

# JOYO-H2 OCS Visual Grounding Operation Management System

## SUMMARY



In the process of OCS maintenance, it is necessary to install temporary ground wire in the operation section to ensure the safety of maintenance personnel. Under the traditional operation mode, the maintenance personnel carry the ground wire and electroscope to the site, check the electricity, hang the ground wire, and remove the ground wire after the maintenance. In the whole process, there are many security risks.

The system has the functions of automatic power test, discharge and grounding, and realizes the central level, station level and local three-level grounding operation and monitoring. In the case of ensuring safety, it can effectively reduce the labor intensity of operators, shorten the operation time and improve the work efficiency.

## FUNCTION

### Various warning

- Light warning
- Switch on / off indication
- SMS reminder

### Grounding operation management

- Three level control management
- Multiple operation modes
- Safety grounding operation control of the whole line based on authority
- Parallel control operation mode

### Operation safety assurance

- Switching error judgment
- Electrical test and grounding interlocking
- Automatic discharge test
- Local operation locking
- Emergency operation
- Maintenance safety and switching error prevention

### Device operation monitoring

- Temperature and humidity control in cabinet
- Fault self diagnosis
- Life cycle management

### Information collection and monitoring

- Remote visualization
- Local observation window monitoring
- Device information collection and monitoring
- Acquisition and monitoring of online switch status

## ADVANTAGE



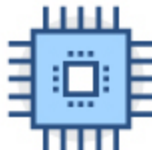
### Visualization of job management

The operation process and the position of grounding switch can be monitored in real time in both remote and local places.



### Comprehensive security

The system device has safe and reliable misoperation prevention interlocking, online diagnosis and other functions in the state of operation, operation and maintenance.



### Automation of operation mode

It has the function of automatic discharge inspection, and supports remote, local automatic control and local manual backup operation.



### Networked process management and control

It can be combined with work order, operation order and transfer order to form a closed-loop network process control system.

## ACHIEVEMENT

- Guangzhou Metro
- Xiamen Metro
- Ningbo Metro
- Nanjing Metro
- Qingdao Metro
- Tianjin Metro
- Changsha Maglev Express
- Zhengzhou Metro

