

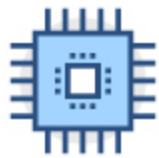
# UT-F500Z Intelligent Substation Computer-based Electric Switching Error Prevention System



## SUMMARY

This product uses the Internet of Things (IoT), deep learning, natural semantic analysis, intelligent recognition, dynamic topology, mobile APP and other technologies to achieve the following functions: sequence control switching error, maintenance switching error prevention, protection, and control equipment error prevention, ground wire status acquisition, lock hierarchical partition, directional unlocking, etc., and solves the switching error prevention problems existing in operation, unlocking operation and maintenance operation.

## ADVANTAGE



### Comprehensive

It expands the operation safety control from primary to protection and control equipment, so as to realize the transformation from human control to control using rule based expert system and automation technology.



### Intelligent

It realizes the forced interlocking control of primary equipment, P&C equipment and auxiliary equipment, unifies the lock interface of substation, and realizes the horizontal business partition and vertical authority hierarchical management of the electronic lock.



### Safe

The functions of compulsory power test, directional unlocking and ground wire status acquisition are improved to effectively eliminate the occurrence of misoperation and ensure the safety of personnel and equipment in the switch operation process.



### Efficient

Follow the relevant standards and specifications, adopt the standard communication protocol, standardize the system interface, provide intelligent checking, intelligent switching order making function, improve work efficiency.