 Relays for advanced technology	WANJIA	POWER RELAYS	WJ175-RELAYS
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- Low coil power consumption.
- High contact load.
- strong anti-shock high reliability.

**SPECIFICATIONS**

**Contact**

Arrangement	3A,3B,3C,
Contact Material	Silver alloy
Contact Resistance (By voltage drop 6V 1A)	Max.50m•
Rating	
Resistive load	40A 250VA
Max. Switching Power	1120W 10000VA
Expected life(min.ope)	
Mechanical(at 120 cpm)	1×10 <sup>6</sup>
Electrical (at 20 cpm)	1×10 <sup>5</sup>

**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	2000VAC (50/60Hz)for 1 min.
Insulation Resistance	Min.1000M• (500 VDC)
Ambient temperature	-40C +55C
Shock	Functional
Resistance	Destruction
Vibration	Functional
Resistance	Destruction
Unit weight	•125g

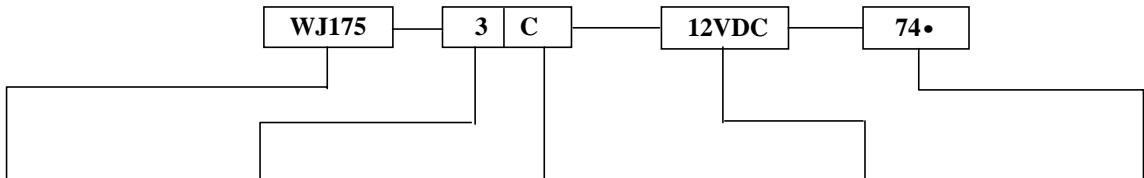
**Coil**

Nominal operating power	2.6W to 4.0VA
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**TYPICAL APPLICATION**

- 1.Industrial machine
- 2.Electrical equipment
- 3.Air conditioner and household applications

**ORDERING INFORMATION**



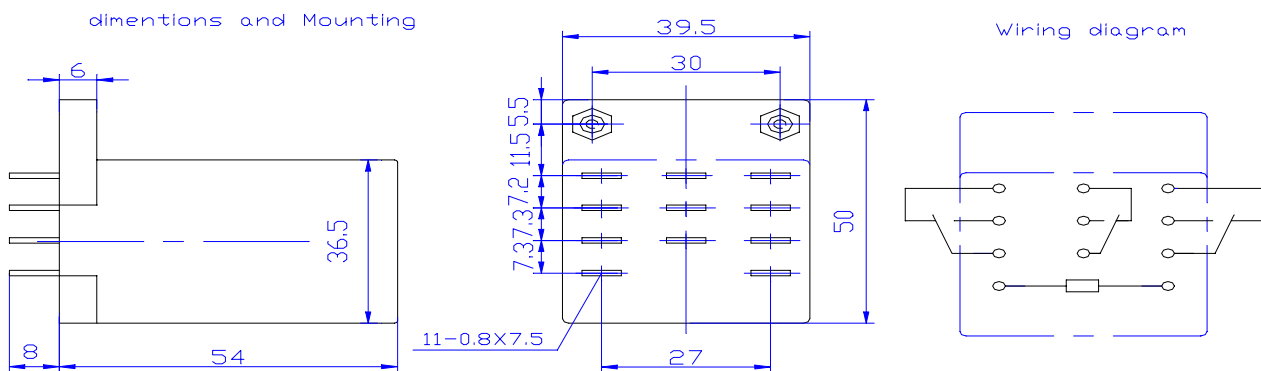
Type	Number of pole	Contact form	Coilvoltage (DC)	Coil resistance
WJ175	3 :3pole	A: 1 form A	12, 24V	56, 230 : 2.6W
		B: 1 form B	220VAC	3100 : 4.0VA
		C: 1 form C		

**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	56	2.6	75% Max.	10% Min.	120% of nominal voltage
24	230				
220VAC	3100	4.0VA	80% Max.	30% Min.	

**DIMENSIONS**

Unit: mm



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