

Type Test Certificate for Special Equipment (Lifts)

Certificate Number: TSX F36002220190024

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: iBL6-KIO-V6.2
Type test report number: ETC19F360024

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: iBL6-KIO-V6.2、E-KIB-B V5.5、YRKIO6000、KLB-MAD-01B.

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



Date of issue: 2019-08-30

Expiry date: Before 2021-08-30

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 F36002220190024

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Product Parameters and Configurations Table

Function description	Connections to different points of the electric safety chain		
Product model	iBL6-KIO-V6.2	Type of structure	Printed circuit board
Working voltage	DC24V DC110V AC110V	Pollution level	/
Working conditions	Ambient temperature: 0~65°C		

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.: ETC19F360024

Special Equipment Type Tests Report (Lifts)

Classification : Safety device

Varieties : Safety circuits containing electronic components

Product Name : Safety circuits containing electronic components

Product Model : iBL6-KIO-V6.2

Manufacturer : Shen Yang Bluelight Automatic Technology Co., Ltd.

Applicant : Shen Yang Bluelight Automatic Technology Co., Ltd.

Category of test : First test

Test Date : 2019-08-23、2019-08-26

**Shanghai Jiao Tong University
Elevator Test Center**



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Type Tests Report

No.ETC19F360024

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Classification	Safety device	Varieties	Safety circuits containing electronic components
Product name	Safety circuits containing electronic components	Product model	iBL6-KIO-V6.2
Product number	2019070001	Date of manufacturing	2019-07-01
Applicable product models	iBL6-KIO-V6.2、E-KIB-B V5.5、YRKIO6000、KLB-MAD-01B		
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	2019-08-23、 2019-08-26
Test conditions	OK	Category of test	First test
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: 洪荣凯	Date: 2019-08-30	Approved certificate serial number:	
Verifier: 陈冲	Date: 2019-08-30	TS7610022-2021	
Approver: 洪朋	Date: 2019-08-30	Shanghai Jiao Tong University Elevator Test Center Date of issue: 2019-08-30	

Handwritten signature in red ink.

**1、 Main technical parameters and configurations**

Function description	Connections to different points of the electric safety chain		
Product model	iBL6-KIO-V6.2	Type of structure	Printed circuit board
Working voltage	DC24V DC110V AC110V	Pollution level	/
Working conditions	Ambient temperature: 0~65℃		

2、 Reviews for technical documents of the sample

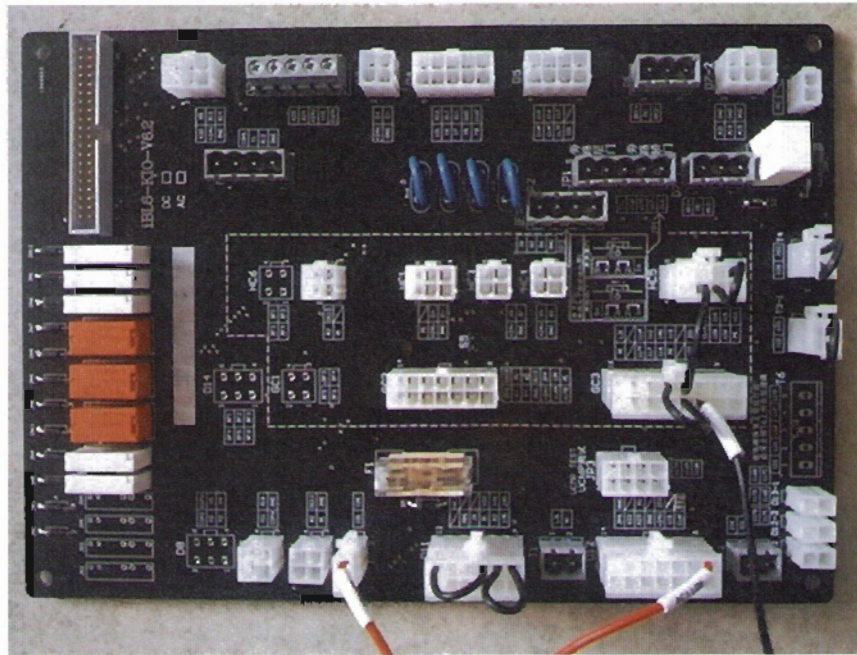
No.	Item number	Review item	Review results	Conclusion
1	R5.1.1	Qualified certificate and instruction manual	Pass	OK
2	R5.1.2	Technical information of main structural parameters	Pass	OK
3	R5.1.3.1	Technical information of safety circuit	Pass	OK
4	T5.2	Technical information of UCMP detection subsystem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

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	Pass	OK
5	R6.4	Impact test	Pass	OK
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:

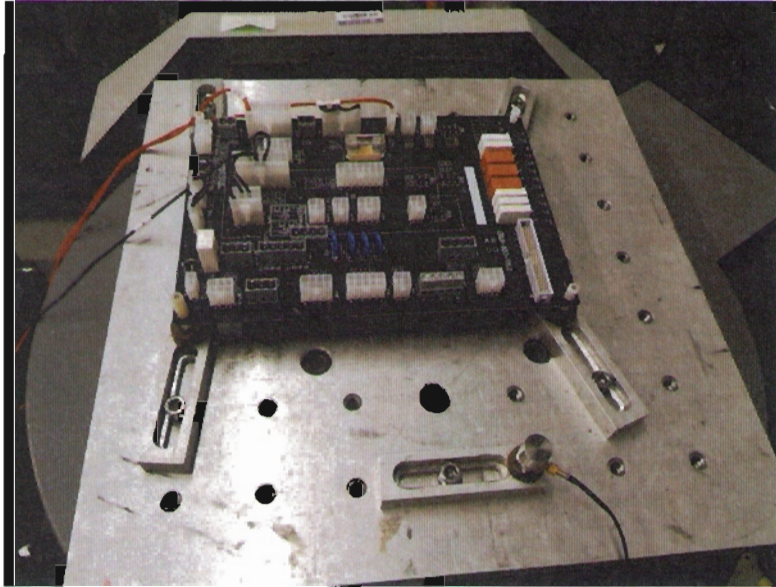
1. Photograph of the sample:



2. Photograph of the test (Temperature test):



3. Photograph of the test (Vibration test)



4. Type test report changes

None

