

**特点characteristic**

- 1、体积小, 16A/20A触点切换能力  
Small size,16A/20A switching capability.
- 2、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:(29×12.7×15.7) mm;  
Outline size: (29×12.7×15.7) mm.

**触点参数Contact parameters**

型号Model	WL08A
触点形式Contact form	1A、1B
最大切换电流Maximum switching current	20A
最大切换电压Maximum switching voltage	250AC
最大切换功率Maximum switching power	5000VA
触点负载 (阻性) contact load (resistive)	16A 250VAC, 20A 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 20mΩ	
动作时间Action time	≤20S	
释放时间Release time	≤20S	
绝缘电阻Insulation resistance	Min 1000MΩ (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	1×10 <sup>6</sup>	
电气寿命Electrial edurance min	16A 1×10 <sup>5</sup>	20A 2×10 <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 11g	

**订货示例 Ordering example**

	WL08A	-S	-1	12	D	B	1	X
继电器型号 Type								
密封型式: F-防尘式, S-塑封式 Construction: F-Flux proofed ,S-Plastic Sealed								
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-Doubile coil								
触点形式: B-常闭, M-常开 Contact Arrangement: M-N/O ,B-N/C								
线圈引出脚: 无-3.5mm, 1-5mm Coil angle form: Nil-3.5mm, 1-5mm								
特规参数: 根据客户要求定制 无-标准型 Special parameters: customized according to customer requirements Nil-stanard								

**线圈Coil**

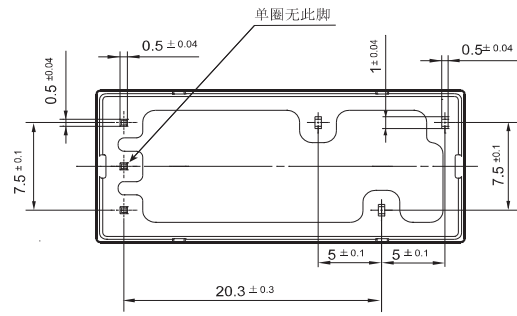
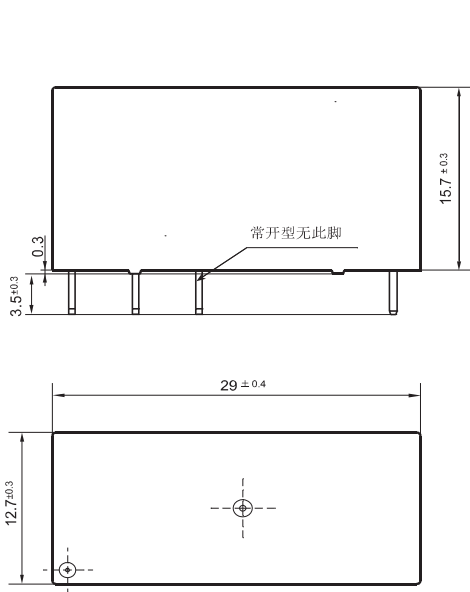
线圈功耗Coil power	单线圈: 1W, 双线圈: 2W Single Coil: 1W , Double Coil: 2W
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**线圈参数Coil parameters**

(at 20°C)

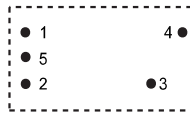
线圈形式 Coil type	额定电压 rated Voltage	线圈电阻 Coil Resistance	动作电压 Pick-up Voltage 额定电压的75% 75% of rated voltage	脉冲宽度 Pulse Duration	功率 Coil Power
	VDC	$\Omega \pm 10\%$	VDC	ms	W
单线圈 Single coil	9	81	6.75	50	1
	12	144	9	50	
	24	576	18	50	
	48	2304	36	50	
双线圈 Doible coil	9	2×40.5	6.75	50	2
	12	2×72	9	50	
	24	2×288	18	50	
	48	2×1152	36	50	

外形及安装图 Outline and installation drawing

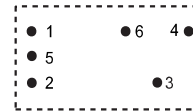


Outline Dimensions  
外形图

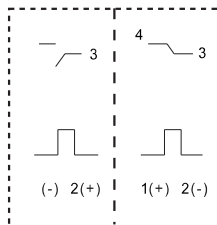
线圈接线图



线圈接线图



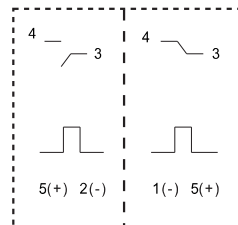
单线圈，一组常闭



动作

复归

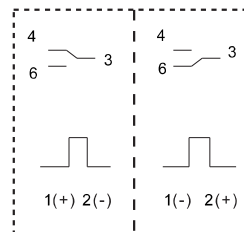
双线圈，一组常闭



动作

复归

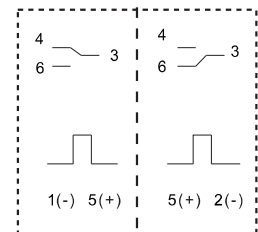
单线圈，一组转换



动作

复归

双线圈，一组转换



动作

复归