



Relays for advanced technology

THREE PHASE POWER LATCHING RELAY

WJ306 -RELAYS



- Polarized Latching Relay (Monostable or Bistable)
- High contact load.
- Low power consumption.
- Strong anti-shock.
- Long life and high reliability.
- Conform to Stands IEC255 - IEC60065

SPECIFICATIONS

Contact

Arrangement	3A,3B
Contact Material	Silver alloy
Contact Resistive (By voltage drop 6V 1A)	Max.2mΩ
Rating Nominal switching capacity Resistive load	100A/80A 250VAC
Max. Switching Voltage	250VAC
Max. Switching Power	25000KVA
Expected life(min.ope)	1×10 ⁶
Mechanical (at 120 cpm)	10 ⁴ 3×10 ³
Electrical (at 20 cpm)	80A 100A

Characteristics

Operate Time	Max. 50msec.	
Release Time	Max. 50msec.	
Initial breakdown voltage Between coil contacts Between open & contact	3000VAC (50/60Hz)for 1 min. 2000VAC (50/60Hz)for 1 min.	
Insulation Resistance	Min. 1000MΩ (500 VDC)	
Ambient temperature	-30°C ~ +55°C	
Operating humidity	40 to 90% 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.440g	

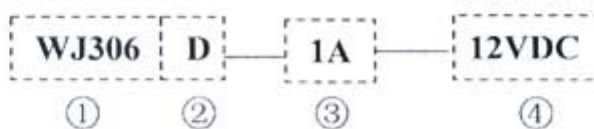
Coil DATE

Coil	Single Coil: 5W
Consumption	Double Coil:10W
Coil Voltage	5 - 48VDC
Coil Resistance	see COIL SPECIFICATION below

COIL SPECIFICATION (at 20°C)

Nominal Voltage (VDC)	Single Coil Resistance (Ω)±10%	Double Coil Resistance (Ω)±10%		Operate Voltage (VDC)	Release Voltage (VDC)	Rectangular pulse width (ms)
		Operate Coil	Release Coil			
5	5	2.5	2.5	70% Max.	70% Max.	Min. 50
6	7.2	3.6	3.6			
9	16.2	8.1	8.1			
12	28.8	14.4	14.4			
24	115.2	57.6	57.6			
48	460.8	230.4	230.4			

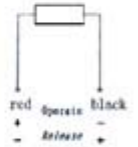
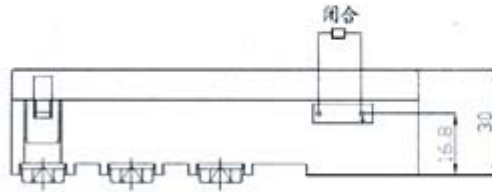
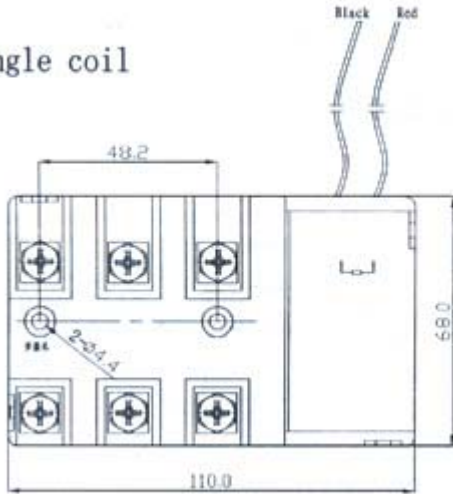
ORDERING INFORMATION



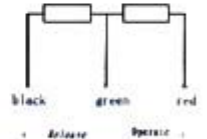
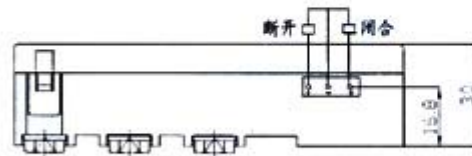
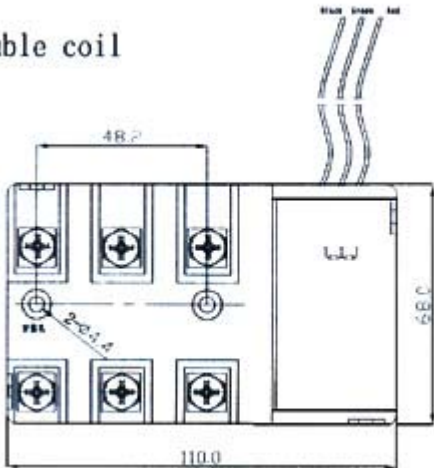
① Type	② Number of coil	③ Contact form	④ Coil voltage (DC)
WJ306	Nil: Single Coil	A: form A	Coil: 5, 6, 9,
	D: double Coil	B: form B	12, 18, 24, 48V

DIMENSIONS Unit:mm

Single coil



Double coil



Quality policy:

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

Environmental policy:

Keeping the system safe, Abiding by laws;
Innovation in technology, Prevention of pollution;
Advertising & education, Continuous improvement.

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