



Open type 24×20×19



Sealed type 26.1×21.5×21

Features

- Miniature;
- Contact load capacity up to 40A at 14VDC;
- Pc board mounting;
- Both European 11mm pole distance and American 8mm pole distance footprint available.
- Suitable for automobile.

Ordering Information 订货说明

<u>WM656</u>	<u>- 12</u>	<u>- A</u>	<u>- 11</u>	<u>S</u>	<u>1.6</u>
1	2	3	4	5	6
1 Part number 继电器型号: WM656					
2 Coil rated voltage(VDC)线圈额定电压 6: 6V; 9: 9V; 12: 12V; 24: 24V					
3 Contact form 触点形式: A: 1A; B: 1B; C: 1C					
4 Terminal distance type 脚位类型 11: European 11mm pole distance; 8: American 8mm pole distance					
5 Enclosure 封装方式: S: Sealed type 密封式; Nil: Open type 无壳式					
6 Coil Power consumption 线圈功率: 1.6: 1.6W; 1.8: 1.8W; (at customer's choice 定制)					

Contact Data 触点参数

Contact Form 触点形式	1A (SPSTNO)、1B (SPSTNC)、1C (SPDT(B-M))		
Contact Material 触点材料	Ag Alloy		
Contact Rating (resistive) 触点负载 (阻性)	1A	1B	1C
	40A/14VDC	30A/14VDC	NO: 40A/14VDC, NC: 30A/14VDC
Max. Switching Voltage 最大切换电压	75VDC 380VAC		
Max. Switching Current 最大切换电流	40A		
Max. Switching Power 最大切换功率	560W		
Contact Resistance or Voltage drop 接触电阻或接触压降	≤100mΩ		
Electrical Life 电气寿命	1×10 ⁵ 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) 最大起动车电压	Release voltage VDC(min) 最小释放电压	Coil power 线圈功率	Operate Time 起动时间	Release Time 释放时间
	Rated 额定	Max. 最大						
6V	6V	7.8V	22.5	4.2V	0.6V	1.6W	≤5 ms	≤3 ms
9V	9V	11.7V	50.6	6.3V	0.9V			
12V	12V	15.6V	90	8.4V	1.2V			
24V	24V	31.2V	360	16.8V	2.4V			
6V	6V	7.8V	20	4.2V	0.6V	1.8W	≤5 ms	≤3 ms
9V	9V	11.7V	45	6.3V	0.9V			
12V	12V	15.6V	80	8.4V	1.2V			
24V	24V	31.2V	320	16.8V	2.4V			



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 500VAC / 1 minute
	Between Coil and Contacts	50Hz 750VAC / 1 minute
Shock resistance 抗冲击		200m/s ² 11ms
Vibration resistance 抗震		10~40Hz double amplitude 1.27mm
Terminals strength 引出端强度		10N
Solderability 可焊性		235°C±2°C 3±0.5s
Ambient Temperature 环境温度		-40°C ~ +85°C
Relative Humidity 相对湿度		85% (at 40°C)
Weight 重量(Approx.)		19g(Open type)、21g(Sealed type)

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

Dimensions / Wiring diagram (Bottom views)

The drawings show the following dimensions and features:

- European Sealed type:** Max 26.1, Max 21.5, 3.5, 15.9, 2.7, 3.3, 12.1, 2-1*0.4, 2-1.4*0.8, 3-1.5*1.
- USA Sealed type:** Max 26.1, Max 21.5, 4.3, 14.8, 2.7, 3.8, 11.9, 2-1*0.4, 2-1.4*0.8, 3-1.5*1.
- European Terminal Layout (Bottom views):** 15.9, 10.1, 3.3, 12.1, 5.9, 2.2, 13.2.
- USA terminal Layout (Bottom views):** 14.8, 9.1, 3.8, 11.9, 5.35, 2.3, 12.2.
- Open type:** Max 24, 3, Max 20, Max 19, 3.5±0.3.
- Wiring diagram (Bottom views):** 1A, 1B, 1C showing various contact configurations.

Reference Data 性能曲线图

