

**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>XXX</u>
1	2	3	4	5
1 Part number: WM696-1				
2 Coil rated Voltage(V): DC: 12V, 18V, 24V, 48V;				
3 Contact Form: A: 1A; C: 1C;				
4 Enclosure: S: Sealed; Nil: Dust Cover;				
5 Special request code				

**Contact Data**

Contact Form	1A (SPSTNO)、1C (SPDT(B-M))		
Contact Material	Silver Alloy		
Contact Rating (resistive)	1A	1B	1C
	60A/240VAC	:50A/240VAC	NO:50A/240VAC NC:50A/240VAC
Max. Switching Voltage	300VAC		
Max. Switching Current	60A		
Max. Switching Power	15000VA		
Contact Resistance or Voltage drop	≤30mΩ		
Electrical Life	4×10 <sup>4</sup> ops		
Mechanical Life	1×10 <sup>7</sup> 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	≤15 ms	≤10 ms
018	18	23.4	202.5	13.50	1.8			
024	24	31.2	360	18.00	2.4			
048	48	62.4	1440	36.00	4.8			

### Operation condition

Insulation Resistance		100MΩ min (at 500VDC)
Dielectric Strength	Between Contacts	50Hz 1500V
	Between Coil and Contacts	50Hz 3000V
Shock resistance		200m/s <sup>2</sup> 11ms
Vibration resistance		10~55Hz double amplitude 1.5mm
Terminals strength		50N
Solderability		235°C±2°C 3±0.5s
Ambient Temperature		-30°C ~ +70°C
Relative Humidity		85% (at 40°C)
Weight		67g

### Layout (Bottom views, Unit: mm)

#### Dimensions / Wiring diagram (Bottom views)

