

JKW(3C) 配电监测终端

JKW(3C) Distribution Monitoring Terminal



概述 General description

JKW (3C) 系列配电检测终端 (以下简称终端), 以高性能的 16 位微处理器为核心器件同时取 3 相电压 3 相电流信号, 最多提供 16 个控制回路。具有无功补偿和电力监测功能, 使用 MODBUS-RTU 与 DL/T 645-2007 双协议 (方便与集中器建立通讯联系)。每台终端提供全分补、全共补、共补加分补 3 种补偿方案, 同时提供 12 种电容器组投切方法 (输出编码), 用户可通过修改控制参数进行选择, 共补输出回路与分补输出回路数可任意调节。同时拥有许多非常实用的特殊功能, 方便用户的安装与调试。在面板板布局上更加人性化, 操作更加简单实用。控制参数一经修改永久保存, 掉电不丢失。可远程完成电容器组的投切、控制参数的修改、电力参数和电容器组投切状态的监视等功能, 并可远程采集历史数据记录, 以报表形式展现。采用基波功率因数和基波无功功率复合控制电容器组的投切, 投切稳定无投切震荡, 对电压谐波电流谐波干扰不敏感, 人机界面友好, 外观美观大方。适用于交流 45Hz-65Hz、0.4KV 以下电力系统无功功率补偿的自动控制及电力监测。

JKW (3C) series distribution detection terminal (hereinafter referred to as the terminal), to high-performance 16-bit microprocessor core devices at the same time to take a three-phase voltage three-phase current signals, providing up to 16 control loops. With a reactive power compensation and power monitoring capabilities, using MODBUS-RTU and DL / T 645-2007 dual protocol (easy to establish communication links with the concentrator). Each terminal offers a full complement points, all total complement, total additional points up three kinds of compensation packages while providing 12 kinds of capacitors cast method (output code), the user can choose to control by modifying parameters, total complement of the output circuit and points complement output circuit number can be adjusted. Also has a number of very useful special features, ease of installation and commissioning of the user. More humane in the panel board layout, the operation is more simple and practical. Control parameters a revised permanent preservation, non-volatile. Can be done remotely switching capacitor banks, control modify parameters, electrical parameters and capacitor bank switching functions such as status monitoring, and remote collection of historical data records to show the form of a report. Using the fundamental power factor and fundamental reactive power complex control switching capacitor banks, switching without switching shock stability, voltage harmonic current harmonic interference insensitive friendly interface and elegant appearance. For AC 45Hz-65Hz, 0.4KV following power system reactive power compensation of automatic control and power monitoring.

功能特点 Function and features

- 强大硬件平台支持, 16 位微处理器系统
 - 经济实惠型配电监测终端产品
 - 与集中器进行无缝连接 (可免费提供技术支持)
 - 数码管 + 彩色 LED (使用不同颜色自动调配区分共补, 分补 ABC 三相)
 - 输出端子四种组合方案 (GGAABBCC、AABBCCGG、GGABCABC、ABCABC GG)
 - 30 分钟存储实时数据, 日冻结数据、事件数据分析, 存储容量可达两年
 - 通讯协议 (MODBUS-RTU, DL/T 645-2007), 免费配套上位机软件
 - 缺相、电压相序错、电流相位错、过零序电压、过畸变率、温度超标、容量损耗等报警指示
- Powerful hardware platform support, 16-bit microprocessor system
 - Economical power distribution monitoring terminal products
 - Seamless connection with the concentrator (available free technical support)
 - Digital Tube+ color digital LED (using different colors to distinguish the automatic deployment of total complement, divided up ABC three-phase)
 - Four combinations of output terminal program (GGAABBCC, AABBCCGG, GGABCABC, ABCABC GG)
 - 30 minutes, the store real-time data, daily freeze data, event data analysis, storage capacity of up to two years
 - Communication protocol (MODBUS-RTU, DL / T 645-2007), a free PC software package
 - Phase, wrong phase sequence voltage, current, phase error, zero-sequence voltage, over-distortion temperature exceeded, an alarm indication capacity loss, etc.

产品选型 Product Selection

型号 Model	功能选项表 Options table							
	电压相序保护 Phase sequence voltage protection	电流相位保护 Current phase protection	零序电压保护 Zero-sequence voltage protection	谐波保护 Harmonic protection	温度保护 Temperature Protection	通讯 Communi- cations	输出 Export	回路 Loop
JKW(3C)M-12	●	●	●	●	●	●	节点 Node	12
JKW(3C)M-16	●	●	●	●	●	●	节点 Node	16
JKW(3C)S-12	●	●	●	●	●	●	有源 Active	12
JKW(3C)S-16	●	●	●	●	●	●	有源 Active	16

外形尺寸 Overall dimension

