

## 特点characteristic

- 1、体积小，40A触点切换能力  
Small size,40A switching capability.
- 2、线圈功耗小、温升极低  
Low coil consumption, ultra-low temperature rise
- 3、触点接触电阻小，电接触稳定性好  
Low contact resistance
- 4、抗冲击、抗振动能力强  
Strong anti-shock and anti-vibration capability
- 5、外形尺寸:39×29×15mm  
Outline size:39×29×15mm



## 触点参数Contact parameters

型号Model	WL09M
触点形式Contact form	1A, 1B
最大切换电流Maximum switching current	40A
最大切换电压Maximum switching voltage	250AC
最大切换功率Maximum switching power	10000VA
触点负载（阻性） Contact load (resistive)	40A 250VAC

## 性能参数performance parameter

触点材料Contact material	银合金 Ag alloy	
接触电阻Contact resistance	Max 5mΩ	
动作时间Action time	≤20S	
释放时间Release time	≤20S	
绝缘电阻Insulation resistance	500MΩ (500VDC)	
介质耐压 Dielectric Strength	断开触点间 Between Open contacts	AC 1000VAC 50/60Hz 1min
	触点线圈间 Between contact coils	AC 4000VAC 50/60Hz 1min
冲击 to attack	稳定性stability	100m/S <sup>2</sup> (10g)
	强度strength	1000m/S <sup>2</sup> (100g)
振动Vibration	10~55Hz 双振幅 Double Amplitude 1.5mm	
机械寿命Mechanical endurance min	5×10 <sup>5</sup>	
电气寿命Electrial eddurance min	1×10 <sup>4</sup>	
相对湿度Humidity	98%RH,40°C	
环境温度Ambient temperature	-40~+70°C	
重量Weight	约Approx 40g	

**订货示例 Ordering example**

	WL09M	-F	-1	12	D	B	X
继电器型号 Type							
密封型式: F-防尘式 Construction: F-Flux proofed							
继电器触点组数: 1-1组触点 Number of Poles: 1-1 group							
线圈电压: 9, 12, 24, 48VDC Coil Voltage: 9, 12, 24, 48VDC							
线圈形式: 无-单线圈, D-双线圈 Coil type: Nil-Single coil, D-Double coil							
触点形式: B-常闭, M-常开 Contact Arrangement: B-N/C, M-N/O							
特规参数: 根据客户要求定制 无-标准型 Special parameters: customized according to customer requirements Nil-standard							

**线圈Coil**

线圈功耗Coil power	单线圈: 1.5W, 双线圈: 3W Single Coil: 1.5W, Double Coil: 3W
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**线圈参数Coil parameters**

(at 20°C)

线圈形式 Coil type	额定电压 rated Voltage	线圈电阻 Coil Resistance	动作电压 Pick-up Voltage 额定电压的75% 75% of rated voltage	脉冲宽度 Pulse Duration	功率 Coil Power
	VDC	$\Omega \pm 10\%$	VDC	ms	W
单线圈 Single coil	9	54	6.75	50	1.5
	12	96	9	50	
	24	384	18	50	
	48	1536	36	50	
双线圈 Double coil	9	2×27	6.75	50	3
	12	2×48	9	50	
	24	2×192	18	50	
	48	2×768	36	50	

外形及安装图 Outline and installation drawing

