Shenyang Bluelight New Generation Technology Co., Ltd.
No. 37 Shiji Road, Hunnan New District, Shenyang, China
Shenyang B Techno
Ltd.
No. 37 Shiji Road, Hunna ng,
China

Lift safety protection compo

Safety circuits containing el nts

Safety circuits containin

SJT-ZPC-V2A

ETC21F360002(

After type test, it is confirmed requirements of TSG T7007-2022 GB/T 7588.1-2020 GB/T 7588.2-2020 EN 81-20:2014 EN 81-20:2020 EN

Applicable product model(s) of e

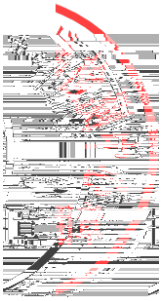
See appendix for applicable p e certificate.

Product function	Control of levelling and re-levelling with doors open UCMP detection subsystem		
Model of product	SJT-ZPC-V2A	Type of product	Printed circuit board
Operating voltage	DC24V	Pollution degree	/
Environmental working conditions	Ambient temperature -20~65		
Response time (Applicable to the situation azu			



(Continued)

Serial number	Manufacturer	Model	Response time test
9	NBDZ	NDS-83-N0	2ms
10	ELEDER ELECTRIC	HDPN-1	1ms
11	Changchun shenghao electronic co.,ltd	SH-GS3A4	2ms
12	Fuqi Technology (Suzhou) Co., Ltd	FX-PS1030M	1ms
13	BEERKE	BRK-DS3E4	1ms
14	Guangzhou Yongri Elevator Co.,Ltd	GX-GD-003	1ms
15	Foshan Shihe Electromechanical Co. Ltd.	E3S-GS30-A	1ms
16	Carlo gavazzi	PF74CNT30B03376	1ms
17	Changchun WETON opoelectronic Co., Ltd.	SGD31-GG-TZ2B2P	1ms
18	Changchun WETON opoelectronic Co., Ltd.	SGD31-GG-TZ2B2F	1ms
19	Changchun WETON opoelectronic Co., Ltd.	SGD31-GG-TZ2B2G	1ms
20	CEDES AG	GLS126NT	1ms
21	CEDES AG	GLS126NT.NC	1ms



Notes

When the parameter range and configuration listed in the appendix are changed, the type test shall be conducted again.

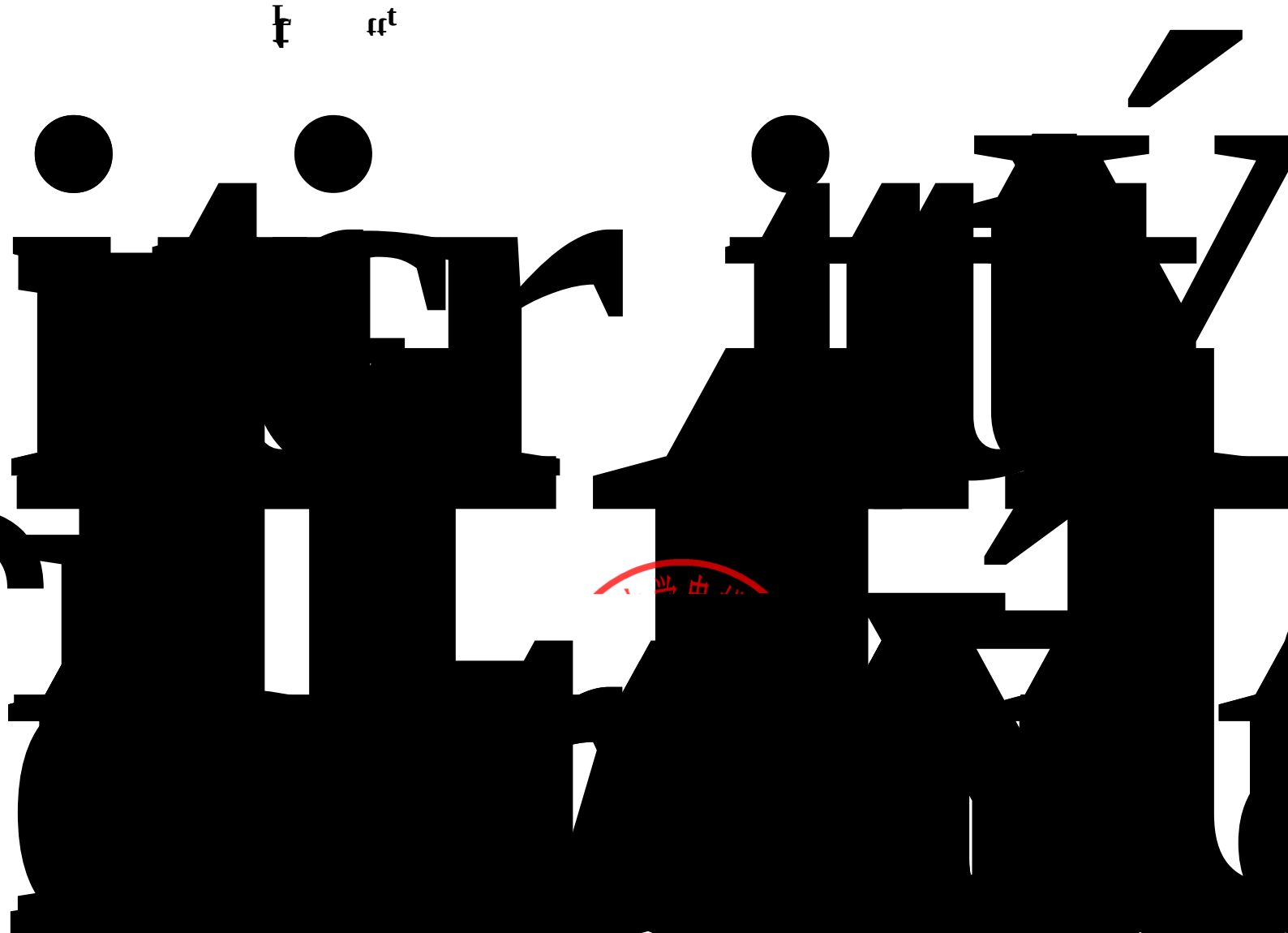
1	Type test report No.	ETC21F360002	ETC21F360002(1)	2021-04-19

Report No. ETC23F360YZ008

Special Equipment

Type Test Report

(Lift)



NOTICES

1 The report is the result of the type test according to the T 007-2022 *Regulation for Type Test of Lifts*.

2 The report shall be print computer an valid wi modif n.

3 The report will be invali out the signa f approv ifier a er .It will also be invalid without the approva icate the cr ge offici p of t test entity.

4 Type test report is only valid for the sample.

5 It is forbidden to copy the report partly without the permission of the type test organ. The partly copied report will be invalid.

6 Any dissents to the report must be put forward to

Type Test Report

Category of equipment	Lift safety protection component	Type of equipment	Safety circuits containing electronic components
Name of product	Safety circuits containing electronic components	Model of product	SJT-ZPC-V2A
Serial number of product	230207	Date of manufacture	2023-02-10
Applicable product model(s)		/	
Applicant	Shenyang Bluelight New Generation Technology Co., Ltd.		
Registered address of applicant	No. 37 Shiji Road, Hunnan New District, Shenyang, China		
Unified social credit code	91210112MA0YDH0R63		
Manufacturer	Shenyang Bluelight New Generation Technology Co., Ltd.		
Registered address of manufacturer	No. 37 Shiji Road, Hunnan New District, Shenyang, China		
Unified social credit code	91210112MA0YDH0R63		
Manufacturing address	No.99 ChuangXin 1ST Road, Hunnan New District, Shenyang, China		
Location of test	Dongchuan		

1. Technical parameters and configuration of sample

Product function	Control of levelling and re-levelling with doors open UCMP detection subsystem		
Model of product	SJT-ZPC-V2A	Type of product	Printed circuit board
Operating voltage	DC24V	Pollution degree	/
Environmental working conditions	Ambient temperature -20~65		
Response time (Applicable to the situation as a detection subsystem of unintended car movement protection (UCMP) means) (See Note 1)	≤ 81ms (Door zone sensor: ≤ 3ms, printed circuit board: ≤ 10ms, brake contactor: ≤ 68ms)		

Note 1:
The configuration of the detection subsystem of UCMP means may include door zone sensor, door zone relay, printed circuit board, brake contactor and other possible components.
The response time of the detection subsystem is the sum of the design value of the response time of the printed circuit board and the maximum response time of other configured components provided by the applicant.
In actual use, the applicant can freely choose the configuration of the detection subsystem according to the specific situation, and the final total response time cannot be greater than the response time provided by this certificate.

2. Check for technical documents of the sample

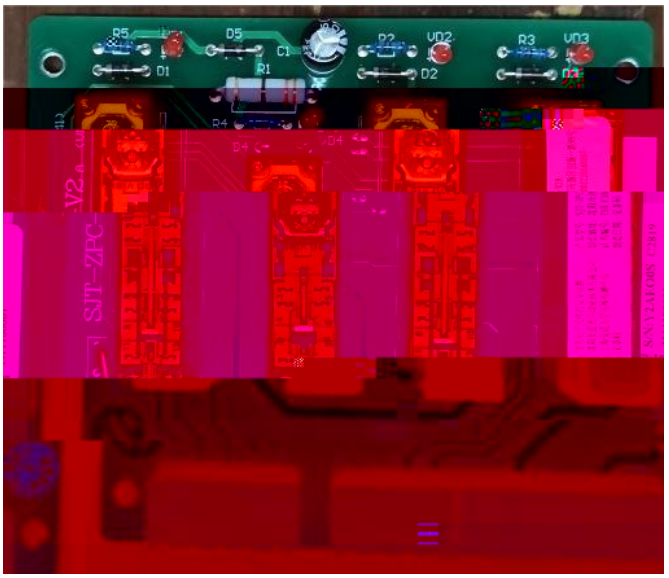
No.	Items No.	Check items	Check results	Conclusion
1	R5.1.1	Conformity certificate documents and instruction	Comply with requirements	Pass
2	R5.1.2	Technical documents for main construction parameter	Comply with requirements	Pass
3	R5.1.3.1	Relative technical documents of safety circuits	Comply with requirements	Pass
4	--	Requirements for using in special environment	N/A	N/A
5	--	Other necessary documents	N/A	N/A
6	--	Applicable products and the relative technical documents	N/A	N/A

3. Check and test of the sample

No.	Items No.	Check and test items	Check and test results	Conclusion
1	R6.2	Check for the function of safety circuit	Comply with requirements	Pass
2	R6.4	Temperature tests	N/A	N/A
3	R6.4	Vibration tests	Comply with requirements	Pass
4	R6.4	Bumping tests	Comply with requirements	Pass
5	R6.4	Crash test	Comply with requirements	Pass
6	R6.6	Nameplate	Comply with requirements	Pass
7	--	Validation of fault analysis	Comply with requirements	Pass

Annex

1. Photo of the sample



2. Photo of the vibration tests



3. Other information

(1) This type test is the verification of conformance with the performance of sample in the first test and the parameters and configuration in the Type Test Certificate according to the TSG T7007-2022 . Only parts of items in the Part 3 ‘Check and test of the sample’ were checked or tested.

(2) This English report is a translated version of the Chinese report and is issued on the same date as the Chinese report.

4. Revise(s) of the type test report

None.