Technical documents of Control Cabinet

SKU:OT-GACOBOS6

SKU:OT-GACOBOL6

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1 summary

1.1 Product profile:

This distribution box is specially designed for lifting column control system, can provide safe and reliable installation space, the distribution box after scientific design, using the high quality carbon steel plate, high quality accessories, after sheet metal bending, stamping, welding, plastic spraying and other process, make it more beautiful and generous, with higher seismic resistance, sealing and corrosion resistance.

1.2 Product characteristics

- electrical accessories are arranged neatly, strong and weak electric cable separation, wiring standard clean and tidy, circuit supporting number pipe, convenient wiring and maintenance
- electrical accessories are all first-line brands with stable performance and reliable quality
- equipment before the factory aging testing, to ensure stable operation.
- box logo using screen printing process, strong adhesion, can be customized according to customer requirements pattern;
- moisture-proof, shock, fall, deformation, durable and reliable quality;
- material adopts high quality cold rolled steel plate, surface electrostatic powder spraying after pickling phosphate treatment, strong corrosion resistance.
- aluminum alloy hinge, handles and other high quality are used accessories to ensure the safety of the distribution box more stable;
- The box door is equipped with high-quality PU foam sealing strip to ensure the protection level of the box;

1.3 control function

- Traffic / ban: can receive signals such as manual operation, entrance control system, detecting traffic objects and other inputs, control the drive part to drive the lifting column to block the main body down / rise and in place, and meet the following requirements;
- Traffic priority: when the main body of the lifting column block is in the non-traffic state and accepts the traffic instruction, immediately run to the traffic state;
- Group control: according to the actual application situation, the access lane control equipment lifting, with a linkage conversion button, respectively to realize the group and centralized lifting two modes;

- Operation count: the equipment records the number of times it has received the traffic instructions and the number of times it has passed through the vehicle detector ;

- Fire linkage: when the fire linkage signal is input, the lifting column is forced to descend to the traffic state. Before the fire signal is disconnected, the equipment cannot be raised, to meet the relevant requirements of emergency evacuation in fire regulations ;
- Safety protection: equipment with roof function interface, vehicle detection signal (sense, infrared, visual detection signal) for vehicles / pedestrians, in the state of "traffic" lift column should not change, in the "traffic" to "ban" lift column should stop running or automatically return to the "traffic" state ;
- E FO emergency rise: the emergency rise signal has the first priority, above the safety protection function. When the emergency rise is performed, the lifting column will immediately rise to prevent the passage of the vehicle, and the equipment cannot be lowered before the emergency state is lifted;

- Traffic light warning: the equipment has a traffic light warning interface, according to the equipment operating state, operation and results and other output switch signal, can be connected to the red and green warning light equipment, indicating the road traffic status ;

- Network control: it can access the Internet platform through TCP / IP, 4G and other ways to realize remote control ;

2 Main technical parameters

2.1 Main parameters (model number: ES OT-GACOBOS6 / OT-GACOBOL6):

model	*OT-GACOBOS6*	*OT-GACOBOL6*
outline dimension	Indoor Box Group 1:500mm 140mm 600mm (W D H) Indoor Box Group 2:500mm 140mm 600mm (W D H) Indoor Box Group 3:600mm 200mm 700mm (W D H) Outdoor Box Group 1:500mm 170mm 650mm (W D H) Outdoor Box Group 2:500mm 170mm 650mm (W D H) Outdoor Box Group 3:600mm 230mm 750mm (W D H)	
input voltage	AC 220 V/380V±10%,50 Hz±5%	
control	DC24V	DC 12V

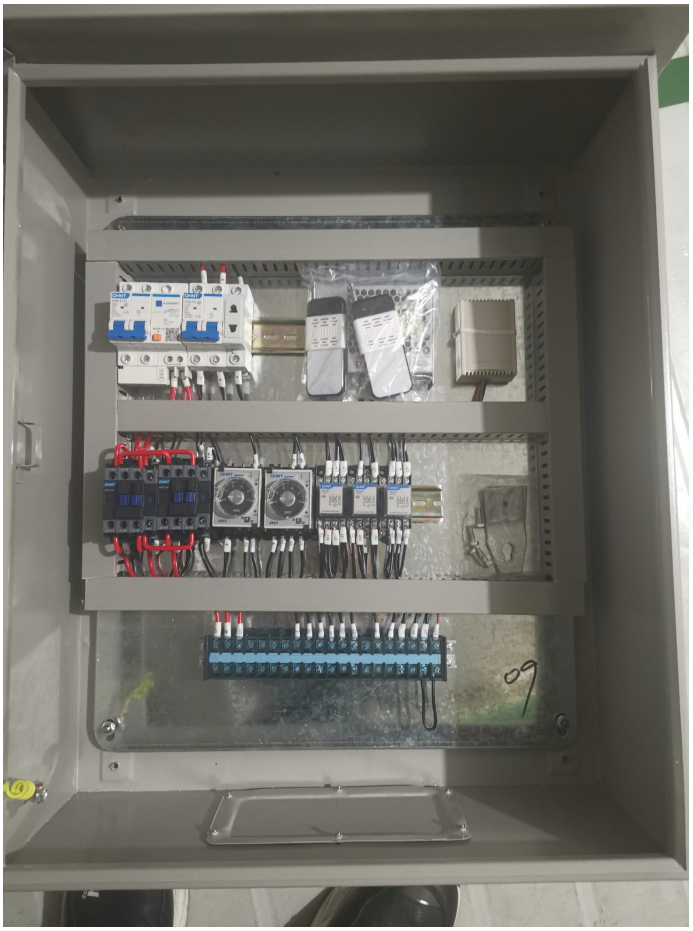
voltage		
domination principle	P LC programmable logic controller	Relay logic control
Group way	1-3 groups (3 groups)	
Drive the number	Six individual groups of mites were included	
control method	Remote control / push-button box / Bluetooth / TCP / IP / 4G	
Interface form	Passive switch quantity / R S232 / 485 / 422, R J45, etc	
Control distance	Remote control: a straight line distance of 50 meters Button box: 50 m	
Button box size	A group of 140mm * 70mm * 65mm (L W H) Two groups of 170mm * 70mm * 65mm (L W H)	
Remote control size	A group of 110mm * 42mm * 15mm (L W H) Two groups of 153mm * 43mm * 20mm (L W H)	
Linkage function	Fire linkage, emergency rise, anti-jacking, traffic light warning, local control, remote control (optional)	
Control interface	A 7-inch industrial touch screen (optional)	
Platform docking	Can access to education, public security, command city and other system platforms	
security guard	Leakage protector	
levels of protection	IP65 (conforming to GB / T4208-2017)	
working	-40°C ~+70°C	

temperature	
Case material	Cold-rolled steel plate: S PCC
surface preparation	Electrostatic powder spraying
net weight	Indoor box group 1:11kg Indoor box group 2:14kg Indoor box group 3:18kg Outdoor box group 1:12.5kg Group 2 of outdoor box: 15.5kg Group 3 of outdoor box: 19.5kg
Battery parameters	Specification and model: MGS12-5-3B DC12V / 5A Overall Dimensions: 118mm 128mm 59mm (W H D)

3 product formation

Appearance diagram of indoor box in group 1 / group 2 groups

Appearance diagram of group 1 / group 2 outdoor boxes



Internal layout diagram of the control system

A set of button boxes

Two sets of button boxes

A set of remote controls

Battery appearance

Two sets of remote control