

The Semtong Security Waist High Turnstile B/O debug statement (1)

1. Before test:

A connection diagram of the Security Waist High Turnstile equipment, an assemble diagrammatic drawing, one set of the Security Waist High Turnstile equipment needing to be debugged.

2. System function descriptions:

To unlock left direction after getting the opening signal; the transit direction indication changes into the green; When the security Waist High Turnstile gates are under the external force to moves forward, the homing optics electricity switch is valid, the transit frequency is one, main board progress lock motion and go through the indication to change into forbid the row mark, the gate stem restore automatically; The equipment can read the cards for many times, but each time only one person is allowed to go through. If the person doesn't go through within the set time, the system will restore automatically.

Setting the right direction is the same as the above method.

Note:

The left direction indicated in the debug statement means that the user is facing the equipment and the card reader is on the left hand side.

And the right direction means the user is facing the equipment and the

card reader is on the right hand side.

3. Motor inspection:

Before the motor is installed, the no-load running current of the motor shall be less than 500 mA. The distance of the start knob in the motor shall not be installed unless it meets the usage requirements.

4. System inspection:

Before the system is electrified, please inspect the equipment and make sure the technical part can run normally.

5. Connection inspection:

Check the connection of the motor according to the wiring diagram; the protection earth of the equipment shall be connected to the earth. Please don't electrify and debug before this!

6, Menu function setting:

See the annex 《 the Security Waist High Turnstile menu setup instruction 》 . Please read carefully!

7. The first debug:

Press the SET key on the control board to enter the menu setting. Select P09 to tune of the direction of the motor. Press the INC key, the revolving direction should move to the left unlock location; Or the motor connection should be exchanged. After exiting the menu, the equipment will check the revolving direction of the motor automatically. It will alarm per 1 second when the revolving direction

is not correct. Please cut off the power to adjust the wire again in this respect.

When the system begins to check the revolution of the motor, two limit switches should be invalid; otherwise it will alarm per 0.5 seconds.

When two limit switch voids, the alarm will release automatically;

Warning:

Please do this debug for the first time to electrify, otherwise it will cause the machine to be blocked or even cause fatal damage to the equipment.

8. Adjust the location of optics board:

When the right and left orientation arm are reliably locked, the red lamp of the unlock optics electricity switch knothole should be on, but the green lamp should be out. Meanwhile, the ZERO lamp on the control board should be on.

Before debug, pleased set display screen as: P00.

Turn the belt pulley by hand, when unlocking the left location, the red lamp of the unlock optics electricity switch knothole should be out, but green lamp should be on. And the ZERO lamp on the control board should be out at the same time. When the GUI- L indicator is on, it shows that is under the unlocking.

Request:

The process of the left unlocking must match with the right

unlocking. After finishing the debug, please set the menu to the normal condition and the screen indicates: RUN.

The method of adjusting the right direction is the same as the left way.

Note: Under the unlock location, the GUI- L indicator and the ZERO indicator can not be on at the same time, otherwise it should be debugged again.

9. The travel switch location tune:

Before debug, please set the screen as: P00.

1) Tuning the right side travel switch: When it is in the left unlock location (the GUI- L indicator is on at this time, the ZERO indicator is out), the right side travel switch should be unconnected; When the orientation arm moves along the left unlocking location and almost comes up against the clamping column, the right side travel switch should be connected;

2) Tune the left side travel switch: When it is in the right unlock location (the GUI- L indicator is on at this time, the ZERO indicator is out), the left side travel switch should be unconnected; When the orientation arm moves along the right unlocking location and almost comes up against the clamping column, the left side travel switch should be connected;

10. The reset optics electricity switch location tune:

It is better to have the right and left rotational angle of the gate stem equally.

11. Related parameter setting:

Please set the operate method of the equipment, the reader that equipment works with and the maximum time of passing, etc. in accordance with 《 the Security Waist High Turnstile menu setup instruction 》 ;

Please proceed with the function test after the above-mentioned operating progress has been completed.

12. The system function test:

(1) Passing through by reading the card on the left once: when reading the card on the left, the turnstile would unlock automatically. And the direction indicator changes to green, waiting for the person to pass through. After the person enter and push the turnstile to move to certain angle, the optics electricity switch is valid and turn the optics electricity switch to start the motor to finish the lock action. The passing indicator changes into the red to forbid the passing, the main board memorizes once at the same time, thus completing the whole passing process once. The maximum time for passing through is 10 seconds. (This parameter can be set by the users. 10 seconds is used for example below). When the maximum time has run out, the equipment will reset automatically.

(2) Passing through by reading the card on the left more than once:

When reading more than one card, more than one person is allowed to pass through. But the maximum time for the individual to pass through shall not exceed 10 seconds. If the time exceeds 10 seconds, the system will clear the times of reading the cards and reset automatically. The process of passing control is the same as the method of Passing by reading the card once.

(3) Passing through by reading the card on the right once: when reading the card on the right, the turnstile would unlock automatically. And the direction indicator changes to green, waiting for the person to pass through. After the person enters and pushes the turnstile to move to a certain angle, the optics electricity switch is valid and turns the optics electricity switch to start the motor to finish the lock action. The passing indicator changes into the red to forbid the passing, the main board memorizes once at the same time, thus completing the whole passing process once. The maximum time for passing through is 10 seconds. (This parameter can be set by the users. 10 seconds is used for example below). When the maximum time has run out, the equipment will reset automatically.

(4) Passing through by reading the card on the right more than once:

When reading more than one card, more than one person is allowed to pass through. But the maximum time for the individual to pass

through shall not exceed 10 seconds. If the time exceeds 10 seconds, the system will clear the times of reading the cards and reset automatically. The process of passing control is the same as the method of Passing by reading the card once.

(5) Stem falling down testing: Cut off the power supply, the electromagnet will drop the electricity, the gate stem falls down; After connecting the power supply, the electromagnet will get the electricity and the stem can be raised by hand: Make an effort to press the stem first, then lift the stem to the horizontal position and lock.

(6) Telecommunication function test: Please set and test according to the software communication function of the position machine.

13. Notes:

Please do not make any peripheral equipment to work with the system without permission so as to insure that the equipment can work safely and reliably.

The additional impact force to the machine shall not exceed 10KG.

The artificial damage does not belong to the warranty range.

The Semtong Security Waist High Turnstile B/O debug statement (2)

I. General description

1. The display screen means that control board display 3 potential LEDses from left to right.
2. And three keys from left to right is the key of INC, SET, DEC, and SET which are used for in and out and the setting function of putting in/out. The INC key is used for adding 1 to the stated parameter progress. The DEC key is used for reducing 1 to the stated parameter progress;

II. Setting entry and exit to the menu

1. To enter the menu: Press the SET key. After hear the buzzer like a sound of “ Du”, release the SET key. If the screen displays "P00", it means it has already entered the setting. You can use INC and DEC to select function number. Press the INC key, the number of function is added 1, press the DEC key, function number is reduced 1. There are 10 kinds of setting functions respectively:

P 00: The function of exiting the menu setup, when P00 appears, press the SET key to exit the menu setting; Use INC key & DEC key to select the parameter;

P 01: To set the operating state of the equipment--- There're 3 operating

states in all:

P01=0: Both in & out directions of the equipment are under control. It requires reading cards.

P01=1: The entering direction on the left is controlled. It requires reading cards.

P01=2: The entering direction on the right is controlled. It requires reading cards.

P02: The locking time of the motor after the equipment turns back to zero.

P03: To set the maximum time for individuals passing the gateway;

P04: To Clear away the value of the counter for left hand side.

P05: To clear away the value of the counter for right hand side.

P06: To recover the default parameter number;

P07: To set the communication address of the equipment

P08: To set whether the controlled pass is with memory.

P09: To check the rotational direction of the motor.

2. To exit the setup menu: Press the INC key or the DEC keys, when P00 appears, press the SET key to exit immediately.

III. The description of the various setting functions

1. To set the operating state: P01

When P01 appears on the display screen, press the SET key to enter and display the current number. Use the INC key and DEC key to progress modification. Press the SET key to exit after the fulfillment.

Default number: 0

2. To set the delay of the motor locking time: P02

When P02 appears on the display screen, press the SET key to enter and display the current number. Use the INC key and DEC key to progress modification. Press the SET key to exit after the fulfillment.

Default number: 10. Unit: MSEL.

3. To set the maximum time of passing the gateway: P03

When P03 appears on the display screen, press the SET key to enter and display the current number. The valid range of the number is 0-60.

Use the INC key and DEC key to progress modification. Press the SET key to exit after the fulfillment; The default number is 10. Unit: second.

4. To Clear away the value of the counter for left hand side: P04

When P04 appears on the display screen, press the SET key to enter and display P-L. Press INC key to confirm and exit. Press SET key to cancel.

5. To Clear away the value of the counter for right hand side: P05

When P05 appears on the display screen, press the SET key to enter and display P-R. Press INC key to confirm and exit. Press SET key to

cancel.

6. To recover the default parameter/ function: P06

When P06 appears on the display screen, press the SET key to enter and display P-2. Press INC key to confirm and exit. Press SET key to cancel.

7. To set the communication address of the equipment; P07

When P07 appears on the display screen, press the SET key to enter and display the current number. Use the INC key and DEC key to progress modification. Press the SET key to exit after the fulfillment.

Default number: 0. Valid range: 0-255

8. To set whether the controlled pass is with memory: P08

When P08 appears on the display screen, press the SET key to enter and display the current number. The valid range is 0-3. Use the INC key and DEC key to progress modification. Press the SET key to exit after the fulfillment. Default value: 0.

= 0: Bi-directional with memory;

= 1: Left directional without memory;

= 2: Right directional without memory;

= 3: Bi-directional without memory.

9. To check the rotational direction of the motor: P09

When P09 appears on the display screen, press the SET key to enter and display ---. Press INC key, the motor shall move towards the

position of unlock on the left and shows RL-. Release and the motor will stop. Press the DEC key, the motor shall move towards the position of unlock on the right and shows RR-. Release and the motor will stop. Press the SET key to exit after the fulfillment.

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