

JKF2C intelligent automatic reactive power compensation controller



Selection Guide

Product Name	Voltage Specification	Output signal	function	
JKF2C	N	12	DC	Z
	↓	↓	↓	↓
	N:3×230V(Three-phase compensation)	12loop	DC: 直流12V 缺省:常规型	Z: 通讯型 缺省:常规型

Ordering prompt:

If the customer needs JKF2C intelligent reactive power automatic compensation controller, the voltage is 3×230V, the specification is 12 loops, the output DC 12V, with communication function, the corresponding order code is: JKF2CN12DCZ

Product characteristics

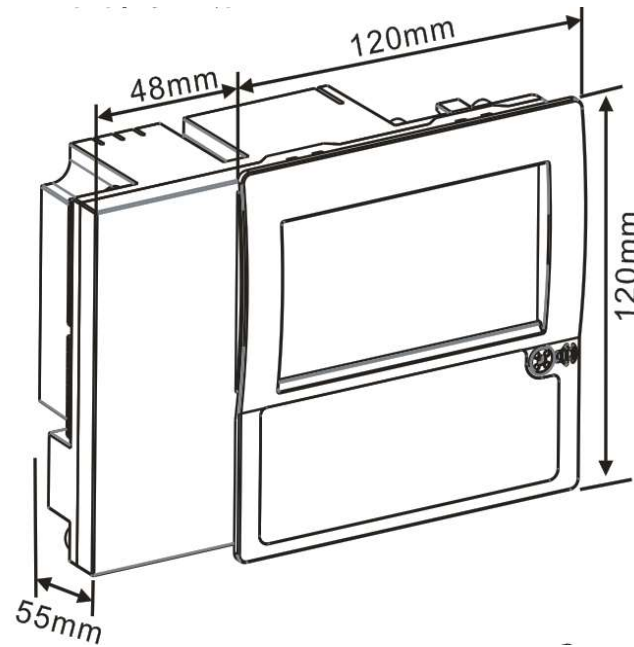
- Interface LCD display, beautiful and generous, rich content.
- A variety of compensation methods: full co-compensation, full compensation, mixed compensation (co-compensation + compensation).
- With phase automatic recognition function, easy to fool the user connection.
- It has the function of identifying the same end of the current, which is convenient for the user to convert the connection.
- With output code arbitrary encoding, compatible with various capacity configurations.
- Four operation output modes (cycle switching, coding switching, first switching, optimal switching)
- With temperature control node, can easily adjust the ambient temperature of the compensation cabinet.
- With alarm node, it can facilitate user temperature control, remote monitoring, fault protection, etc.
- Strong anti-interference ability, with voltage distortion protection function.
- Built-in buzzer alarm function, alarm events are optional, convenient for on-site use to detect anomalies.
- With password protection, control parameter changes need to enter a password, to prevent others from misoperation.

- With N-line monitoring function, when the three-phase voltage imbalance is abnormal, it can exit the working state and alarm.
- DC products with output signal short circuit alarm function, to avoid user wrong wiring caused by product burn.
- Communication product RS485 interface, can be arbitrarily connected, does not distinguish A, B, convenient for users and the host computer fool connection.
- Communication products, CDSK-Z intelligent composite switch can be controlled through communication line (RJ11-4P), simplifying the difficulty of wiring.

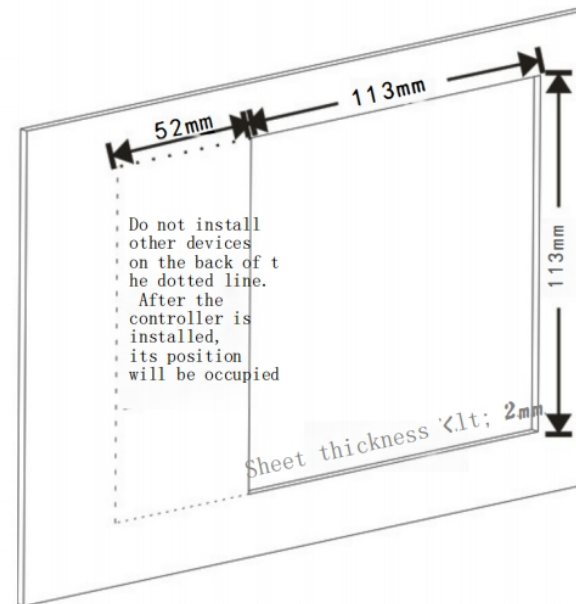
Technical parameter

Executive standard	JB/T 9663
Rated voltage	$3 \times 230V (\pm 15\%)$
Rated frequency	50Hz / 60Hz
Rated current	$\leq 5A$
sensitivity	$\leq 20mA$
Compensation mode	Co-compensate/sub-compensate/mixed compensate
Power consumption < 5VA	
Maximum response time	0.02s (DC type) Max 1s (regular type)
Output capacity	-12V/8mA (DC type) 220V/5A (conventional type)
Output loop	12 loops
Opening size	113×113 (mm)
Weight	< 0.6kg

Dimensions and mounting dimensions (mm)

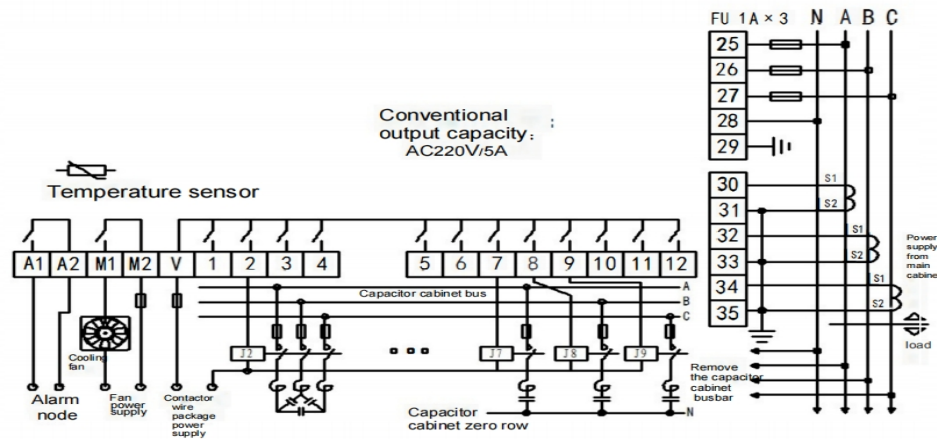


Dimensions

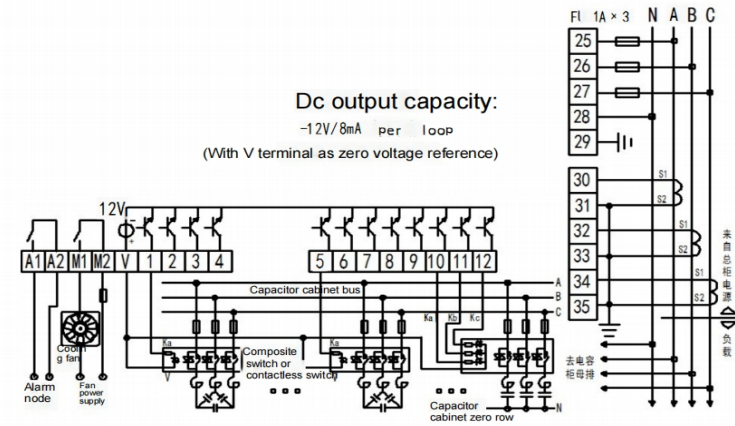


Installation dimensions

Wiring diagram



JKF2C-12 Connection diagram



JKF2C-12-DC(-Z) connection diagram