

JOYO-A1 Sequence Control with One Click System for the Substation



SUMMARY

The system consists of a one click sequence control host computer, disconnect switch double confirmation devices, ground wire status acquisition devices, P&C equipment status acquisition devices, control circuit jumpers, and remote control air circuit-breakers, etc. With the full view of the equipment status, the system is capable of performing switching sequence control, with a single click of a mouse, of both the primary and P&C equipment in the station. It thus meets the switching error prevention double verification and switches status double confirmation high-reliability requirements. It provides more secure and reliable technical support for the implementation of one-key sequence control.

ADVANTAGE



Sequence control with one click operation

Through the preset sequence control order and operation rules, the whole process is realized by clicking one button, and the system automatically executes a series of instructions to realize the automatic transformation of the operation state of the electrical equipment in the substation.



Double confirmation

By means of attitude sensor, magnetic induction sensor, micro switch, video intelligent analysis and other technical means, the switch position from different part is collected, and the operation result of the switch is judged together with the remote signal of the auxiliary contact of the switch position, so as to meet the requirement of double confirmation of the switch position.



Full state perception

It can realize the comprehensive monitoring of the primary and P&C equipment status, including the ground wire, P&C strap, P&C air circuit-breaker, providing more comprehensive status information for the sequence control by clicking one button operation, and making the operation safer.



Full remote control of equipment

The system can realize the sequence remote control operation of primary equipment and related P&C equipment by pressing one button. Through the remote control strap and remote control air circuit-breaker to solve the control problem of the P&C equipment.