

**Features**

- Small size;
- Contact load capacity up to 40A;
- Quick Connection type;
- Suitable for automation system and automobile auxiliary etc.

**Ordering Information**

<u>WM732</u>	<u>- 12</u>	<u>- A</u>	<u>- M</u>	<u>- R</u>	<u>- xxx</u>
1	2	3	4	5	6
1 Part number: WM732					
2 Coil rated Voltage(VDC): 6: 6V; 12: 12V; 24: 24V					
3 Contact Form: A: 1A; B: 1B; C: 1C					
4 Metal Bracket: M: With Metal Bracket; Nil: Without Metal Bracket					
5 Coil transient suppression: D: with diode; R: with resistance; Nil: standard					
6 xxx: Customer special specification					

**Contact Data**

Contact Form	1A (SPSTNO)、1B (SPSTNC)、1C (SPDT(B-M))		
Contact Material	Ag Alloy		
Contact Rating (resistive)	1A	1B	1C
	40A/14VDC	30A/14VDC	NO: 40A/14VDC NC: 30A/14VDC
Max. Switching Voltage	75VDC		
Max. Switching Current	40A		
Max. Switching Power	560W		
Contact Resistance or Voltage drop	≤100mΩ		
Electrical Life	1×10 <sup>5</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 *See notes
	Rated	Max.						
006-1800	6V	7.8V	22.5	3.9V	0.6V	1.6W	≤10 ms	≤10 ms *1)
012-1800	12V	15.6V	90	7.8V	1.2V			
024-1800	24V	31.2V	360	15.6V	2.4V		≤15 ms	≤15 ms *2)

Notes: \*1) With resistance + 5ms; With diode + 10ms

\*2) With diode + 10ms

### Operation condition

Insulation Resistance		100MΩ Min. (at 500VDC)
Dielectric Strength	Between Contacts	50Hz 500VAC / 1 minute
	Between Coil and Contacts	50Hz 750VAC / 1 minute
Shock resistance		200m/s <sup>2</sup> 11ms
Vibration resistance		10~40Hz double amplitude 1.27mm 40~70Hz 50m/s <sup>2</sup> 70~100Hz double amplitude 0.5mm 100~500Hz 100m/s <sup>2</sup>
Terminals strength		50N
Solderability		235°C±2°C    3±0.5s
Ambient Temperature		-40°C ~ +85°C
Relative Humidity		95% (at 45°C)
Weight(Approx.)		43g(With Metal Bracket)、37g(Without Metal Bracket)

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

Dimensions / Wiring diagram (Bottom views)

Terminal Layout (Bottom views)

Coil: standard    Coil: with Resistance    Coil: with Diode

1A    1B    1C

Wiring diagram (Bottom views)