

WJ301 -Series



- ✓ High contact load.
- ✓ Low power consumption.
- ✓ Long life and high reliability
- ✓ Conform to Stands IEC255J-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.2m Ω
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 \times 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. 1000M Ω (500 VDC)
Ambient temperature	-30 ^\circ C \sim +55 ^\circ C
Operating humidity	40 to 90% RH
Shock	Functional Destruction
Resistance	Min. 10G Min. 100G
Vibration	Functional Destruction
Resistance	10 to 55 Hz at double Amplitude of 1.5mm 10 to 55 Hz at double Amplitude of 1.5mm
Unit weight	Approx.70g

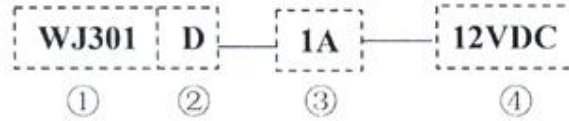
Coil DATA

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

COIL SPECIFICATION(at20 ^\circ C)

Nominal Voltage (VDC)	Single Coil Resistance (Ω) \pm 10%	Double Coil Resistance (Ω) \pm 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			

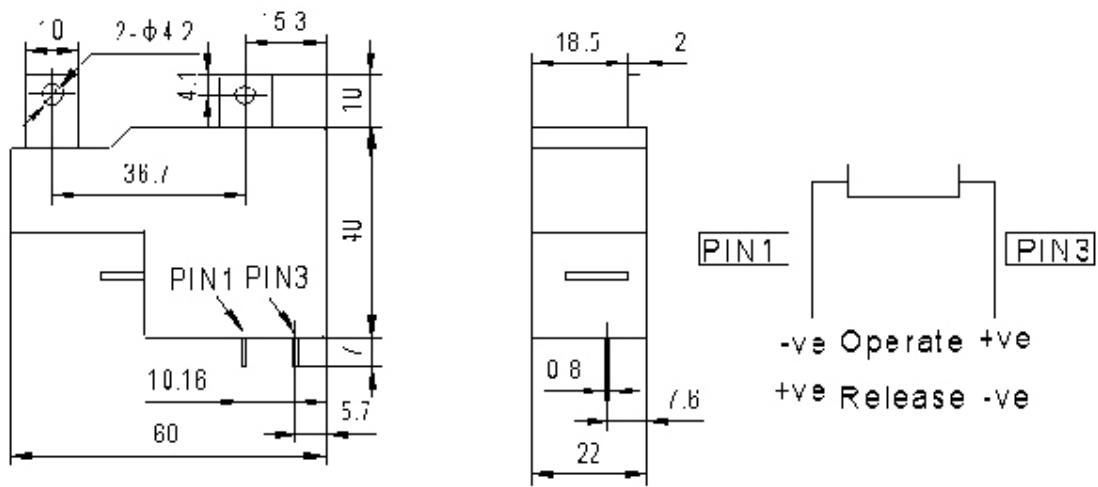
ORDERING INFORMATION



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

DIMENSIONS Unit:mm

Single Coil



Double Coil

