



- 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.20mΩ	
Rating Resistive load	50A 250VAC	40A 250VAC
Max. Switching Power	1120W 10000VA	
Expected life (min.ope) Mechanical(at 120 cpm) Electrical (at 20 cpm)	1×10^6 1×10^4	

Characteristics

Operate Time	Max.15msec.	
Release Time	Max.15msec.	
Operating humidity	40to 85% RH	
Initial breakdown voltage Between coil & contact Between open contacts	2000VAC (50/60Hz)for 1 min. 2500VAC (50/60Hz)for 1 min.	
Insulation Resistance	Min. 1000MΩ (500 VDC)	
Ambient temperature	-40℃~+55℃	
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	≤180g	

Coil

Nominal operating power	2.7W to 5.0VA
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TYPICAL APPLICATION

- 1.Industrial machine
- 2.Electrical equipment
- 3.Air conditioner and household applications

ORDERING INFORMATION

WJ178 - 1 C - 12VDC 54

① ② ③ ④ ⑤

①Type	②Number of pole	③Contact form	④Coilvoltage (DC)	⑤Coil resistance
WJ178		A: 1 form A B: 1 form B	12, 24V	54, > 214 : 2.7W
		350 Milford Point Rd. Milford, CT 06460 www.jaxxeninc.com	P.203-878-0400 F.203-878-0458 220VAC	info@jaxxeninc.com 2200 : 4.2VA

COIL DATA (at 20⁰C)

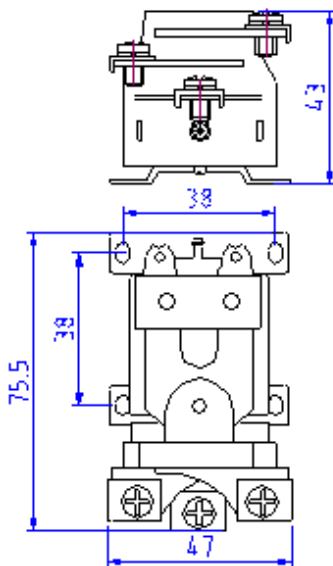
Nominal Voltage (VDC)	Coil Resistance (Ω) \pm 10%	Power Consumption (W)	Pull-in Voltage (VDC)	Drop-out Voltage (VDC)	Max.Allowable Voltage (VDC)
12	54	2.7	75%Max.	10%Min.	120% of nominal Voltage
24	214				
220VAC	2200	5.0VA	80%Max.	30%Min.	

DIMENSIONS

Unit: mm



Dimensions and Mounting



Wiring diagram

