

# JQX-40 WJ-179



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

## SPECIFICATIONS

### Contact

Arrangement	2A, 2B, 2C:
Contact Material	Silver alloy
Contact Resistance (By voltage drop 6V 1A)	Max.20mΩ
Rating	
Resistive load	40A 250VAC
Max. Switching Power	10000VA
Expected life(min.ope)	
Mechanical(at 120 cpm)	1×10 <sup>6</sup>
Electrical (at 20 cpm)	1×10 <sup>4</sup>

### Characteristics

Operate Time	Max.20msec.	
Release Time	Max.20msec.	
Operating humidity	40to 85% RH	
Initial breakdown voltage		
Between coil & contact	1500VAC (50/60Hz)for 1 min.	
Between open contacts	2500VAC (50/60Hz)for 1 min.	
Insulation Resistance	Min. 1000MΩ (500 VDC)	
Ambient temperature	-40°C~+55°C	
Shock	Functional	
Resistance	Functional	Min.10G
	Destruction	Min. 100G
Vibration	Functional	10 to 55 Hz at double Amplitude of 1.5mm
Resistance	Destruction	10 to 55 Hz at double Amplitude of 1.5mm
	Unit weight	≤180g

### Coil

Nominal operating power	3.5W to 6.5VA
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## TYPICAL APPLICATION

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

## ORDERING INFORMATION

WJ179 - 2 C - 12VDC 42  
 ① ② ③ ④ □

①Type	②Number of pole	③Contact form	④Coil voltage (DC)	□Coil resistance
WJ179	2:2pole	A: 1 form A	6, 12, 24V	10.5, 42,170 : 3.5W
		B: 1 form B C: 1 form C	220VAC	1600 : 6.5VA

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## COIL DATA (at 20°C)

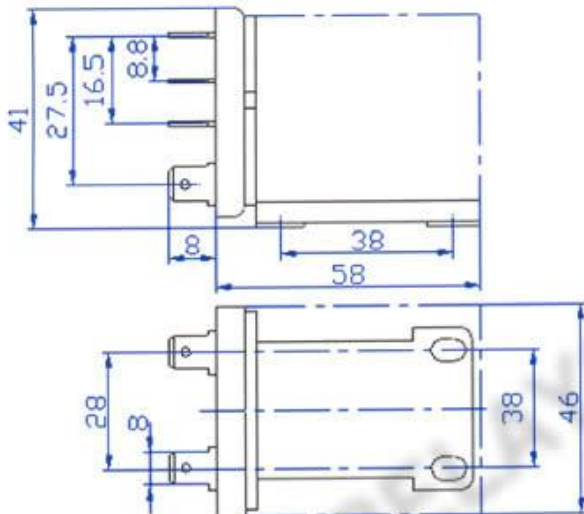
Nominal Voltage (VDC)	Coil Resistance ( $\Omega$ ) $\pm$ 10%	Power Consumption (W)	Pull-in Voltage (VDC)	Drop-out Voltage (VDC)	Max.Allowable Voltage (VDC)
6	10.5	3.5	75%Max.	10%Min.	120% of nominal Voltage
12	42				
24	170				
220VAC	1600	6.5VA	80%Max.	30%Min.	

## DIMENSIONS

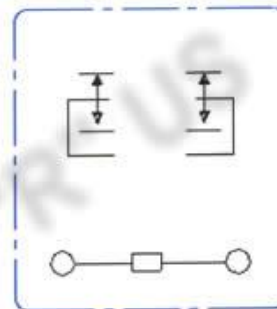
Unit: mm



Dimensions and Mounting



Wiring diagram



Note: The relative changes for the specification will not be advised in the future.