

**Features**

- Miniature, heavy power;
- Low coil power consumption, heavy contact load.
- Strong anti-shock and anti-vibration, high reliability, long life.
- PC board mounting.
- Suitable for controlling system.

Ordering Information 订货说明

<u>WM696</u>	- <u>12</u>	<u>A</u>	- <u>S</u>	- <u>50</u>	- <u>H</u>	<u>xxx</u>
1	2	3	4	5	6	7
1 Part number 继电器型号: WM696						
2 Coil rated Voltage(V) 线圈额定电压: DC: 12V, 24V, 48V;						
3 Contact Form 触点形式: A: 1A; C: 1C;						
4 Enclosure 封装方式: S: Sealed; Nil: Dust Cover(Unsealed)						
5 Contact Rating(resistive) 触点负载(阻性): 50: 50A/240VAC; 70: 70A/240VAC						
6 Coil enameled wire 线圈漆包线等级: H: H class; Nil: F class						
7 Special request code 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	Silver Alloy	
Contact Rating (resistive) 触点负载(阻性)	1A 50A/240VAC; 70A/240VAC	1C NO:50A/240VAC, NC:50A/240VAC NO:70A/240VAC, NC:70A/240VAC
Max. Switching Voltage 最大切换电压	300VAC	
Max. Switching Current 最大切换电流	50A; 70A	
Max. Switching Power 最大切换功率	12000VA ; 16800VA	
Contact Resistance or Voltage drop 接触电压或接触压降	≤30mΩ	
Electrical Life 电气寿命	4×10 ⁴ 次	
Mechanical Life 机械寿命	1×10 ⁷ 次	

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 起动作时间	Release Time 释放时间
	Rated 额定	Max.最大						
012	12	15.6	90	9.00	1.2	1.6W (50A)	≤15 ms	≤10 ms
024	24	31.2	360	18.00	2.4			
048	48	62.4	1440	36.00	4.8			
012	12	15.6	57.6	9.00	1.2	2.5W (70A)	≤15 ms	≤10 ms
024	24	31.2	230.4	18.00	2.4			
048	48	62.4	921.6	36.00	4.8			

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 1500V
	Between Coil and Contacts	50Hz 3000V
Shock resistance 抗冲击		200m/s ² 11ms
Vibration resistance 抗震		10~55Hz double amplitude 1.5mm
Terminals strength 引出端强度		50N
Solderability 可焊性		235℃±2℃ 3±0.5s
Ambient Temperature 环境温度		-40℃ ~ +85℃; -40℃ ~ +105℃ (H class)
Relative Humidity 相对湿度		85% (at 40℃)
Weight 重量		70g

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