JQX-59 Relays

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

SPECIFICATIONS

Contact

Arrangement	1C、1A、1B	
Contact Material	Silver alloy	
Contact Resistance (By voltage drop 6V 1A)	Max.20mΩ	
Rating Resistive load	80A 250VAC	
Max. Switching Power	2200W	20000VA
Expected life(min.ope) Mechanical(at 120 cpm) Electrical (at 20 cpm)	1×10^6 2×10^4	

Characteristics

Operate Time		Max.15msec.
Release Time		Max.15msec.
Operating humidity		40to 90% RH
Initial breakdown voltage Between coil & contact Between open contacts		1500VAC (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		≤240g

Coil

Nominal operating power	3.6W to 6.0VA

TYPICAL APPLICATION

1.Industrial machine

2.Electrical equipment

3.Houseold applications

ORDERING INFORMATION

WJ182 - 1 C - 12VDC 40Ω

① ② ③ ④ □

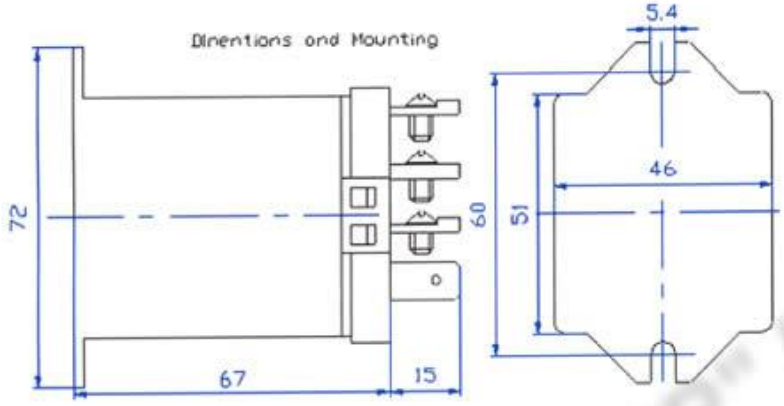
①Type	②Number of pole	③Contact form	④Coil voltage (DC)	□Coil resistance
WJ182	1:1pole	A: 1 form A B: 1 form B C: 1 form C	12, 24V 220VAC	40, 160 : 3.6W 1600 : 6.0VA

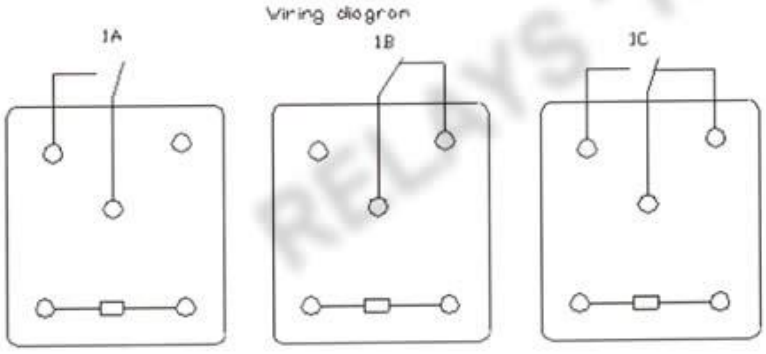
COIL DATA (at 20^0C)

Nominal Voltage (VDC)	Coil Resistance (Ω)±10%	Power Consumption (W)	Pull-in Voltage (VDC)	Drop-out Voltage (VDC)	Max.Allowable Voltage (VDC)
12	40	3.6	75%Max.	10%Min.	120% of nominal Voltage
24	160				
220VAC	1600	6.0VA	80%Max.	30%Min.	

DIMENSIONS

Unit: mm





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