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|  <h1 style="margin: 0;">WANJIA</h1> <p style="margin: 0;">Relays for advanced technology</p> | <p>AUTOMOTIVE POWER RELAYS</p> | <p>WJ174-RELAYS</p> |
|---|------------------------------------|---------------------|



- Small size and light weight.
- 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 | 30A 250VA |
| Max. Switching Power | 850W 7500VA |
| Expected life(min.ope) | |
| Mechanical(at 120 cpm) | 1×10 ⁶ |
| Electrical (at 20 cpm) | 1×10 ⁵ |

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 | | -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 | | •125g |

Coil

| | |
|-------------------------|---------------|
| Nominal operating power | 2.0W to 3.2VA |
|-------------------------|---------------|

TYPICAL APPLICATION

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

ORDERING INFORMATION

| | | | | |
|-------|---|---|-------|-----|
| WJ174 | 3 | C | 12VDC | 74• |
|-------|---|---|-------|-----|

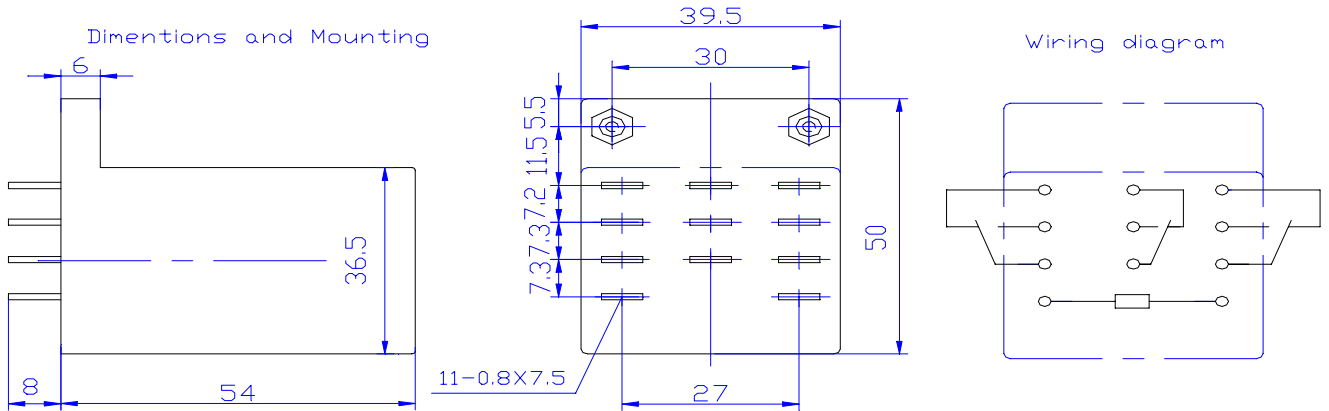
| Type | Number of pole | Contact form | Coilvoltage (DC) | Coil resistance |
|-------|----------------|--------------|------------------|-----------------|
| WJ174 | 3 :3pole | A: 1 form A | 12, 24V | 74, 300: 2.5W |
| | | B: 1 form B | | |
| | | C: 1 form C | 220VAC | 4500 : 3.8VA |

COIL DATA (at 20•)

| Nominal Voltage (VDC) | Coil Resistance (•)±10% | Power Consumption (W) | Pull-in Voltage (VDC) | Drop-out Voltage (VDC) | Max.Allowable Voltage (VDC) |
|-----------------------|-------------------------|-----------------------|-----------------------|------------------------|-----------------------------|
| 12 | 74 | 2 | 75%Max. | 10%Min. | 120% of nominal voltage |
| 24 | 300 | | | | |
| 220VAC | 4500 | 3.2VA | 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.