

**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

<u>WM696-1</u>	<u>- 12</u>	<u>A</u>	<u>-S</u>	<u>-70</u>	<u>- H</u>	<u>- XXX</u>
1	2	3	4	5	6	7
1 Part number: WM696-1						
2 Coil rated Voltage(V): DC: 12V, 24V,						
3 Contact Form: A: 1A; C: 1C;						
4 Enclosure: S: Sealed; Nil: Dust Cover;						
5 Contact Rating(resistive) : Nil: 50A/240VAC; 70: 70A/240VAC						
6 Coil enameled wire: H: H class ; Nil: F class						
7 Special request code:						

Contact Data

Contact Form	1A (SPSTNO)、1C (SPDT(B-M))	
Contact Material	Silver Alloy	
Contact Rating (resistive)	1A	1C
	50A/240VAC; 70A/240VAC	NO:50A/240VAC, NC:50A/240VAC NO:70A/240VAC, NC:70A/240VAC
Max. Switching Voltage	300VAC	
Max. Switching Current	50A; 70A	
Max. Switching Power	15000VA	
Contact Resistance or Voltage drop	≤30mΩ	
Electrical Life	4×10 ⁴ ops	
Mechanical Life	1×10 ⁷ ops	

Coil Parameter

Dash numbers	Coil voltage (VDC)		Coil resistance Ω±10%	Pickup voltage VDC(max)	Release voltage VDC(min)	Coil power	Operate Time	Release Time
	Rated	Max.						
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			
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			

Operation condition

Insulation Resistance		100MΩ min (at 500VDC)
Dielectric Strength	Between Contacts	50Hz 1500V
	Between Coil and Contacts	50Hz 3000V
Shock resistance		200m/s ² 11ms
Vibration resistance		10~55Hz double amplitude 1.5mm
Terminals strength		50N
Solderability		235°C±2°C 3±0.5s
Ambient Temperature		-40°C ~ +85°C ; -40°C ~ +105°C (H class)
Relative Humidity		85% (at 40°C)
Weight		67g

Layout (Bottom views, Unit: mm)

