RELAYS "R" US

Relays for every application

POWER RELAY

WJ180-RELAYS

- Low coil power consumption.
- High contact load.
- Strong anti-shock high reliability.

SPECIFICATIONS

Contact

Arrangement	1A、1B、1C
Contact Material	Silver alloy
Contact Resistance (By voltage drop 6V 1A)	Max.50mΩ
Rating Resistive<> load	60A 250VAC
Max. Switching Power	10000VA
Expected life (min. ope) Mechanical (at 120 c.p.m.) Electrical (at 20 c.p.m)	1×10^6 5×10^4

Characteristics

Operate Time		Max.15msec.
Release Time		Max.15msec.
Operating humidity		40to 85% R.H
Initial breakdown voltage Between coil & contact Between open contacts		1500VAC (50/60Hz)for 1 min. 2500VAC (50/60Hz)for 1 min.
Insulation Resistance		Min. 1000MΩ (500 VDC)
Ambient temperature		-40℃~+55℃
Shock Resistance	Functional	Min.10G
	Destruction	Min. 100G
Vibration Resistance	Functional	10 to 55 Hz at double Amplitude of 1.5mm
	Destruction	10 to 55 Hz at double Amplitude of 1.5mm
Unit weight		≤80g

Coil

Nominal operating power	2.5W 5.0VA

TYPICAL APPLICATION

1.Industrial machine

2.Electrical equipment

3.HouseHold applications

ORDERING INFORMATION

WJ180 - 1 C - 12VDC 60Ω

① ② ③ ④ □

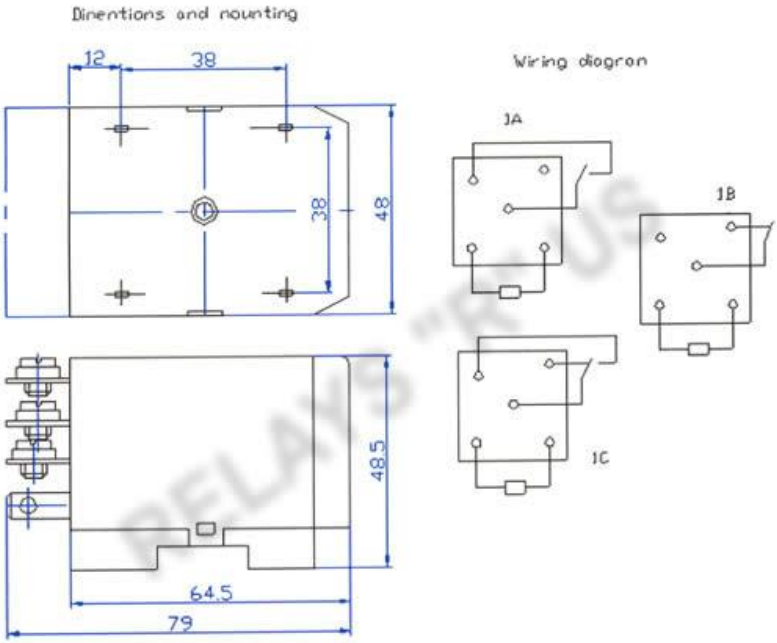
①Type	②Number of pole	③Contact form	④Coil voltage	□Coil resistance
WJ180	1:1pole	A: 1 Form A B: 1 Form B C: 1 Form C	DC: 12, 24, 110, 220V AC: 220V	60Ω,240Ω,500Ω etc: 2.5W 2200Ω : 5.0VA

COIL DATA (at 20^0C)

Nominal Voltage	Coil Resistance (Ω)±10%	Power Consumption	Pull-in Voltage	Drop-out Voltage	Max. Allowable Voltage
12Vdc	60	2.5	75%Max.	10%Min.	120% of nominal Voltage
24Vdc	240				
110Vdc	5000				
220Vdc	16500				
220Vac	2200	5.0VA	80%Max.	30%Min.	

DIMENSIONS

Unit: mm



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