

 <p>Relays for advanced technology</p>	<p>AUTOMOTIVE POWER RELAYS</p>	<p>WJ182-RELAYS</p>
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- Low coil power consumption.
- High contact load.
- strong anti-shock high reliability.

SPECIFICATIONS

Contact

Arrangement	1C,1A,1B	
Contact Material	Silver alloy	
Contact Resistance (By voltage drop 6V 1A)	Max.20m•	
Rating		
Resistive load	80A 250VAC	
Max. Switching Power	2200W	20000VA
Expected life(min.ope)		
Mechanical(at 120 cpm)	1×10 ⁶	
Electrical (at 20 cpm)	2×10 ⁴	

Characteristics

Operate Time	Max.15msec.	
Release Time	Max.15msec.	
Operating humidity	40to 90% RH	
Initial breakdown voltage		
Between coil & contact	1500VAC (50/60Hz)for 1 min.	
Between open contacts	2500VAC (50/60Hz)for 1 min.	
Insulation Resistance	Min.1000M• (500 VDC)	
Ambient temperature	-40C . . . +55C	
Shock	Functional	Min.10G
Resistance	Destruction	Min.100G
Vibration	Functional	10 to 55 Hz at double Amplitude of 1.5mm
Resistance	Destruction	10 to 55 Hz at double Amplitude of 1.5mm
Unit weight	•240g	

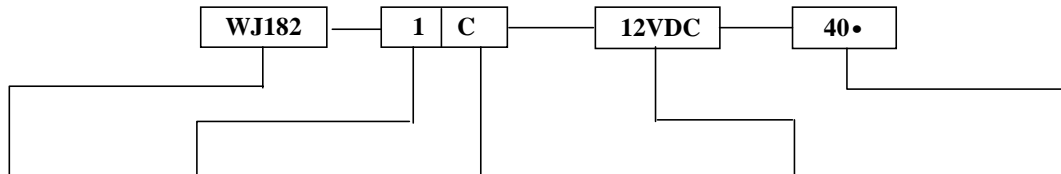
Coil

Nominal operating power	3.6W to 6.0VA
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TYPICAL APPLICATION

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| <p>1.Industrial machine
2.Electrical equipment</p> | <p>3.Household applications</p> |
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ORDERING INFORMATION



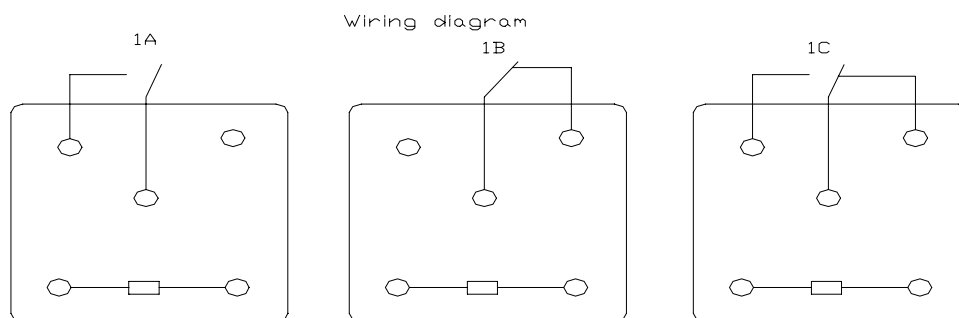
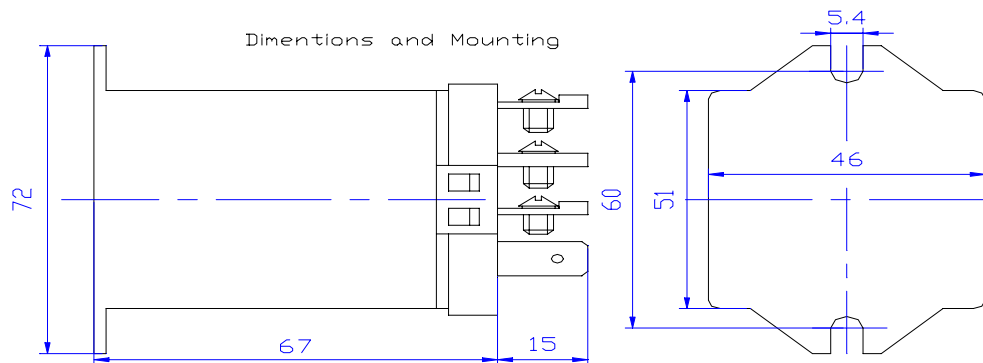
Type	Number of pole	Contact form	Coilvoltage (DC)	Coil resistance
WJ182	1 :1pole	A: 1 form A	12, 24V	40,160 : 3.6W
		B: 1 form B	220VAC	1600 : 6.0VA
		C: 1 form C		

COIL DATA (at 20C)

Nominal Voltage (VDC)	Coil Resistance (•)±10%	Power Consumption (W)	Pull-in Voltage (VDC)	Drop-out Voltage (VDC)	Max.Allowable Voltage (VDC)
12	40	3.6	75% Max.	10% Min.	120% of nominal voltage
24	160				
220VAC	1600	6.0VA	80% Max.	30% Min.	

DIMENSIONS

Unit: mm



Note: The relative changes for the specification will not be advised in the future.