phi 4.36^{+0.1}_{-0.025}$
- Pin 3 diameter: $\phi 4.2^{+0.075}_{-0.025}$
- Distance between Pin 2 and Pin 3: 25.4 ± 0.1
- Distance from Pin 2 center to right edge: $4.36^{+0.1}_{-0.025}$
- Distance from Pin 3 center to right edge: 11.9
- Overall width: 17.45 ± 0.2
- Mounting tab width: 4.2
- Mounting hole diameter: $\phi 4.36^{+0.1}_{-0.025}$
- Mounting hole offset: 20.2
- Mounting hole offset: 16.9

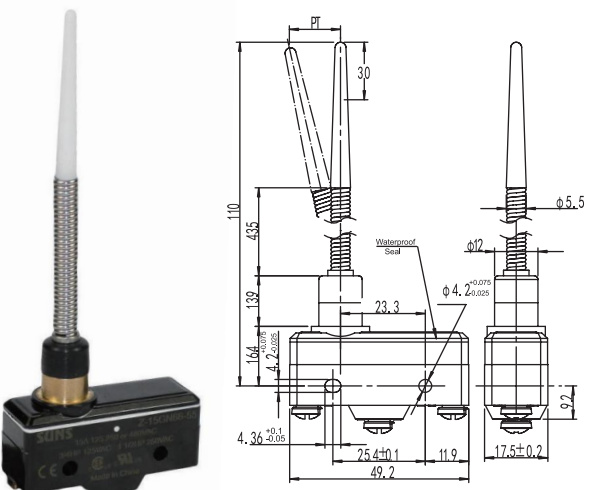
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- RF_{min} 0.41N
- PT_{max} 2.7mm
- OT_{min} 2.4
- MD_{max} 0.8mm
- FP_{max} 32.5mm
- OP 30.2±0.4mm



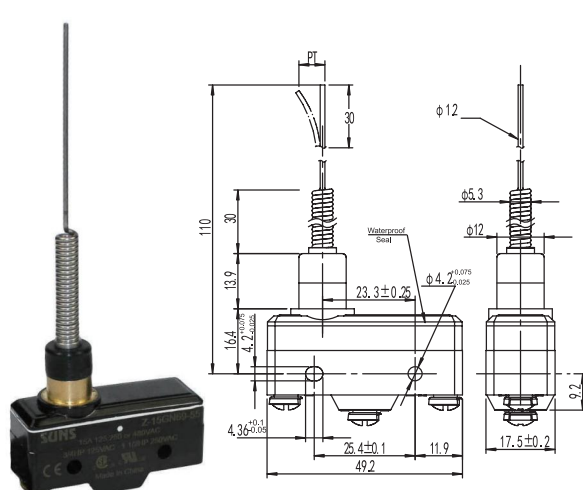
- OF_{max} 1.47N
- RF_{min} 0.14N • OT_{min} 1.6mm • FP 20.6mm
- PT_{max} 4mm • MD_{max} 1.3mm • OP 17.4±0.8mm



- OF_{max} 1.47N
- RF_{min} 0.14N
- OT_{min} 1.6mm
- PT_{max} 4mm
- MD_{max} 1.3mm
- FP 31.8mm
- OP 28.6±0.8mm



- OF_{max} 0.7N
- PT_{max} 25mm



- OF_{max} 0.7N
- PT_{max} 25mm