



- Low coil power consumption.
- High contact load.
- Strong anti-shock high reliability.

**SPECIFICATIONS**
**Contact**

Arrangement	1A,1B,1C
Contact Material	Silver alloy
Contact Resistance (By voltage drop 6V 1A)	Max. 50mΩ
Rating	
Nominal switching capacity	80A 250VAC
Resistive load	80A 25VDC
Max. Switching Voltage	28VDC/250VAC
Max. Switching Current	80A
Max. Switching Power	20000VA/2240W
Expected life (min. ope)	
Mechanical (at 120 cpm)	1×10 <sup>6</sup>
Electrical (at 20 cpm)	2×10 <sup>4</sup>

**Characteristics**

Operate Time	Max.20msec.	
Release Time	Max. 15msec.	
Initial breakdown voltage Between coil & contact Between open contacts	2500VAC (50/60Hz)for 1 min. 1500VAC (50/60Hz)for 1 min.	
Insulation Resistance	Min. 1000MΩ (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.240g	

**COIL DATE**

Coil Consumption	sensitive:6VA/3.6W
Coil Voltage (1pole)	6 - 110VDC
Coil Voltage (2pole)	6 - 240VAC
Coil Resistance	see COIL SPECIFICATION below

**UL/C-UL Rating**

Resistive load (cosφ=1)		
Inductive load (cosφ=0.75 - 0.8)		

**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	12	5	abt. 6VA (50 - 60Hz)	75% Max.	30% Min.	120%
	24	19.5				
	36	43				
	48	77				
	110	410				
	220	1600				
DC	6	10	abt.3.6W	75% Max.	10% Min.	120%
	12	40				
	24	160				
	36	360				
	48	640				
	110	3360				

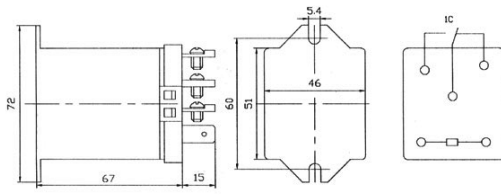
**ORDERING INFORMATION**


① Type	② Number of pole	③ Contact form	④ Coilvoltage
WJ182	1 : 1pole	A: Form A	Coil: 6-110VDC
		B: Form B	
		C: Form C	6-240VAC

**DIMENSIONS Unit: mm**

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**WJ182-1Pole Flange case and plug-in terminal**



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**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.