

## 特点Characteristic

- 1、负载可达30A超小型继电器  
Up to 30A Amps ultr-small relay
- 2、线圈功耗低  
Low coil power consumption
- 3、外形尺寸: (14.3×7.2×13.8) mm  
Overall dimensions:(14.3×7.2×13.8)mm



## 触点参数Contact load

型号Model	WL8N
触点形式Contact form	1A(SPSTNO), 1C(SPST(B-M))
最大切换电流Maximum switching current	30A
最大切换电压Maximum switching voltage	16VDC
最大切换功率Maximum switching power	480W
触点负载 (阻性) Rated load (resistive)	马达Motor:25A(冲击surge) 14VDC 阻性Resistive: 30A 14VDC

## 性能参数Performance parameter

触点材料Contact material	银合金 Ag alloy	
接触压降Voltage drop	Max 100mV	
动作时间Action time	≤10ms	
释放时间Release time	≤10ms	
绝缘电阻Insulation resistance	Min 100MΩ (500VDC)	
介质耐压 Dielectric Strength	断开触点间 Between contacts	AC 500VAC 50/60Hz 1min
	线圈与触点间 Between contact coils	AC 500VAC 50/60Hz 1min
冲击 To attack	稳定性Stability	98m/s <sup>2</sup>
	强度Strength	980m/s <sup>2</sup>
振动Vibration	10~55Hz 双振幅1.5mm Double Amplitude	
机械寿命Mechanical endurance min	1×10 <sup>7</sup>	
电气寿命Electrial edurance min	1×10 <sup>5</sup>	
相对湿度Humidity	5%~85%RH	
环境温度Ambient temperature	-40°C~85°C	
重量Weight	约Approx 4.0g	

**订货示例Ordering example**

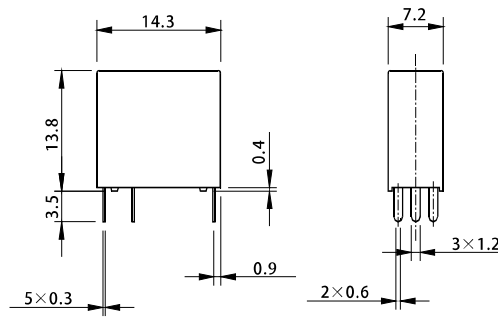
	WL8N	-S	-1	12	H	M	X
继电器型号 Type							
密封型式: F-防尘式, S-塑封式 Construction: F-Flux proofed ,S-Plastic Sealed, O-Open type							
继电器触点组数: 1-1组触点 Number of Poles:1-1 group							
线圈电压: 6, 9, 12, 24VDC Coil Voltage: 6, 9, 12, 24VDC							
线圈功率: 无-0.64W, H-0.8W Coil Power:Nil-0.64W, H-0.8W							
触点形式: M-常开, 无-转换 Contact Arrangement: M-N/O , Nil-C/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							

**线圈参数Coil parameters (at 20°C)**

型号规格 Coil Voltage		线圈电阻 Coil Resistance	动作电压 Pick-up Voltage 额定电压的60% 60% of rated voltage	释放电压 Drop-out Voltage 额定电压的10% 10% of rated voltage	功率 Coil Power
额定 rated	最大 Max				
VDC		Ω±10%	VDC	VDC	W
6	7.8	56	3.6	0.6	0.64
9	11.7	127	5.4	0.9	
12	15.6	225	7.2	1.2	
24	31.2	900	14.4	2.4	
6	7.8	45	3.6	0.6	0.8
9	11.7	100	5.4	0.9	
12	15.6	180	7.2	1.2	
24	31.2	720	14.4	2.4	

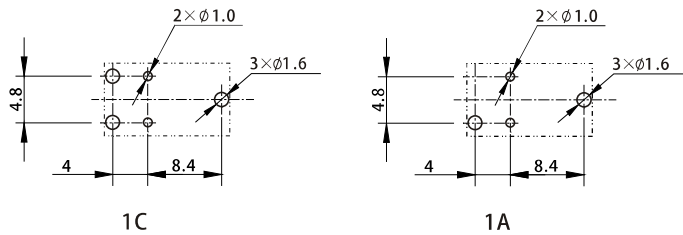
外形及安装图 Outline and installation drawing

Outline Dimensions  
外形图



Undimensioned tolerance: <1mm: ±0.2mm 1~5mm: ±0.3mm >5mm: ±0.4mm  
未标注尺寸公差: <1mm: ±0.2mm 1~5mm: ±0.3mm >5mm: ±0.4mm  
Note: 1.The size of the lead foot is pre welding dimension. 注: 1、引出脚尺寸为预焊前尺寸  
2.installation hole size tolerance: +0.1mm 2、安装孔尺寸公差: ±0.1mm

Mounting hole size (bottom view)  
安装孔尺寸 (底视图)



Wiring diagram (bottom view)  
接线图 (底视图)



性能曲线图 Performance chart

