

**Features**

- Bolt connection;
- Working temp up to 125 degree;
- With instant-state resistance;
- Contact load capacity up to 75A;
- Suitable for automobile.

**Ordering Information**

<u>WM928</u>	<u>- 12</u>	<u>- A</u>	<u>D</u>
1	2	3	4
1 Part number: WM928			
2 Coil rated Voltage(VDC): 12: 12V, 24: 24V			
3 Contact Form: A:1 Form A			
4 Coil transient suppression: D: with diode.; 2D: with two diodes; R: with resistance; NIL: standard			

**Contact Data**

Contact Form	1A (SPSTNO)
Contact Material	Ag•Alloy
Contact Rating (resistive)	1A
	75A/14VDC; 50A/24VDC
Max. Switching Voltage	28VDC
Max. Switching Current	75A
Max. Switching Power	1200W
Contact Resistance or Voltage drop	≤50mΩ
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.						
12V	12V	15.6V	46	7.8V	1.2V	3.1W	≤10 ms	≤10 ms *1)
24V	24V	31.2V	130	15.6V	2.4V	4.4W	≤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
	Between Coil and Contacts	50Hz 750VAC
Shock resistance		147m/s <sup>2</sup> 11ms
Vibration resistance		10~40Hz double amplitude 1.5mm
Terminals strength		100N
Solderability		235°C±2°C 3±0.5s
Ambient Temperature		-40°C~125°C
Relative Humidity		85% (at 40°C)
Mass (Approx.)		87g

### Layout (Unit: mm)

Dimensions / Wiring diagram

**Terminal Layout**

Standard

D: With diode

R: With resistance

2D: With two diodes