TroubleShooting checking

Buzzer alarm and indicator light

One of the controllers is equipped with LED lights, and the other is equipped with a buzzer. In the event of an alarm, buzzer or LED

The indicator light will send out the corresponding alarm information.

7.1 Description of LED alarm flashing times:

7.1.1 Slow flash evenly for 1 second: normal

7.1.2 Long off: Throttle action

7.1.3 Steady on: Brake state

7.1.4 Flashing 1~15 times: Alarm

NO	Fault description	Flashing times	
1	Motor Hall Sensor fault	1	The wire between the controller and the motor is not connected properly.
2	Accelerator pedal failure	2	The accelerator did not back to zero, or the accelerator pedal was problem. Pay attention to when restart controller ,The fault will be displayed by default, and the fault will be eliminated when the self-check is passed.
	Current protection restart	3	Abnormal protection alarm
	phase current overcurrent	4	abnormal protection alarm
	Voltage fault	5	The voltage is too low or too high, beyond the allowable range of the controller
	Anti-theft alarm signal	6	Reserved
	Motor over temperature	7	Motor temperature is too low or too high beyond the operating range
	Controller over temperature	8	Controller temperature is too low or too high beyond the operating range
	phase current overflow	9	Abnormal protection alarm
	Phase current zero fault	10	Controller internal alarm
	Phase line short circuit fault	11	Phase line short circuit, or motor failure.
	Line current zero fault	12	Controller internal alarm
	MOSFET upper bridge failure	13	Controller upper bridge damage
	MOSFET lower bridge failure	14	Controller lower bridge damage
	Peak line current protection	15	Abnormal protection alarm

7.2 Description of buzzer alarm sound frequency:

7.2.1 When it is turned on normally, the buzzer will sound once and then stop sounding.

7.2.2 If there is a long beep, please check whether the brake and accelerator are active at the same time.

Using this function, you can check whether the brake and accelerator are normal: press the buzzer at the same time, release either one

No sound.

7.2.3 If there is a sound, judge the fault according to the number of sounds. The fault table is as follows:

No	Fault description	Number of sounds	
1	Motor Hall fault	1	The hall wire between the controller and the motor is not connected properly.
2	Accelerator pedal failure	2	The accelerator did not return to zero, or the accelerator pedal was broken. Pay attention to restart control.The fault will be displayed by default, and the fault will be eliminated when the self-check is passed
3	Current protection restart	3	Abnormal protection alarm
4	phase current overcurrent	4	abnormal protection alarm
5	Voltage fault	5	The voltage is too low or too high, beyond the allowable range of the controller.
6	Anti-theft alarm signal	6	Reserved
7	Motor over temperature	7	Motor temperature is too low or too high beyond the operating range
8	Controller over temperature	8	Controller temperature is too low or too high beyond the operating range
9	phase current overflow	9	Abnormal protection alarm
10	Phase current zero fault	10	Controller internal alarm
11	Phase line short circuit fault	11	Phase line short circuit, or motor failure.
12	Line current zero fault	12	Controller internal alarm
13	MOSFET upper bridge failure	13	Controller upper bridge damage
14	MOSFET lower bridge failure	14	Controller lower bridge damage
15	Peak line current protection	15	Abnormal protection alarm