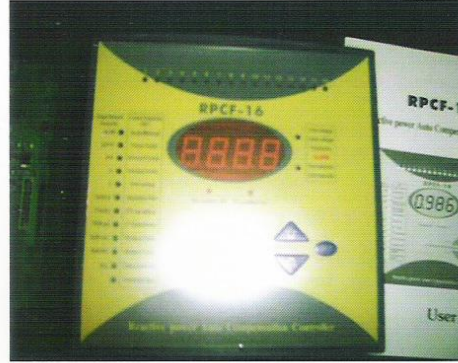
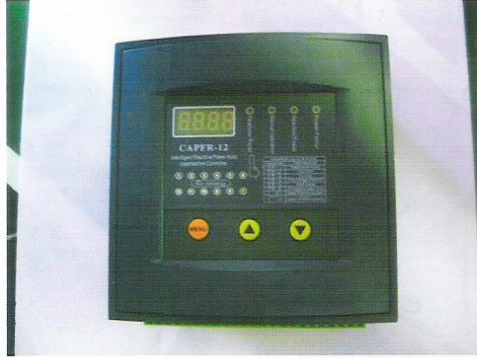


JKW系列 无功功率自动补偿控制器 REACTIVE POWER AUTOMATIC COMPENSATING CONTROLLER



■ 主要用途与适用范围 the main purpose and scope of application

JKL 系列智能型低压无功补偿控制器（简称控制器）是低压配电系统补偿无功功率的专用设备，依据中华人民共和国行业标准 JB/T9663-1999 及电力行标 DL/T597-1996 设计。其取样物理量为无功功率，具有设计新颖、功能多、控制性能好、可靠性高等优点。在国内同类产品招聘那个处于领先地位，为配电自动化提供了一种全新的设备。

JKWseries intelligent low-voltage reactive power compensation controller(the controller)is a low-voltage distribution system,reactive power compensation power of special equipment,according to industry standards JB/T9663-1999People's Republic of China and Standard Power DL/T5 Design 97-1996.Physical sampling for its reactive power,with the design,function,and control performance,and Reliability advantages of similar products in the domestic leader for the distribution automation provides a new Equipment.

■ 功能特点 Features

- | | |
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| <ol style="list-style-type: none"> 1. 采用交流采样技术; 2. 使用基波功率因数和基波无功功率为控制物理量，控制精度高，无投切震荡，对谐波不敏感； 3. 控制参数全数字操作，使用方便，一步到位，停电数据不丢失； 4. 采用自动寻优的控制方案，减少投切次数，提高系统的使用寿命； 5. 抗干扰能力强，能抵御从电源直接输入的 2000V 干扰脉冲，不死机不丢失数据，运行稳定可靠； 6. 数码显示电网功率因数，无功功率，电压，电流（一次侧），控制参数； 7. 具有手动运行和自动运行两种工作方式，方便用户的安装调试； 8. 具有过电压、欠电压判断显示并快速切除电容器组的功能，防止电容器组在过电压条件下运行； 9. 具有可选的投切震荡闭锁功能（用户订货时需注明）； 10. 具有可选的单组电容器从切除时刻到投入时刻延时 200 秒的功能，使电容器组切除后有充分的放电时间， | <p>减少电容器再次投入时对电网的冲击（用户订货时需注明）；</p> <ol style="list-style-type: none"> 11. 电流取样信号的输入电阻小于 0.05 欧，可直接从计量回路中取出； 12. 具有功率因数和无功功率两种补偿模式； 13. 使用说明书提供了大量的使用故障排除方法，方便安装调试； |
|---|---|

- from the power of the 2000V pulse interference, non-crash data is not lost, stable and reliable operation;
6. digital display grid power factor, reactive power, voltage, current (primary side), the control parameters;
 7. with manual operation and automatic operation of the two methods of work, user-friendly installation and debugging;
 8. with over-voltage, under-voltage and fast removal of judge shows that the function of capacitor bank to prevent the capacitor group had voltage under the conditions of operation;
 9. with optional locking shock switching function (users specify when ordering);
 10. with optional single capacitor to the input from the removal of time 200 seconds time delay function, so that all capacitors in addition to the full discharge after time, again to reduce the input capacitor impact on the grid (the user need to specify when ordering);
 11. the current mother sample signal input resistance is less than 0.05 in Europe, can be directly removed from the measurement circuit.
 12. with the power factor and reactive power compensation in two models;
 13. using the manual to provide a great deal of troubleshooting methods used to facilitate the installation and debugging.

■ 主要技术参数 Main technical parameters

1. 基本参数

额定电压: AC 380V/AC 220V \pm 10%
 额定电流: AC 0~5A
 额定频率: 50Hz \pm 5%

2. 控制参数

灵敏度: 100mA
 目标 COS ϕ 预置: 0.70~1.00; 步长 0.01; 出厂预置 0.95;
 投切延时: 1~250s;
 过压延时: 380~500/230~260V; 步长 1V; 回差 6V;
 欠压保护: 340V/180V; 回差 6V;
 CT 变化: 50/5A~4000/5A; 步长 1
 电容容量: 0~125Kvar 每支路出厂预置 5Kvar;
 触点容量: 每支路 380V*5A/220V*7A;

3. 测量精度

电压: \pm 1.0%; 电流: \pm 1.0%;
 功率因数: \pm 1.0%; 无功功率: \pm 2.0%;

4. 控制参数可调范围及出厂整定值

1. the basic parameters

Rated voltage: AC 380V/AC 220V \pm 10%
 Rated current: AC 0~5A
 Rated Frequency: 50Hz \pm 5%

2. control parameters

Sensitivity: 100mA
 0.70-COS ϕ preset target 1.00; step 0.01; factory preset 0.95;
 Switching delay: 1~250s
 Rolling off at : 380~500/230~260V; step 1V; backlash 6V;
 Under-voltage protection: 340V/180V; backlash 6V;
 CT changes: 50/5A~4000/5A; step 1;

Capacitance Road: 0~125Kvar each factory preset 5Kvar;
 Contact capacity : each way 380V*5A/220V*7A;

3. measurement accuracy

Voltage: \pm 1.0%; current: \pm 1.0%;
 Power factor: \pm 1.0%; reactive power: \pm 2.0%;

4. adjustable range of control parameters and the factory setting

参数代号 Parameter Code	含义 Meaning	整定值 Setting	可调范围
PA-1	COS 预置 COS Preferences	滞后 0.95 0.95 lag	滞后 0.8~1.00
PA-2	延时预置 Preset time delay	20s	1~250s
PA-3	过压预置 Preset overvoltage	430V	230~260V/380~500V
PA-4	回路预置 Loop preset	4~12	1~12 回路
PA-5	信号同名端 Single end of the same name	OFF	自动识别 ON-OFF
PA-4 注: 在无功率控制模式下	CT 变化预置 Than the pre-CT Change	实际配置 The actual configuration	50~4000
C-01	第 1 回路电容器预置 No1 preset circuit capacitors	实际配置 The actual configuration	0~150Kvar
C-02	第 2 回路电容器预置 Article 12 preset capacitor circuit	实际配置 The actual configuration	0~150Kvar

■ 主要规格 Main Specifications

产品规格 Product Specifications	开孔尺寸 Opening size	额定电压 Rate voltage	信号频率 Signal frequency	控制组数 The control group	显示器 Display	装机重量 Weight capacity
JKW5C	113 x 113	AC380V/220	50/60Hz	1~12	发光数码 LED digital	0.9kg
JKW5B	162 x 102	AC380/220	50/60Hz	1~12	发光数码 LED digital	0.9kg
JKW1B	140 x 102	AC380V	50/60Hz	1~12	发光数码 LED digital	0.9kg
JKW2C	113 x 113	AC220V	50/60Hz	1~12	发光数码 LED digital	0.9kg
JKW58	138 x 138	AC380V	50/60Hz	1~12	发光数码 LED digital	0.8kg

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