



Features

- Small size;
- Contact load capacity up to 40A;
- PC board mounting;
- Confirm to RoHS standard;
- Suitable for automation system and automobile auxiliary etc.

Ordering Information 订货说明

<u>WM734</u>	<u>- 12</u>	<u>- A</u>	<u>- R</u>	<u>XXX</u>
1	2	3	4	5
1 Part number 继电器型号: WM734				
2 Coil rated Voltage(VDC)线圈额定电压: 12: 12V; 24: 24V				
3 Contact Form 触点形式: A: 1 Form A; C: 1 Form C				
4 Coil transient suppression 线圈瞬态抑制: R: with resistance 带电阻; Nil: standard 常规				
5.xxx: Customer special specification 客户特殊要求				

Contact Data 触点参数

Contact Form 触点形式	1A (SPSTNO), 1C (SPDT(B-M))	
Contact Material 触点材料	Ag Alloy	
Contact Rating (resistive) 触点负载 (阻性)	1A	1C
	40A/14VDC	NO: 40A/14VDC, NC: 30A/14VDC
Max. Switching Voltage 最大切换电压	75VDC	
Max. Switching Current 最大切换电流	40A	
Max. Switching Power 最大切换功率	560W	
Contact Resistance or Voltage drop 接触电阻或接触压降	≤100mΩ(0.1A at 6VDC)	
Electrical Life 电气寿命	1×10 ⁵ ops	
Mechanical Life 机械寿命	1×10 ⁷ ops	

Coil Parameter 线圈参数

Dash numbers 规格	Coil voltage 线圈电压(VDC)		Coil resistance 线圈电阻 Ω±10%		Pickup voltage VDC(Max.) 最大起动电压	Release voltage VDC(Min.) 最小释放电压	Coil power 线圈功率	Operate Time 起动时间	Release Time 释放时间
	Rated 额定	Max. 最大	Coil 线圈	Parallel resistance 并联电阻					
12V	12V	15.6V	110	---	7.8V	1.2V	1.3W	≤7 ms	≤5 ms
12V	12V	15.6V	110	680	7.8V	1.2V	1.5W		
24V	24V	31.2V	360	---	15.6V	2.4V	1.6W	≤7 ms	≤5 ms
24V	24V	31.2V	360	2700	15.6V	2.4V	1.8W		

Operation condition 工作条件

Insulation Resistance 绝缘电阻		100MΩ Min. (at 500VDC)
Dielectric Strength 介质耐压	Between Contacts	50Hz 500VAC / 1 minute
	Between Coil and Contacts	50Hz 750VAC / 1 minute
Shock resistance 抗冲击		147m/s ² 11ms
Vibration resistance 抗震		10~40Hz double amplitude 1..27mm
		40~70Hz 50m/s ²
		70~100Hz double amplitude 0.5mm
		100~500Hz 100m/s ²
Terminals strength 引出端强度		100N
Solderability 可焊性		235°C±2°C 3±0.5s
Ambient Temperature 环境温度		-40°C ~ +85°C 85%RH/40°C
Relative Humidity 相对湿度		95% (at 45°C)
Weight 重量(Approx.)		19g

Layout (Bottom views, Unit: mm)外形尺寸、接线图 (底视图)

Dimensions / Wiring diagram (Bottom views)

Terminal Layout (Bottom views)

1C 1A

Wiring diagram (Bottom views)

1A (Coil: standard) 1A (with Resistance) 1C (Coil: standard) 1C (with Resistance)

Reference Data 性能曲线图

