

**Features**

- Small size and light weight;
- Contact load capacity up to 20A;
- Ambient temperature can up to 105 degrees;
- With sealed type and unsealed type two package types.

Ordering Information 订货说明

<u>WM611</u>	<u>- 12</u>	<u>- A</u>	<u>- S</u>	<u>0.8</u>
1	2	3	4	5
1 Part number 继电器型号: WM611				
2 Coil rated Voltage(VDC)线圈额定电压: 5: 5V; 6: 6V; 9: 9V; 12: 12V; 24: 24V;				
3 Contact Form 触点形式: A: 1 Form A; C: 1 Form C				
4 Enclosure 封装方式: S: Sealed 密封式				
5 Coil Power 线圈功率: 0.55: 0.55W(standard); 0.8: 0.8W				

Contact Data 触点参数

Contact Form 触点形式	1A (SPSTNO)、1C (SPDT(B-M))	
Contact Material 触点材料	Ag Alloy	
Contact Rating (resistive) 触点负载 (阻性)	1A	1C
	20A/14VDC	NO: 20A/14VDC; NC: 15A/14VDC
Max. Switching Voltage 最大切换电压	16VDC	
Max. Switching Current 最大切换电流	30A	
Max. Continuous Load Current 持续电流	NO:30A(at 23°C,1h); 20A(at 85°C,1h); NC:25A(at 23°C,1h); 15A(at 85°C,1h)	
Max. Switching Power 最大切换功率	280W	
Contact Resistance or Voltage drop 接触电阻或接触压降	≤100mΩ (at 1A 6VDC)	
Electrical Life 电气寿命	3×10 ⁵ 次 (Resistive Load 阻性负载,NO: 20A, 10 ops/min)	
Mechanical Life 机械寿命	1×10 ⁷ 次	

Coil Parameter 线圈参数

Dash numbers 规格	Coil voltage 线圈电压(VDC)		Coil resistance 线圈电阻 Ω±10%	Pickup voltage VDC(Max.) 最大起动电压	Release voltage VDC(Min.) 最小释放电压	Coil power 线圈功率	Operate Time 起动作时间	Release Time 释放时间
	Max. 23°C	Max. 85°C						
5V	11V	6.5V	46	2.9V	0.6V	0.55W	≤4 ms	≤4 ms
6V	13.2V	7.8V	65.5	3.5V	0.75V			
9V	19.8V	12V	147.3	5.2V	1.1V			
12V	26V	16V	260	6.9V	1.5V			
24V	52V	32V	1047	13.8V	3.0V			
12V	22V	13V	180	6.9V	1.5V	0.8W		

Operation condition 工作条件

Insulation Resistance 绝缘电阻		100MΩ Min. (at 500VDC)
Dielectric Strength 介质耐压	Between Contacts	50Hz 500VAC / 1 minute
	Between Coil and Contacts	50Hz 500VAC / 1 minute
Shock resistance 抗冲击		294m/s ² 6ms
Vibration resistance 抗震		10~55Hz double amplitude 1.5mm
Terminals strength 引出端强度		4.9N
Solderability 可焊性		235°C±2°C 3±0.5s
Ambient Temperature 环境温度		-40°C ~ +105°C
Relative Humidity 相对湿度		5% to 85% RH
Weight 重量(Approx.)		4g

Layout (Bottom views, Unit: mm)外形尺寸、接线图 (底视图)
