

柱上开关配电自动化终端英文版FTU中文版FTU可驱动永磁机构断路器/或弹簧操作机构断路器

产品名称	柱上开关配电自动化终端英文版FTU中文版FTU可驱动永磁机构断路器/或弹簧操作机构断路器
公司名称	广州国能自动控制技术有限公司
价格	.00/件
规格参数	FTU安装:柱上安装式/落地箱式 型号:英文版FTU(可OEM贴牌) 可选驱动模块:可驱动永磁机构断路器
公司地址	山东省烟台市莱州市沙河镇傅王家村118号(注册地址)
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产品详情

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FTU安装方式 柱上安装式/落地箱式

AFTU-66型无线配电自动化终端

可选配永磁开关驱动,

可选配光纤通讯接口,及IEC 61850通讯规约

可增加掌上PDA 无线测控,安全控制

可使用12V小电压驱动,在FTU完全失电时,使用汽车电源作为后备电源

1 功能与特点

1.1 产品概述

AFTU-66型无线配电自动化终端是我公司为了满足电力系统配电自动化的实际需要而开发的一种远方终端

设备，通过GPRS/CDMA/3GTDCDMA无线

网络上传给监控中心，同时把该信息转发给管理人员的手机。

该装置能完成完整的重合器功能，具有定时限保护，反时限保护以及线路的监控。

该装置采用先进的硬软件平台、最完备的数学模型和算法，与一次开关设备紧密配合，装置具有配置方便、技术先进、精度高、性能可靠、适用于户外等特点。

1.2 功能特点

通信功能，通过GPRS/CDMA/3GTDCDMA等通讯模块，完成远方数据采集和遥控操作

可以通过维护口进行当地或者远方维护与调试。

就近遥控分合闸，可带或不带隔离刀闸，具有软件和硬件双重闭锁逻辑

与电压型或电流型分段器配合，可以完成故障识别、故障隔离和负荷转移

三段式复合保护：合闸涌流控制功能、过流保护功能、速断保护功能

控制器实现“四遥”功能，遥控、遥测、遥信、遥调，通过通讯远方整定

延时时间连续可调，实际跳闸时间误差小于2ms

隔离复合开关的电动分、合控制

采用先进的数字微处理器，纯数字式控制，方便系统的升级换代

支持远程维护和当地维护功能。维护功能主要包括设置参数、设备调试、软件下载升级等

设备可靠性，全户外标准设计，采用国际上先进的抗干扰技术和junpin级的电子元器件，装置在静电防护、雷电防护和人为失误防护上均达到或超过国家规定标准。装置壳体采用不锈钢材料，具有防水、防凝露、防霉菌的功能，做到了真正满足户外运行条件

1.1 与开关的接线

装置工作电源可以用交流电压220V或充电电流互感器供电，开关跳闸后，由后备电源直接给装置供电。

开关向装置提供开关本体位置状态、储能状态、隔离刀闸位置等信号。一般的，这些信号以辅助空接点的形式提供。控制开关跳合闸动作额定电流一般为1A/5A，动作脉冲宽度一般为50~200mS。也可以配接永磁机构开关。

装置向外部提供三个航空插头，均配有编号

注意：控制输出回路不能直接接至开关线圈，应该将开关的辅助节点串联到回路中间，详细方法请参见开关的使用说明书。

AFTU-66 wireless distribution automation terminal OEM/ODM

Optional permanent magnet switch driver, Optional optical fiber communication interface and communication protocol, IEC 61850 Can increase the handheld PDA wireless control, safety control You can use the 12V low voltage drive, complete loss of power in the FTU, the use of automotive power as backup power supply

1 functions and features
1.1 Product Overview
AFTU-66 wireless distribution automation terminal is a remote terminal and the development of our company in order to meet the actual needs of power system distribution automation equipment, through the GPRS/CDMA/3GTD CDMA wireless network is uploaded to the monitoring center, at the same time, the information is forwarded to the management of mobile phone. The device can complete the recloser function complete, has the time limit protection, inverse time protection and line monitoring. The device adopts the mathematical model and algorithm of the hardware and software platform, the most advanced and complete, closely cooperate with a switching device, device has the advantages of convenient configuration, advanced technology, high precision, reliable performance, suitable for outdoor etc..

1.2 features
The communication function, through the GPRS/CDMA/3GTD CDMA communication module, complete the remote data collection and remote operation Can be local or remote maintenance and maintenance and debugging through. The nearest remote control switch, with or without isolation switch, with both software and hardware logic- with the voltage or current type sectionalizer, can complete fault identification, fault isolation and load transfer
Three - type compound protection: switching inrush current control function, over-current protection, overcurrent protection function
To achieve the "four remote" function - controller, remote control, telemetry, remote, remote adjustment, remote communication by setting
The adjustable delay time, the actual trip time error is less than 2ms
Electric, control - isolation of composite switch
Adopt the advanced digital microprocessor, pure digital control, convenient system upgrade
The local support of remote maintenance and maintenance function. The maintenance function mainly includes parameter setting, equipment debugging, software download and upgrade
The reliability of equipment, outdoor design standards, using international advanced anti-jamming technology and military grade electronic components, devices in ESD protection, lightning protection and human error protection have reached or exceeded the national standard. The casing is made of stainless steel material, waterproof, damp proof, mildew proof function, can truly meet the outdoor running conditions

wiring and switch
Device working power by AC voltage 220V or charging current transformer power supply, switch trip, the backup power supply directly to the power supply device. Provide the switch body position, energy storage state, switch position signal to the switch device. In general, these signals are provided in the form of auxiliary contact. The control switch tripping action rated current is 1A/5A, the action of pulse width is 50~200mS. Can also be connected with the permanent magnetic switch.
Device to an external three aviation plug, equipped with No. Note: the output control loop can not be directly connected to the switch coil, auxiliary switch node should be connected in series to the intermediate circuit, please refer to the detailed method of manual switch.