

Automotive Relays **JR656**

L×W×H(mm):24×20×19\26.5×21.5×21

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

Open type24×20×19

Sealed type26.5×21.5×21

Ordering Information

JR656	- 12	- A	- 11	S	1.6
1	2	3	4	5	6
1 Part number: JR656					
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 Coil Power consumption: 1.6: 1.6W; 1.8: 1.8W; 1.2: 1.2W (at customer's choice)					

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	$\leq 100\text{m}\Omega$
Electrical Life	1×10^5 Times
Mechanical Life	1×10^7 Times

Coil Parameter

Dash numbers	Coil voltage (VDC)		Coil resistance $\Omega \pm 10\%$	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			
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			

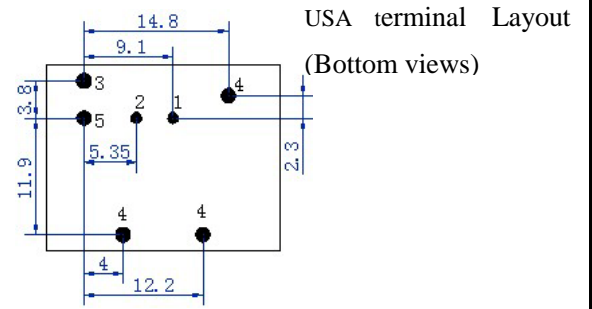
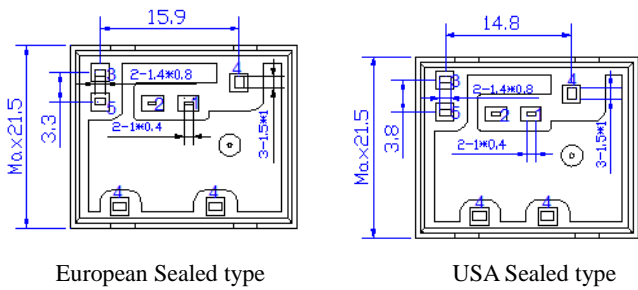
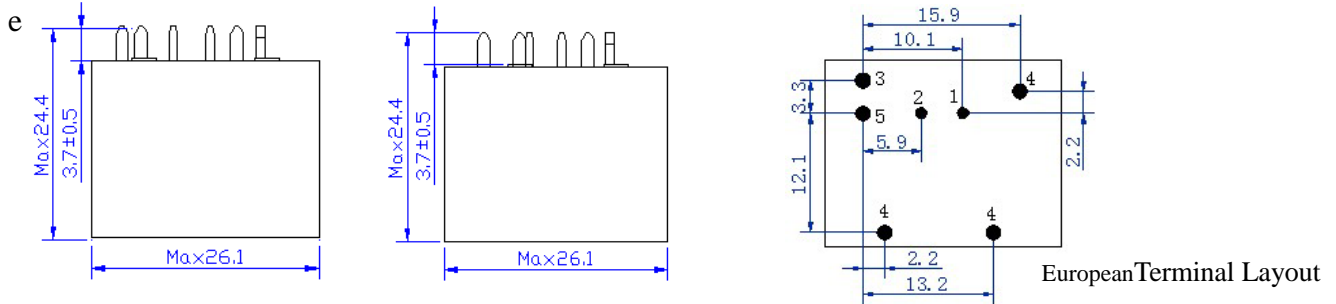
Operation condition

Insulation Resistance	100M Ω Min. (at 500VDC)	
Dielectric Strength	Between Contacts	50Hz 500VAC / 1 minute
	Between Coil and Contacts	50Hz 750VAC / 1 minute
Shock resistance	200m/s ²	11ms
Vibration resistance	10~40Hz double amplitude 1.27mm	
Terminals strength	10N	
Solderability	235°C \pm 2°C 3 \pm 0.5s	
Ambient Temperature	-40°C ~ +85°C	

Relative Humidity	85% (at 40°C)
Weight(Approx.)	19g(Open type)、21g(Sealed type)

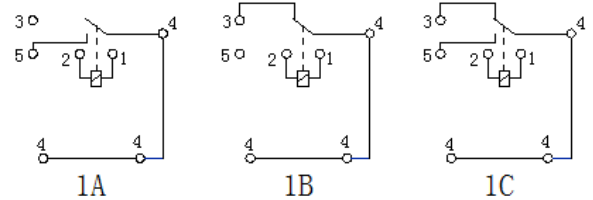
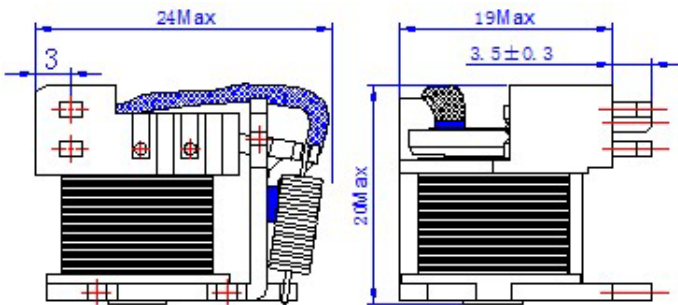
Layout (Bottom views, Unit: mm)

Dimensions / Wiring diagram (Bottom views)



Open type

Wiring diagram(Bottom views)



1A

1C

Reference Data

