

特点Characteristic

- 16A触点切换能力
16A contact switching capability
- 塑封型和防焊剂型可供选择
Plastic and flux proof are available
- 线圈与触点间介质耐压5KV
5KV dielectric strength (between coil and contacts)
- 外形尺寸 (29×12.7×15.7) mm
Overall dimensions (29×12.7×15.7) mm



触点参数Contact parameters

型号Model	WL115F	
触点形式Contact form	1A, 1B, 1C	2A, 2B, 2C
最大切换电流Maximum switching current	20A	10A
最大切换电压Maximum switching voltage	277VAC	277VAC
最大切换功率Maximum switching power	5540VA/3000VA	2700VA
触点负载 (阻性) Contact load (resistive)	12A/16A 250VAC	8A 250VAC

性能参数Performance parameter

触点材料Contact material	银合金 Ag alloy	
接触电阻Contact resistance	Max100MΩ(1A 6VDC)	
动作时间Action time	≤15ms	
释放时间Release time	≤10ms	
绝缘电阻Insulation resistance	Min 100MΩ (500VDC)	
介质耐压 Dielectric Strength	触点间 Between contacts	AC 1000VAC 50/60Hz 1min
	触点线圈间 Between contact coils	AC 5000VAC 50/60Hz 1min
	触点组间 Contact contact sets	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	5%~85%RH	
环境温度Ambient temperature	-40°C~85°C	
浪涌电压Surge voltage	5kV	
重量Weight	约Approx 13.5g	

订货示例 Ordering example

继电器型号 Type	WL115F	-S	1	12	H	M	2	X
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, 18, 24, 48, 60, 110VDC Coil Voltage: 3, 5, 6, 9, 12, 18, 24, 48, 60, 110VDC								
线圈功率: D-0.4W, H-0.53W Coil Power: D-0.4W, H-0.53W								
触点形式: M-常开, 无-转换, B-常闭 Contact Arrangement: M-N/O, Nil-C/O, B-N/C								
引出脚间距: 1--3.5mm, 2--5mm Lead out foot spacing: 1--3.5mm, 2--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-standard								

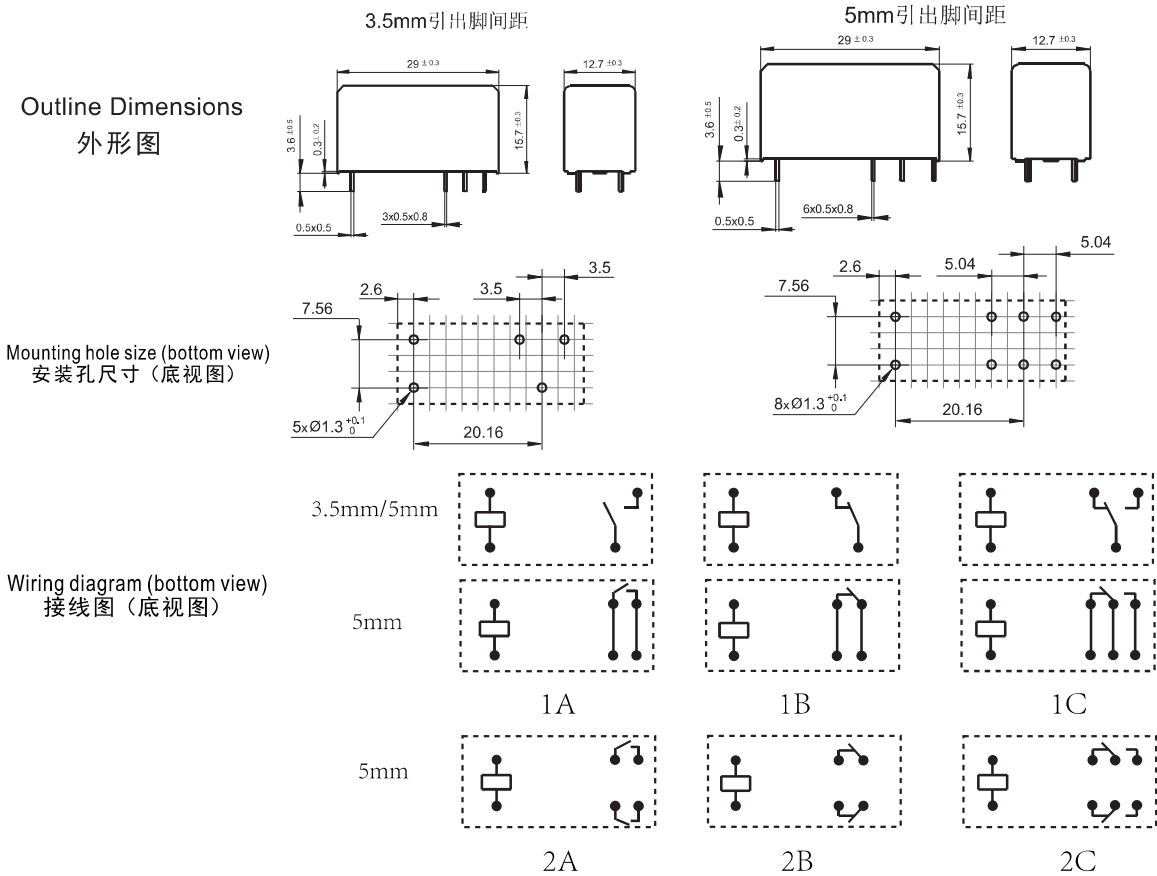
线圈参数 Coil parameters (at 20°C)

型号规格 Coil Voltage		线圈电阻 Coil Resistance	动作电压 Pick-up Voltage	释放电压 Drop-out Voltage	功率 Coil Power
额定 rated	最大 Max		额定电压的75% 75% of rated voltage	额定电压的10% 10% of rated voltage	
VDC		$\Omega \pm 10\%$	VDC	VDC	W
5	7.5	63	3.75	0.5	0.4
6	9	90	4.5	0.6	
9	13.5	203	6.75	0.9	
12	18	360	9	1.2	
18	27	810	13.5	1.8	
24	36	1440	18	2.4	
48	72	5760	36	4.8	
60	90	9000	45	6	
110	165	30250	82.5	11	0.53
5	7.5	47	3.75	0.5	
6	9	68	4.5	0.6	
9	13.5	153	6.75	0.9	
12	18	272	9	1.2	
18	27	611	13.5	1.8	
24	36	1087	18	2.4	
48	72	4347	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	1Pole: 16A 250VAC 12A 250VAC 2Poles: 8A 250VAC	1Pole: 16A 250VAC 12A 250VAC 10A 250VAC 2Poles: 8A 250VAC	1Pole(16A): 16A 250VAC,Resistive &G.P. 20A 277VAC,Resistive &G.P. 1HP,480/240VAC 1/2HP,120VAC 10FLA/60LRA,240VAC PilotDuty:A300360VA,120VAC 2Poles: 10A 250VAC,Resistive &G.P. 8A 277VAC,Resistive &G.P. 10A 30VDC,Resistive&G.P. 8A 30VDC,Resistive&G.P. 1/2HP,240VAC 1/4HP,120VAC 6FLA/34.8LRA,120VAC 5FLA/17.4LRA,240VAC PilotDuty:B300 1Pole(12A): 12A 250VAC,Resistive &G.P. 10A 277VAC,Resistive &G.P. 3/4HP,3.5FLA,480VAC 1/2HP,4.9FLA,240VAC 1/3HP,120VAC 10FLA/48LRA,240VAC PilotDuty:A300360VA,120VAC

外形及安装图 Outline and installation drawing



性能曲线图 Performance chart

