

特点Characteristic

- 1、切换容量达20A。
The switching capacity reaches 20A.
- 2、塑封型和防焊剂型可供选择
Plastic and flux-proof models are available
- 3、UL绝缘等级:F级
UL Insulation class :F
- 4、外形尺寸 (21×16×20.6) mm
Overall dimensions (21×16×20.6) mm

**触点参数Contact load**

型号Model	WL152F
触点形式Contact Arrangement	1A(SPSTNO), 1C(SPDT(B-M))
触点负载 (阻性) Contact load (resistive)	20/17A, 277/250/125VAC 17/15A, 277/250VAC TV-8, 125/250VAC 1/2hp, 125VAC 1hp, 250VAC
最大切换电流Maximum switching current	20A
最大切换电压Maximum switching voltage	277VAC/30VDC
最大切换功率Maximum switching power	600W/4709VA

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	≤10ms	
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 2500VAC 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 14g	

订货示例 Ordering example

	WL152F	-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 Number of Poles: 1-1 group							
线圈电压: 3, 5, 6, 9, 12, 18, 24, 48VDC Coil Voltage: 3, 5, 6, 9, 12, 18, 24, 48VDC							
线圈功率: D-0.36W Coil Power:D-0.36W							
触点形式: M-常开, 无-转换, B-常闭 Contact Arrangement: M-N/0 , Nil-C/0 , B-N/C							
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							

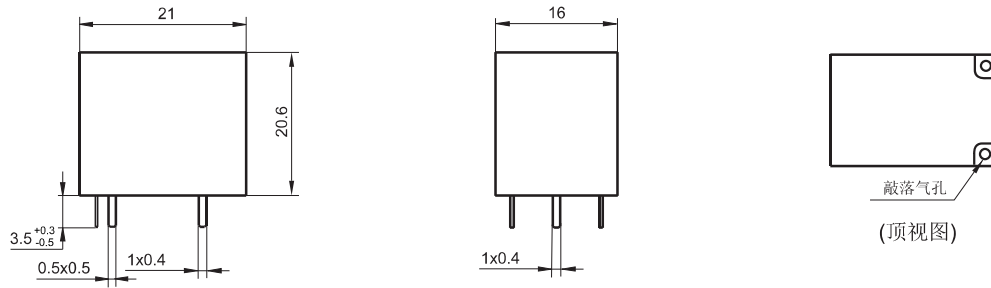
线圈参数 Coil parameters (at 20°C)

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	25	2.25	0.3	0.36
5	6.5	69	3.75	0.5	
6	7.8	100	4.5	0.6	
9	11.7	225	6.75	0.9	
12	15.6	400	9	1.2	
18	23.4	900	13.5	1.8	
24	31.2	1600	18	2.4	
48	62.4	6400	36	4.8	

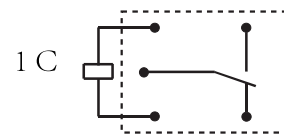
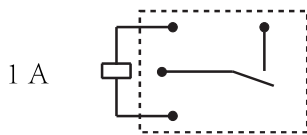
安全认证负载 Safety certified load

认证类别 Certification category	CQC	TUV	UL
认证负载 Certified load	20/17A, 277/250/125VAC 17/15A, 277/250 VAC	20/17A, 277/250/125VAC 17/15A, 277/250 VAC	20/17/15/12/10A, 277/250 VAC 20A, 125VAC TV-8, 125/250Vac 1/2hp, 125Vac, 1hp, 250Vac

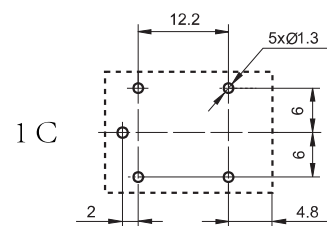
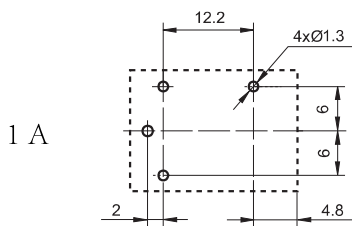
外形及安装图 Outline and installation drawing



Outline Dimensions
外形图



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

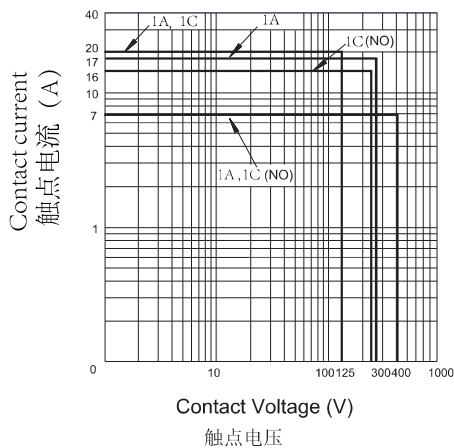


Mounting hole size (bottom view)
安装孔尺寸 (底视图)

性能曲线图 Performance chart

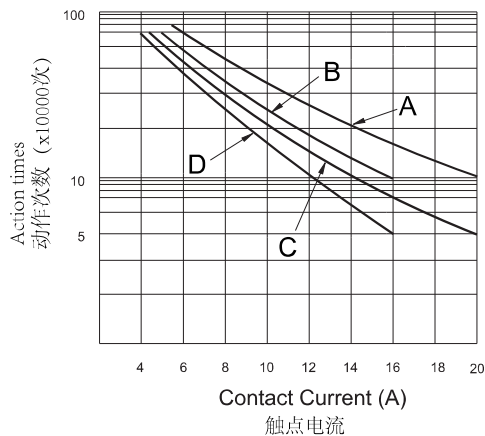
MAXIMUM SWITCHING POWER

最大切换功率



ENDURANCE CURVE

电耐久曲线



备注:

(1) 曲线A指1A, 曲线B指1A, 曲线C指1C, 曲线D指1C.

(2) 测试条件:

曲线A: 20A 125VAC, 阻性负载, 室温, 1s通 9s断.

曲线B: 16A 250VAC, 阻性负载, 85°C, 1s通 9s断.

曲线C: NO端, 20A 125VAC, 阻性负载, 室温, 1s通 9s断.

曲线D: NO端, 16A 250VAC, 阻性负载, 85°C, 1s通 9s断.

Notes:

1. Curve A:1A type, Curve B:1A type, Curve C:1C type, Curve D:1C type

2. Test conditions:

Curve A: 20A 125VAC, Resistive load, Room temp., 1s on 9s off

Curve B: 16A 250VAC, Resistive load, at 85 °C, 1s on 9s off

Curve C: NO, 20A 125VAC, Resistive load, Room temp., 1s on 9s off

Curve D: NO, 16A 250VAC, Resistive load, at 85 °C, 1s on 9s off