

 <b>WANJIA</b> Relays for advanced technology	MAGNETIC	WJ304A
	LATCHING RELAY	WJ304B



- High Switching load
- Good Energy-saving ability
- Long life and high reliability
- UL approval ( Processing E190548)
- Conform to Stands IEC255,IEC60065
- Varies Shunts or braid wires can be welded by us

## SPECIFICATIONS

### Contact

Arrangement	1A;1B; 2A;2B	
Contact Material	Silver alloy	
Contact Resistive	Max.: 10 mΩ	
Rating	WJ304A	1A/1B:60A 220VAC/28VDC
Resistive load (cosφ=1)	WJ304B	2A/2B:40A 220VAC/28VDC 1A 28VDC
Max. Switching Voltage	250VAC/110VDC	
Max. Switching Power	13200VA/1680W	
Expected life		
Mechanical	10 <sup>6</sup>	
Electrical	5×10 <sup>5</sup>	

### Characteristics

Operate Time	Max.15msec.
Release Time	Max.15msec.
Initial breakdown voltage Between Coil & Contact	2000VAC (50/60Hz)for 1 min.
Between Open Contacts	1500VAC (50/60Hz)for 1 min.
Insulation Resistance	Min.500MΩ (500 VDC)
Ambient temperature	-40C+55C
Shock	100m/S <sup>2</sup>
Vibration	10 ~55 Hz 1.5mm Double Amplitude
Unit weight	≤75g

## TYPICAL APPLICATION

- 1) Prepayment Energy Meters/Water Meters/Gas Meters
- 3) Household Appliances

## ORDERING INFORMATION

WJ304A - K - 1 A - 12VDC  
 1            2            3            4            5

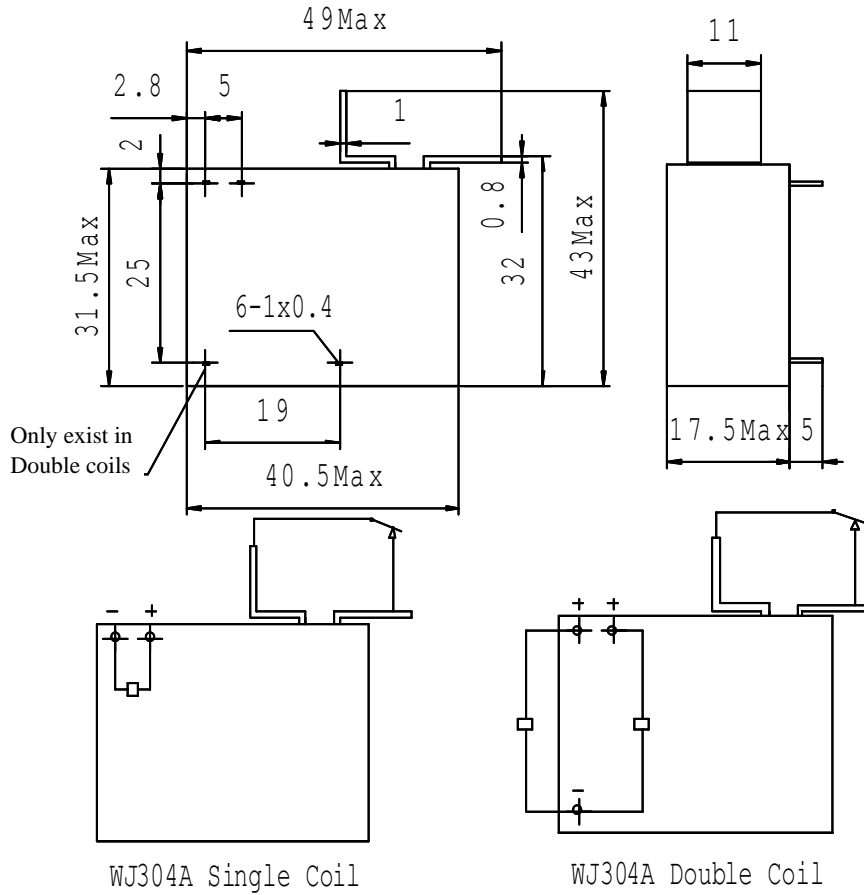
1 Type	2 Fixed Blade Type	3 Number of pole	4 Contact Form	5 Coil Voltage
WJ304A	Nil: Narrow Fixed Blade	1 :1pole	A: 1 Form A	5~48VDC
WJ304B	K: Wide Fixed Blade			

**COIL DATA (at 20C)**

Nominal Voltage (VDC)	Single Coil Resistance ( $\Omega$ ) $\pm$ 10%	Double Coil Resistance ( $\Omega$ ) $\pm$ 10%		Power Consumption (W)		Pull-in Voltage (VDC)	Drop-out Voltage (VDC)	Max.Allowable Voltage (VDC)
		Coil 1	Coil 2					
5	18	12.5	12.5	Single coil 1.3	Double coil 2.0	75% Max.	75% Max.	120% of nominal voltage
6	30	18	18					
9	62	42	42					
12	120	75	75					
24	480	300	300					
48	1920	1200	1200					

**DIMENSIONS**

Unit: mm



Continued

