



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**

<u>WM656</u>	- <u>12</u>	- <u>A</u>	- <u>11</u>	<u>S</u>	<u>xxx</u>
1	2	3	4	5	6
1 Part number: WM656					
2 Coil rated voltage(VDC) 6: 6V; 9: 9V; 12: 12V; 24: 24V					
3 Contact form: A: 1A; B: 1B; C: 1C					
4 Terminal distance type 11: European 11mm pole distance; 8: American 8mm pole distance					
5 Enclosure: S: Sealed type; Nil: Open type					
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 380VAC		
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		

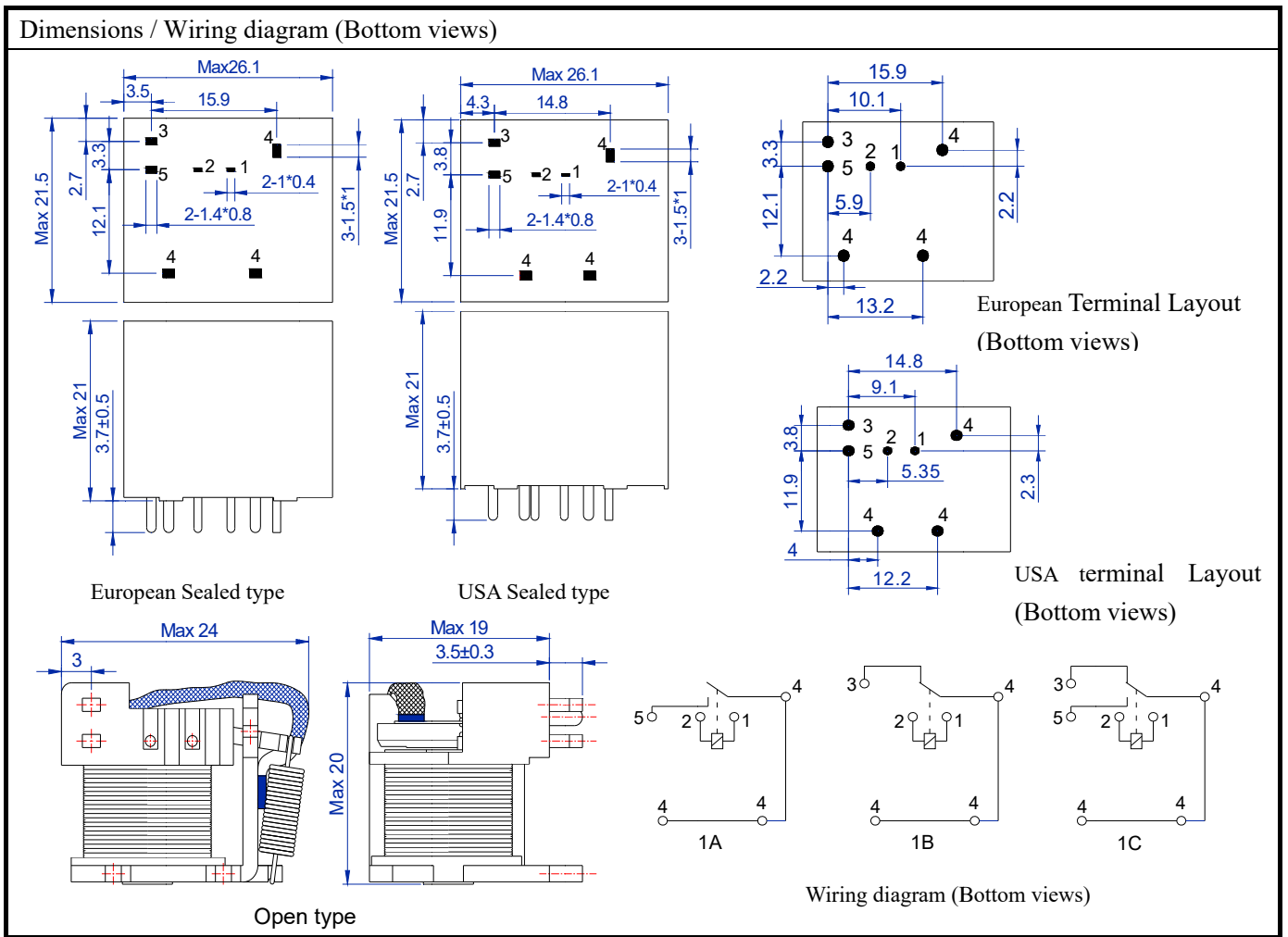
**Coil Parameter**

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

### 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	
Terminals strength	10N	
Solderability	235°C±2°C    3±0.5s	
Ambient Temperature	-40°C ~ +85°C	
Relative Humidity	85% (at 40°C)	
Weight(Approx.)	19g(Open type)、 21g(Sealed type)	

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



### Reference Data

