| WANJIA<br>Relays for advanced technology | POWER RELAY | WJ184-<br>RELAYS |
|---|---|---|

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

# SPECIFICATIONS

**Contact**

| | |
|---|---|
| Arrangement | 2A、2B、2C |
| Contact Material | Silver alloy |
| Contact Resistance<br>(By voltage drop 6V 1A) | Max.50mΩ |
| Rating<br>Nominal switching capacity<br>Resistive load | 30A/ 80A |
| Max. Switching Voltage | 28VDC/300VAC |
| Max. Switching Current | 30A /80A |
| Max. Switching Power | 9000VA/840W |
| Expected life(min.ope)<br>Mechanical(at 120 cpm)<br>Electrical (at 20 cpm) | <br>$5\times10^6$<br>$2\times10^4$ |

**Characteristics**

| | | |
|---|---|---|
| Operate Time | | Max.20msec. |
| Release Time | | Max.15msec. |
| Initial breakdown voltage<br>Between coil & contact<br>Between open contacts | | <br>2000VAC (50/60Hz)for 1 min.<br>2000VAC (50/60Hz)for 1 min. |
| Insulation Resistance | | Min. 100MΩ (500 VDC) |
| Ambient temperature | | -40℃～+70℃ |
| Operating humidity | | 45to 85% RH |
| 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 | | Approx.335.5g |

**COIL DATE**

| | |
|---|---|
| Coil Consumption | sensitive:10VA/2W |
| Coil Voltage(1pole) | 6～110VDC |
| Coil Voltage(2pole) | 6～240VAC |
| Coil Resistance | see COIL SPECIFICATION below |

**UL/C-UL Rating**

| | |
|---|---|
| Resistive load<br>(cosΦ=1)<br>Inductive load<br>(cosΦ=0.75～0.8) | 2A,2B,2C<br>30A 300VAC<br>30A 28VDC |

## COIL SPECIFICATION(at20℃)

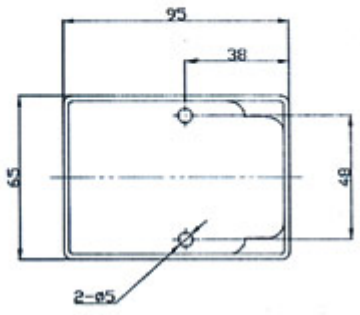
| Type | Nominal Voltage (VDC) (VAC) | Coil Resistance (Ω) | Nominal operating power (W) | Pick-up Voltage | Drop-out Voltage | Max.Allowable Voltage |
|---|---|---|---|---|---|---|
| | 6 | 1 | | | | |
| | 12 | 4.2 | | | | |
| | 24 | 16.5 | abt. | | | |
| AC | 48 | 67 | 10VA | 75%Max. | 30%Min. | 120% |
| | 110 | 350 | (50～60Hz) | | | |
| | 220 | 1400 | | | | |
| | 240 | 1600 | | | | |
| DC | 6 | 12 | abt.2W | 75%Max. | 10%Min. | 120% |
| | 12 | 48 | | | | |
| | 24 | 190 | | | | |
| | 48 | 760 | | | | |

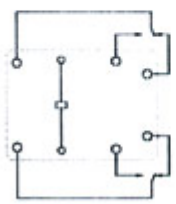
## ORDERING INFORMATION


| ① Type | ② Number of pole | ③ Contact form | ④ Coilvoltage |
|---|---|---|---|
| WJ184 | 2 : 2pole | A: Form A<br>B: Form B | Coil: 6-110VDC |
| | | C: Form C | 6-240VAC |

## DIMENSIONS Unit: mm

WJ184-2Pole Plug terminal




## Quality policy:

Today's quality is our future market;
Vendors'satisfaction is our pursuing goal.

## Environment policy:

Keeping the system,Abiding by laws;
Innovation in technology,Precaution in pollutions;
Propaganda & education,Continual improvement.