



中国认可
国际互认
检测
TESTING
CNAS L1061



Type Test Certificate for Special Equipment (Lifts)

Certificate Number: TSX F36002220170131

Applicant: ShenYang Bluelight Automatic Technology Co., Ltd.
Registered address of applicant: No. 37 Shiji Road, Hunnan New District, Shenyang, China
Manufacturer: ShenYang Bluelight Automatic Technology Co., Ltd.
Manufacturing address: No.99 ChuangXin 1ST Road, Hunnan New District, Shenyang, China
Classification: Safety device
Varieties: Safety circuits containing electronic components
Product name: Safety circuits containing electronic components
Product model: MU_V61
Type test report number: ETC17F360131、ETC19F360YZ039

This product meets the requirements of Regulation for Type Test of Lifts (TSG-T7007-2016), GB 7588-2003 + XG1-2015, EN 81-20:2014, EN 81-50:2014.

Product models covered by this certificate: MU_V61

For product parameters and configuration covered by this certificate, see the table attached.

(Stamp)

Date of issue: 2017-11-03
Date of renewal: 2019-10-23
Expiry date: Before 2021-11-03



Shanghai Jiao Tong University Elevator Test Center

- Note:**
1. The applicant is responsible for confirming that the products comply with the regulation and related standard specifications and are in accordance with the sample for type test.
 2. The certificate is valid before the expiry date.
 3. Period of validity of the certificate is always calculated from the date of issue even if the certificate is modified per request.

Attached table

No.TSX F36002220170131

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Product Parameters and Configurations Table

Function description	Connections to different points of the electric safety chain		
Product model	MU_V61	Type of structure	Printed circuit board
Working voltage	DC5V DC24V	Pollution level	/
Working conditions	Ambient temperature: 0~65℃		

Annex instructions:

1. When the parameters listed in the table change, the new type test should be carried out.
2. If the modifications or changes occurred in the design and manufacture of products, the applicant ought to inform the original type test agency in writing, and provide the necessary technical documents. The original type test agency will confirm the effectiveness of type test report and test certificate, subsequently.



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No : ETC19F360YZ039

Special Equipment Type Tests Report (Lifts)

Classification : Safety device

Varieties : Safety circuits containing electronic components

Product Name : Safety circuits containing electronic components

Product Model : MU_V61

Manufacturer : ShenYang Bluelight Automatic Technology Co., Ltd.

Applicant : ShenYang Bluelight Automatic Technology Co., Ltd.

Category of test : The first time of Consistency checking

Test Date : 2019-10-21

Shanghai Jiao Tong University
Elevator Test Center





SJTUETC

Type Tests Report

No.ETC19F360YZ039

Page 1 of 3

Classification	Safety device	Varieties	Safety circuits containing electronic components
Product name	Safety circuits containing electronic components	Product model	MU_V61
Product number	LG190323009	Date of manufacturing	2019-09-17
Applicable product models	/		
Applicant	ShenYang Bluelight Automatic Technology Co., Ltd.		
Registered address of applicant	No. 37 Shiji Road, Hunnan New District, Shenyang, China		
Manufacturer	ShenYang Bluelight Automatic Technology Co., Ltd.		
Registered address of manufacturer	No. 37 Shiji Road, Hunnan New District, Shenyang, China		
Manufacturing address	No.99 ChuangXin 1 ST Road, Hunnan New District, Shenyang, China		
Location of test	Dongchuan Road Test Base of Shanghai Jiao Tong University Elevator Test Center		
Status of sample	OK	Test date	2019-10-21
Test conditions	OK	Category of test	The first time of consistency checking
Test Rules	Regulation for Type Test of Lifts (TSG T7007-2016), GB7588-2003+XG1-2015, EN 81-20:2014, EN 81-50:2014		
Test Conclusion	Type Tests Passed		
Experimenter: 洪策凯 Date: 2019-10-23		Approved certificate serial number: TS7610022-2021 Shanghai Jiao Tong University Elevator Test Center Date of issue: 2019-10-23	
Verifier: 李吉 Date: 2019-10-23			
Approver: 洪刚 Date: 2019-10-23			

**1、 Main technical parameters and configurations**

Function description	Connections to different points of the electric safety chain		
Product model	MU_V61	Type of structure	Printed circuit board
Working voltage	DC5V DC24V	Pollution level	/
Working conditions	Ambient temperature: 0~65℃		

2、 Reviews for technical documents of the sample

No.	Item number	Review item	Review results	Conclusion
1	R5.1.1	Qualified certificate and instruction manual	Pass	OK
2	R5.1.2	Technical information of main structural parameters	Pass	OK
3	R5.1.3.1	Technical information of safety circuit	Pass	OK
4	T5.2	Technical information of UCMP detection subsystem	Inapplicability	/
5	--	Other necessary materials	Inapplicability	/

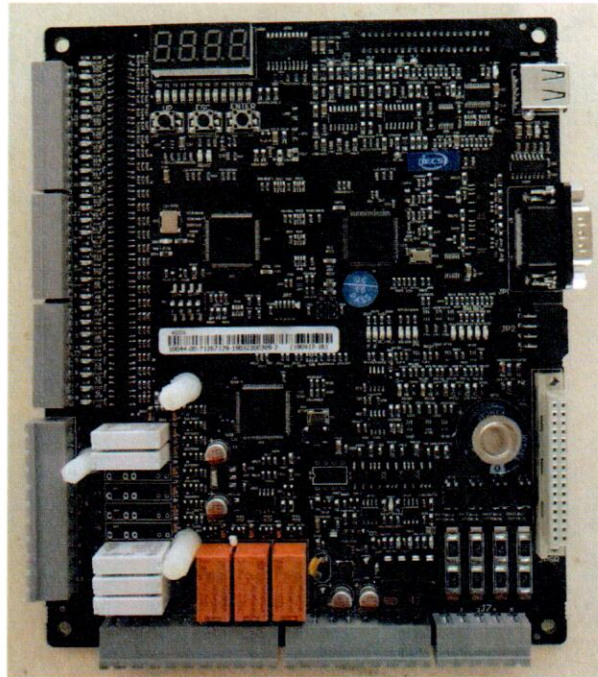
3、 Examines and tests of the sample

No.	Item number	Test item	Results	Conclusion
1	R6.1	Sample requirements	Pass	OK
2	R6.2	Safety circuit function check	Pass	OK
3	R6.4	Temperature test	Pass	OK
4	R6.4	Vibration test	Inapplicability	/
5	R6.4	Impact test	Inapplicability	/
6	T6.2	Correctness of UCMP action sequence and output situation (test for 10 times)	Inapplicability	/
7	T6.2	Response time test (The maximum)	Inapplicability	/
8	T6.2	Vibration test for sensor of safety circuit	Inapplicability	/



Annex:

1. Photograph of the sample:



2. Photograph of the test (Temperature test):



3. Type test report changes

None