WANJIA Relays for advanced technology	MINIATURE POWER LATCHING RELAY	**WJ301 -Series**

- High contact load.
- Low power consumption.
- Long life and high reliability
- Conform to Stands IEC255 - IEC60065
- Varies Shunts or braid wires can be welded by us

SPECIFICATIONS

Contact

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

Characteristics

Operate Time		Max. 30msec.
Release Time		Max. 30msec.
Initial breakdown voltage Between coil contacts Between open & contact		4000VAC (50/60Hz) for 1 min. 1500VAC (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.70g

Coil DATE

Coil Consumption	Single Coil: 2.3W Double Coil: 4.5W
Coil Voltage	5 - 48VDC
Coil Resistance	see COIL SPECIFICATION below

ORDERING INFORMATION:SEE BELOW

COIL SPECIFICATION (at 20°C)

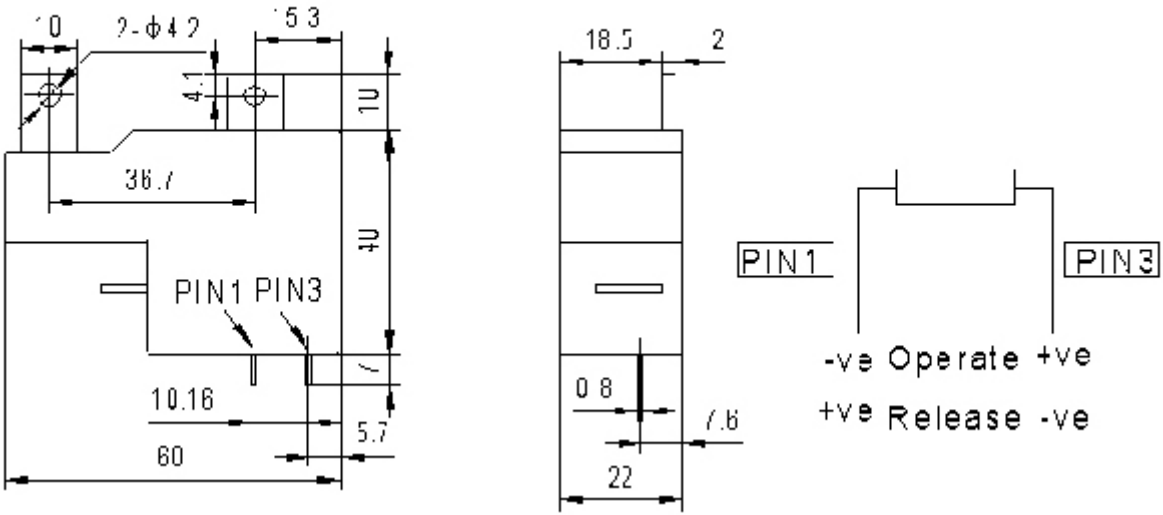
Nominal Voltage (VDC)	Single Coil Resistance (Ω)±10%	Double Coil Resistance (Ω)±10%		Operate Voltage (VDC)	Release Voltage (VDC)	Rectangular pulse width (ms)
		Operate Coil	Release Coil			
5	11	5.5	5.5	70% Max.	70% Max.	Min. 30
6	15.2	7.5	7.5			
9	35.2	18	18			
12	63	31.5	31.5			
24	250.4	125	125			
48	1002	500	500			

① Type	② Number of coil	③ Contact form	④ Coil voltage (DC)
WJ301	Nil: Single Coil	A: form A	Coil: 5, 6, 9,
	D: double Coil	B: form B	12, 18, 24, 48V

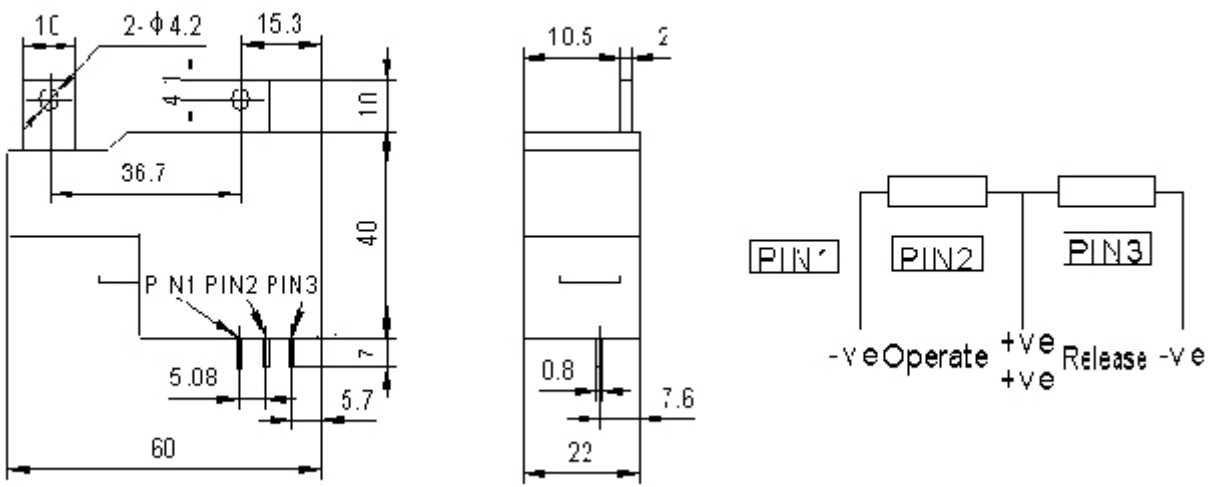
JAXXEN incorporate JAXXEN incorporated 243 Naugatuck Ave.Milford, CT 06460 P.203-878-0400 F.203-878-0458
350 Milford Point Rd. Milford, CT 06460 P.203-878-0400 F.203-878-0458
jaxxeninc.com www.jaxxeninc.com info@jaxxeninc.com info@jaxxeninc.com

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.

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xxeninc.com
www.jaxxeninc.com
info@jaxxeninc.com
info@jaxxeninc.com