

特点Characteristic

- 16A触点切换能力。
16A contact switching capability.
- 塑封型和防尘罩型可供选择
Plastic and dust protected types available
- 一组常开、转换，两组常开、转换
One set of regular, conversion,
two groups of regular, conversion
- 外形尺寸：(29×13×20.6) mm
Overall dimensions：(29×13×20.6) mm



触点参数Contact load

型号Model	WL14F
触点形式Contact Arrangement	1A/2A(SPSTNO), 1C/2C(SPDT(B-M))
触点负载 (阻性) Rated load (resistive)	16/10A, 277/250 VAC (NO/NC) TV-8, 125/250VAC (NO/NC) 5A, 277/250 VAC (2NO/NC) TV-5, 125/250VAC (2NO/NC)
最大切换电流Maximum switching current	16A/5A
最大切换电压Maximum switching voltage	277VAC/30VDC
最大切换功率Maximum switching power	4400VA/480W

性能参数Performance parameter

触点材料Contact material	银合金 Ag alloy	
接触电阻Contact resistance	Max 100mΩ	
动作时间Action time	≤15ms	
释放时间Release time	≤5ms	
绝缘电阻Insulation resistance	Min100MΩ (500VDC)	
介质耐压 Dielectric Strength	断开触点间 Between 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	98m/s ²
	强度Strength	980m/s ²
振动Vibration	10~55Hz 双振幅1.5mm Double Amplitude	
机械寿命Mechanical endurance min	1×10 ⁷	
电气寿命Electrial edurance min	1×10 ⁵	
相对湿度Humidity	85% (40°C)	
环境温度Ambient temperature	-40°C~105°C	
重量Weight	约Approx 13g	

订货示例 Ordering example

	WL14F	-S	-1	12	D	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							
继电器触点组数: 1-1组触点. 2-2组触点 Number of Poles: 1-1 group 2-2 group							
线圈电压: 3, 5, 6, 9, 12, 24, 48VDC Coil Voltage: 3, 5, 6, 9, 12, 24, 48VDC							
线圈功率: D-0.54W Coil Power:D-0.54W							
触点形式: M-常开, 无-转换 Contact Arrangement: M-N/0 , Nil-C/0							
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							

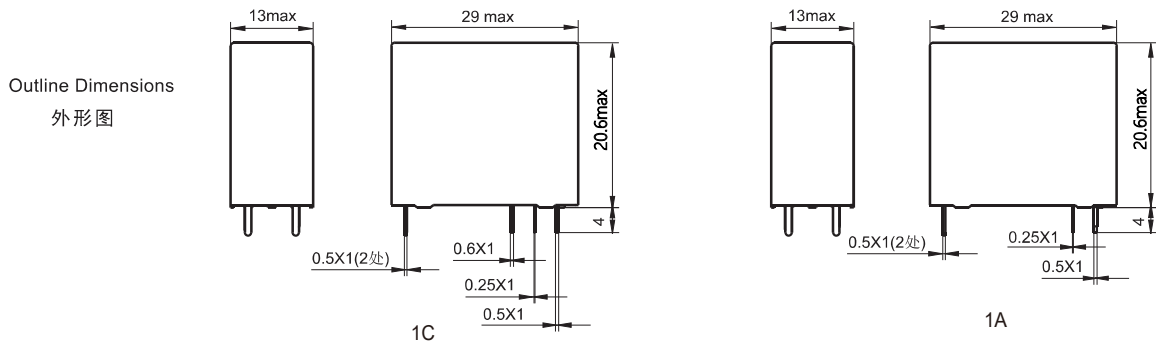
线圈参数 Coil parameters (at 20°C)

型号规格 Coil Voltage		线圈电阻 Coil Resistance	动作电压 Pick-up Voltage 额定电压的75% 75% 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
3	3.9	17	2.25	0.3	0.54
5	6.5	46	3.75	0.5	
6	7.8	67	4.5	0.6	
9	11.7	150	6.75	0.9	
12	15.6	267	9	1.2	
24	31.2	1067	18	2.4	
48	62.4	4267	36	4.8	

安全认证负载 Safety certified load

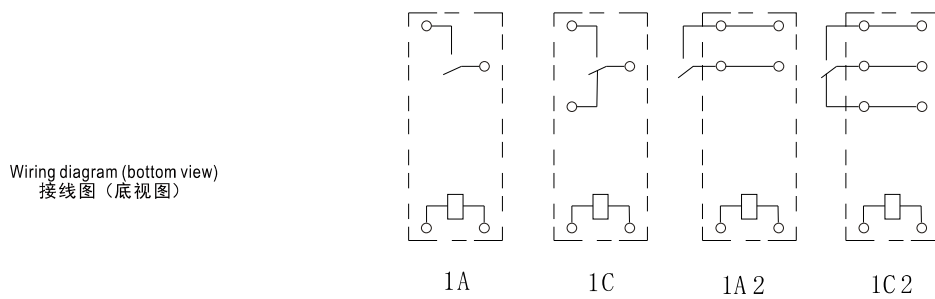
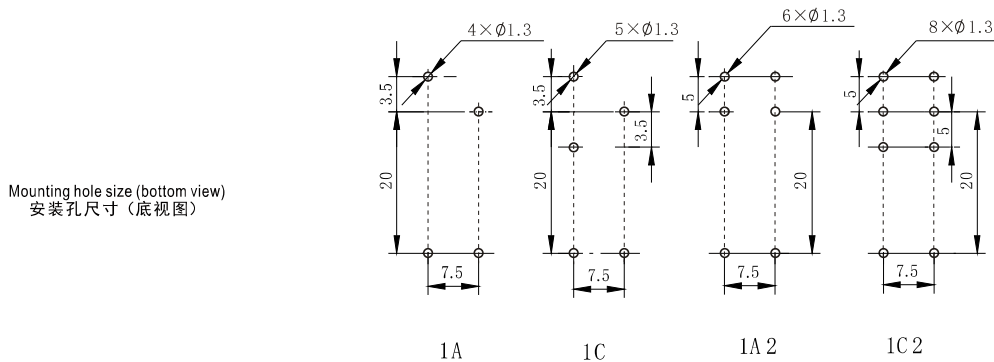
认证类别 Certification category	CQC	TUV	UL
认证负载 Certified load	16/10A, 250 VAC(NO/NC) 5A, 277/250 VAC (2NO/2NC)	16/10A, 250 VAC(NO/NC) 5A, 277/250 VAC (2NO/2NC)	16/10A, 277/250 VAC (NO/NC) TV-8, 125/250VAC (NO/NC) 5A, 277/250 VAC (2NO/NC) TV-5, 125/250VAC (2NO/NC)

外形及安装图 Outline and installation drawing



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



性能曲线图 Performance chart

