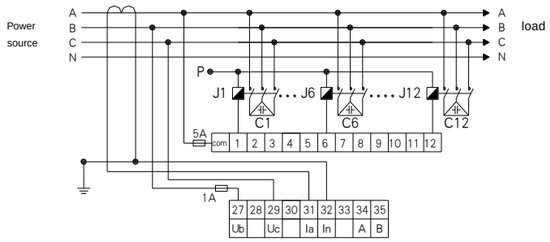
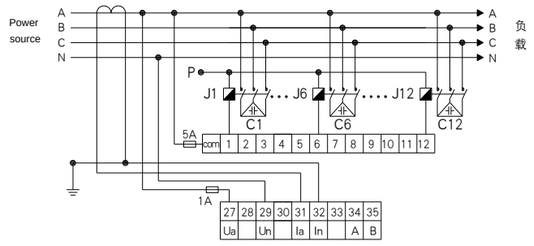
Outline and mounting dimensions

Wiring diagram

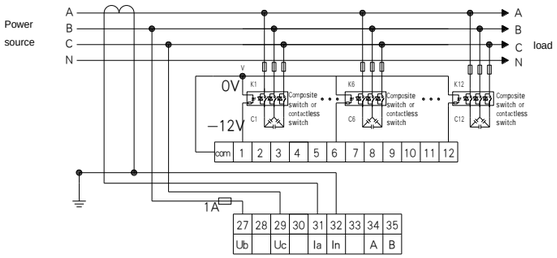
- JKL5CV



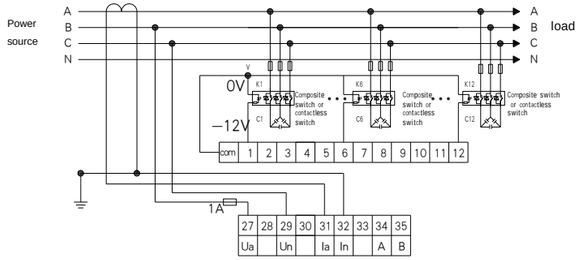
- JKL2CV



- JKL5CV—DC



- JKL2CV—DC



Application scenario

It is mainly applicable to the automatic adjustment of capacitor compensation device in low-voltage distribution system, so that the power fa
supply.


workshop


Tenement


Mall


School


Electricity


Industrial park

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DELIXI
ELECTRIC

Protect the safety of electricity, create the beauty of life

JKL5CV/JKL2CV
Intelligent automatic reactive power compensation controller

JKL5CV/JKL2CV Intelligent Automatic Reactive Power Compensation Controller

Product function

- Optional output of up to 12 control loops, each set of capacitors can be set separately.
- Supports two switching modes: coded switching and cyclic switching.
- The calculation of the switching capacitance based on the fundamental reactive power can avoid any kind of switching oscillation, and can be accurate in the case of harmonics Display power factor.
- Real-time display of fundamental power factor, voltage distortion and current distortion.
- It has the function of overvoltage and undervoltage protection, voltage harmonic overstandard protection and power failure data loss prevention.
- Current signal input impedance ≤0.01 ohms.
- Communication function is optional.
- All kinds of control parameters can be adjusted digitally, there are two real automatic and manual operation modes, human-machine interface friendly, easy to operate, high appearance level, DE home style unity.
- Choice of DC output products for shock-free "flexible compensation"

Technical parameter

Rated operating voltage	AC 380V(JKLSCV) or AC 220V(JKL2CV)
Rated working current	AC 0~5A
Rated operating frequency	45Hz~65Hz
Display power factor	Lag 0.001~ lead 0.001
Measure reactive power	0 to 9999kvar
Measure the active power	0~9999kW
Measure apparent power	0~9999kVA
Undervoltage protection value	AC 300V or AC 170V
Output contact capacity	AC220V 5A Resistance (conventional type), AC380V 3A resistance (conventional type); —12V/8mA (DC type)

sensitivity	50mA
Display the power consumption of the whole machine	10VA
	4 digit red digital tube 122mm × 122mm
External dimension	112mm × 112mm
Opening size	Insert mounting reverse gear attachment fixed terminal screw
Delivery method	fixed
Connection mode	Shell IP30, operating panel IP40
Class of protection	

Selection guide

Product model	Operating voltage	Specification	Output signal	Functional opti
☐	☐	☐	☐	☐
JKL2CV JKL5CV	M:220V Q:380V	4:4 loop 6:6 loop 8:8 loop 10:10 loop 12:12 loop	DC: 12V DC Default: normal	SZ:RS485 S:Normal

Note:
JKL2CV only corresponds to 220V. JKL5CV corresponds to 380V only
The DC model corresponds to 220V/380V with only 4 loops, 8 loops, and 12 loops respectively
Selection examples:
If you need an intelligent reactive power automatic compensation controller with 380V voltage, 6-loop specifications and RS485 communication function, the product model is JKL5CVQ6SZ

Material number

Material number	Material description
JKL2CVM4SZ	JKL2CV 220V 4 loop with RS485
JKL2CVM6SZ	JKL2CV 220V 6 loop with RS485
JKL2CVM8SZ	JKL2CV 220V 8 loop with RS485
JKL2CVM10SZ	JKL2CV 220V 10 loop with RS485
JKL2CVM12SZ	JKL2CV 220V 12 loop with RS485
JKL5CVQ4SZ	JKL5CV 380V 4 loop with RS485
JKL5CVQ6SZ	JKL5CV 380V 6 loop with RS485
JKL5CVQ8SZ	JKL5CV 380V 8 loop with RS485
JKL5CVQ10SZ	JKL5CV 380V 10 loop with RS485
JKL5CVQ12SZ	JKL5CV 380V 12 loop with RS485
JKL2CVM4S	JKL2CV 220V 4 loop
JKL2CVM6S	JKL2CV 220V 6 loop
JKL2CVM8S	JKL2CV 220V 8 loop

Material number	Material description
JKL2CVM10S	JKL2CV 220V 10 loop
JKL2CVM12S	JKL2CV 220V 12 loop
JKL5CVQ4S	JKL5CV 380V 4 loop
JKL5CVQ6S	JKL5CV 380V 6 loop
JKL5CVQ8S	JKL5CV 380V 8 loop
JKL5CVQ10S	JKL5CV 380V 10 loop
JKL5CVQ12S	JKL5CV 380V 12 loop
JKL2CVM4DCSZ	KL2CV 220V 4—loop DC 12V with RS485
JKL2CVM8DCSZ	JKL2CV 220V 8—loop DC 12V with RS485
JKL2CVM12DCSZ	JKL2CV 220V 12—loop DC 12V with RS485
JKL5CVQ4DCSZ	JKL5CV 380V 4—loop DC 12V with RS485
JKL5CVQ8DCSZ	JKL5CV 380V 8—loop DC 12V with RS485
JKL5CVQ12DCSZ	JKL5CV 380V 12 loop DC 12V with RS485

Outline and mounting dimensions