



WANJIA

Relays for advanced technology

POWER RELAY

WJ171-RELAYS



- Small size and light weight.
- Low coil power consumption.
- High contact load.
- Strong anti-shock high reliability.

SPECIFICATIONS

Contact

Arrangement	2-3A,2-3B,2-3C	
Contact Material	Silver alloy	
Contact Resistance (By voltage drop 6V 1A)	Max.50mΩ	
Rating		
Nominal switching capacity	12A	250VAC
Resistive load	12A	28VDC
Max. Switching Voltage	28VDC/250VAC	
Max. Switching Current	10A	
Max. Switching Power	3000VA/336W	
Max. Switching life (min.ope)		
Mechanical(at 120 cpm)	1×10 ⁷	
Electrical (at 20 cpm)	1×10 ⁵	

Characteristics

Operate Time	Max.20msec.	
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. 100MΩ (500 VDC)	
Ambient temperature	-40°C ~ +70°C	
Operating humidity	40 to 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. 90g	

COIL DATA

Coil Consumption	sensitive: 2.5VA/1.5W
Coil Voltage(1pole)	6 - 110VDC
Coil Voltage(2pole)	6 - 240VAC
Coil Resistance	see COIL SPECIFICATION below

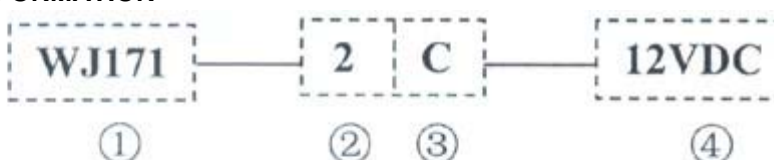
UL/C-UL Rating

Resistive load (cosφ=1)	2-3A,2-3B,2-3C	
	12A	250VAC
Inductive load (cosφ=0.75 - 0.8)	12A	28VDC

COIL SPECIFICATION (at 20°C)

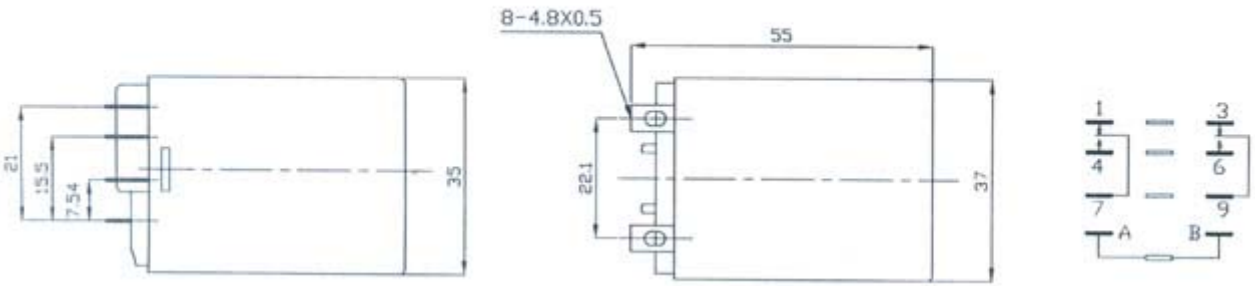
Type	Nominal Voltage (VDC) (VAC)	Coil Resistance (Ω)	Nominal operating power (W)	Pick-up Voltage	Drop-out Voltage	Max.Allowable Voltage
AC	6	6	abt. 2.5VA (50 - 60Hz)	75% Max.	30% Min.	120%
	12	18.5				
	24	73.5				
	110	1550				
	120	1600				
	220	6200				
DC	6	24	abt.1.5W	75% Max.	10% Min.	120%
	12	96				
	24	384				
	48	1536				
	110	8060				

ORDERING INFORMATION

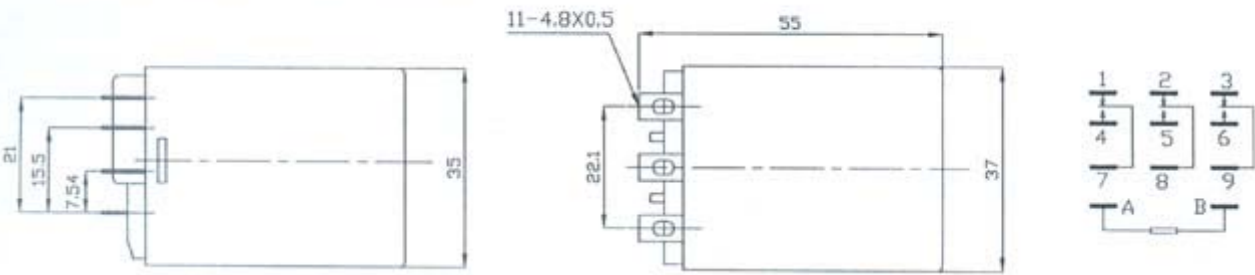


Type	Number of pole	Contact form	Coilvoltage
WJ171	2 : 2pole	A: Form A B: Form B	Coil: 6-110VDC
	3 : 3pole	C: Form C	6-240VAC

WJ171-2Pole Plug terminal



WJ171-3Pole Plug terminal



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.



350 Milford Point Rd, Milford, CT 06460 P: 203-878-0400 F: 203-878-0458

www.jaxxeninc.com

info@jaxxeninc.com