

1.Control System Running Display Code

Display information	
	No travel state, can run in long press mode
	With travel status display
	Upper limit learning status display
	Lower limit learning status display
	Door open display
	Closed door operation display
	Half-open door trigger/global half-open door trigger standby display
	Built-in track infrared learning display in menu 5.0
	Built-in track infrared learning display in menu 5.1
	X5.1/X5.3 ports are triggered
	X5.2/X5.3 ports are triggered
	X2.1/X2.3 ports are triggered
	X2.2/X2.3 ports are triggered
	X2.4/X2.3 ports are triggered
	X3.3/3.4 safety edge conductive strip is triggered
	X3.3/3.4 safe edge DW is triggered by the port
	X3.3/3.4 safe side three-line infrared is triggered
	X3.3/3.4 safety edge DW self-test failure fault
	X5.4/X5.3 ports are triggered

	ST port is triggered
	FC motor: prompt when the motor current is overloaded and stops during door opening, and prompts when the door is overloaded and reversed when closing the door; check the locked-rotor point of the door, or replace a high-power motor or adjust the overload capacity of the motor through FORCE MARGIN AC380V motor: it means that the motor is out of phase
	After the number of maintenance alarms in menu 8.0 is reached, it will be displayed every time
	Maintenance alarm recovery, long press 3 seconds recovery 500 maintenance times clear CA display
	Remote control function lock display
	Remote control function unlock display
	Control box key function lock display
	Control box button function unlock display

2.Control System Fault Codes

Fault display code	Problem Description	solution
	There is no change in position data during operation	The door body is blocked, check the blocked point The running speed of the door body is too slow, adjust the running speed of the door opening and closing Motor limit structure failure, replace the motor
	Encoder chip data failure	Replace the encoder
	Limit and encoder communication failed	There is some interference in the operation site. Eliminate the source of interference on site and execute the control operation again The communication line is broken, replace the communication line

		Encoder failure Control system failure replacement control system accessories
	Limit module not detected	Encoder failure and replacement of encoder accessories Encoder wire connection, replace the 10-core wire The limit system is faulty, replace the control module
	Inverter communication failure/control system failure	The motor control operation is triggered too quickly, and there is some interference on site, press stop to restart the operation. Restart after 1 minute of power failure, or replace the control module
	Inverter parameter writing failure	There is some interference in the operation site. Eliminate the source of interference on the site, re-execute the control operation, or replace the FC drive module
	Inverter parameter reading failure	There is some interference in the operation site. Eliminate the source of interference on the site, re-execute the control operation or replace the FC drive module
	The slack port is triggered	Check the status of the steel wire rope on the door body, and then run it after repairing
	Secure edge port not connected	Without the safety edge device installed, the door operator can only execute the dead man mode, and it must be connected to the safety side device correctly
	<ol style="list-style-type: none"> 1. Appears when the stroke is set, and the motor does not operate, press SET to appear 2. Over-limit coordinates appear during standby operation 3. Appears when the built-in infrared 	According to the operation instructions, after the relevant conditions are met, perform the operation setting

	<p>coordinate setting condition is not at the upper limit, or appears when both are built-in infrared</p> <p>4. When the automatic door is closed this time, the door closing prompt cannot be performed due to related failures or dead man mode DW.</p>	
	Clutch port, or motor temperature is too high	Check whether the clutch device is triggered, check whether the temperature of the motor is too high, AC drive the motor, and check whether the MOT port of the motor is connected to the motor
	Communication failure between the control system and the limit and limit system	Occasional failure of communication interference, re-execute the operation, failure of the connection line between the control system and the limit system, replace the connection line again, or replace the control system
	The stroke setting failed, the distance is too short, or the limit is exceeded	reset itinerary
	Door-in-door port triggers emergency stop	Check the door-in-door switch
	The motor wiring sequence is reversed	Adjust the UVW line sequence of the MOT port
	Emergency stop port 5.1k is triggered	Emergency stop button is pressed

3.FC/AC Drive System Fault Codes

	AC drive failure	<ol style="list-style-type: none"> 1. Check the fault indicator light of the AC drive board and check whether the AC drive fuse is burnt out
	Inverter short circuit protection	<ol style="list-style-type: none"> 1. Check the wiring for short circuits. 2. Properly prolong the acceleration and deceleration time (menu 2.1). 3. Investigate the cause, implement the corresponding countermeasures and reset 4. Seek technical support and replace the drive module
	Frequency converter instantaneous overcurrent frequency converter Frequency converter overload	<ol style="list-style-type: none"> 1. Extend the acceleration and deceleration time. 2. Reasonably set the V/F curve. 3. Set the speed tracking start to be valid or start DC braking. 4. Replace the matching motor or inverter. 6. Check the wiring for short circuits. 3. Replace the inverter with the one that matches the load. 7. Seek technical support to replace the drive module.
	Short to ground	<ol style="list-style-type: none"> 1. Check whether the output cable is broken or whether the motor penetrates the shell. 2. Investigate the cause, implement the corresponding countermeasures, and reset. 3. Seek technical support to replace the drive module.
	Inverter temperature sensor is abnormal	<ol style="list-style-type: none"> 1. Check whether the wiring of the inverter temperature sensor is properly connected. 2. Seek technical support to replace the drive module.
	Inverter over voltage	<ol style="list-style-type: none"> 1. Extend the deceleration time. 2. Check wiring of braking unit and braking resistor 3. Match the appropriate braking unit/braking resistor.

		<ol style="list-style-type: none"> 4. Reduce the power supply voltage to within the specified range. 5. Replace the drive module for the braking function.
	Inverter under voltage	<ol style="list-style-type: none"> 1. Check the input power and wiring. 2. Tighten the input terminal screws. 3. Check the air switch and contactor.
	Inverter input phase loss	<ol style="list-style-type: none"> 1. Check the input power. 2. Check the input power wiring. 3. Check for loose terminals. 4. Add a voltage regulator on the input side
	Inverter output phase loss	<ol style="list-style-type: none"> 1. Check the connection between the inverter and the motor. 2. Check whether the output MOT terminal is loose. 3. Check whether the motor winding is broken.
	Inverter Inverter Overheating	<ol style="list-style-type: none"> 1. The operating environment of the inverter should meet the specifications beg. 2. Improve the ventilation environment and check whether the air duct is blocked stuffed. 3. Power off for 20 minutes and start running again