

Motor Control & Protection

JKW7C Automatic Reactive Power Compensation Controller



General

This automatic reactive power compensation controller. It is suitable for automatic regulation of capacitor compensation device in low voltage distribution system (hereinafter referred to as controller). It makes the power factor reach the user's predetermined state, improves the utilization efficiency of the power transformer, reduces the line loss, and improves the voltage value of the power supply, so as to improve the economic and social benefits.

Operating conditions

1. The altitude is not higher than 2500 meters.
2. Ambient temperature - 25 °C ~ + 50 °C.
3. The air humidity is not more than 50% at 40 °C and 90% at 20 °C.
4. There is no corrosive gas, conductive dust and flammable and explosive media in the surrounding environment.
5. There is no violent vibration at the installation site.

Type designation

JKW7C - 12 220

Product name		
JKW7C	-	12 220
Product name	12Control circuit	220:220V380:380V

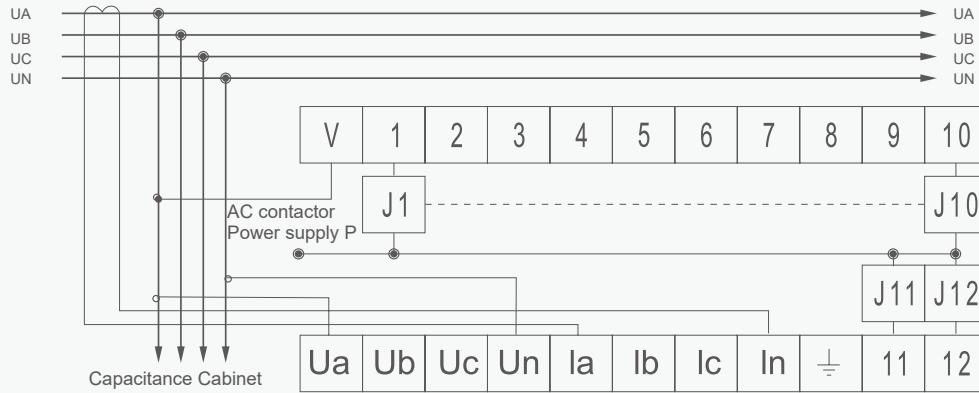
Technical data

1. Rated working voltage: AC 220V 45-65Hz
2. Rated working current: AC 0-5A 45-65Hz
3. Output contact capacity: AC 220V 5A
4. Display power factor lag: 0.001 - lead 0.001
5. Measurement of reactive power: 0-9999kvar
6. Sensitivity: 50mA
7. Protection class enclosure: IP40

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Wiring diagram



Ub, Uc Voltage signal input

Ia, In Current signal input

V Control Output Sub-Common

If the contactor is 380V, the P-point connects to B or C phase.

If the contactor is 220V, the P-point connects to N-phase