

REL

Report No.	WX140421-009
Total Pages	6

TEST REPORT

Sample

TJ Series plastic box/TB Series plastic box/Terminal box

Type

TJ-KG-3040/TJ-MG-4060/TJ-AG-2819/TJ-AG-1212
/TB-AG-1924/6P

Client

ZHEJIANG TIANQI ELECTRIC CO.,LTD

Manufacturer

ZHEJIANG TIANQI ELECTRIC CO.,LTD

**RelLAB****RELLAB TESTING**

TRF No. RELT019

Wuxi RELLAB Testing Services Co., Ltd.

www.rellab.cn

Tel: 0510-85625933

Fax: 0510-85602317

This Test Report is issued by the Company subject to its general conditions of service printed overleaf or available on request. Attention is drawn to the limitations of liability. Test Report refer only to the sample (s) tested unless otherwise stated. This Test Report cannot be reproduced, except in full, without prior written permission of the Company. 本报告按本公司规定的通用服务条款编制发放。请注意本报告背面背面之条款。除非另有说明，本报告仅对来样负责，未经许可，不得部分复制本报告。

REL

Test Report

Client: Client: ZHEJIANG TIANQI ELECTRIC CO.,LTD
Address: Modern industrial park, Tianzi lake, Gao Yu town, Anji county, Zhejiang

Manufacturer: ZHEJIANG TIANQI ELECTRIC CO.,LTD

Date Submitted: 2014-04-21

Sample Name: TJ Series plastic box/TB Series plastic box/Terminal box

Sample Quantity: 6PCS

Test Item: IP66

Test periods: 2014-04-21 ~ 2014-04-28

Test Method: According to GB/T 4208 and the client's requirements

Test Ambient: Temperature 20~25°C, Humidity 45~70%RH, Air pressure: 101kPa

Test Instruments: Sand dust test chamber Model: SC-500 S/N: WXR020
Immersion test chamber Model: RH-550 S/N: WXR026

Test Result: Meet the requirements of standard sample, test results: **Qualified!**
Refer to Page 4~6

Remark: /

**RelLAB** RELLAB TESTING**Prepared:**

Qin Shiwei

DATE: 2014-04-28

Supervised:

Zhang Dawei

DATE: 2014-04-28

Approved:

Zhou Zhongshan

DATE: 2014-04-28

Wuxi RELLAB Testing Services Co., Ltd.

www.rellab.cn

Tel: 0510-85625933

Fax: 0510-85602317



This Test Report is issued by the Company subject to its general conditions of service printed overleaf or available on request. Attention is drawn to the limitations of liability. Test Report refer only to the sample. (s) tested unless otherwise stated. This Test Report cannot be reproduced, except in full, without prior written permission of the Company. 本报告按本公司规定的通用服务条款编制发放。请注意本报告首页背面之条款。除非另有说明,本报告仅对来样负责。未经许可,不得部分复制本报告。

REL**1 Sample description**

6pcs samples were submitted by the client for IP66 test.

The representative appearance photos of the samples before test were shown in Fig.1.



Fig.1. The representative appearance photos of the samples

REL

2 Testing process

According to GB/T 4208 and the client's requirements, the test was performed.

The photos of test process were shown in Fig.2.



Fig.2. The photos of test process

3 Test Result

After the test, the samples had no damage and was qualified with the normal function test. The photos after the test were shown in Fig.3.

First characteristic numeral:6	Test results	Test verdict
Protected against access to hazardous parts with a wire The test wire of 1.0mm shall not penetrate and adequate clearance shall be kept.	1.1N Sample not into the shell	Passed
Dust proof test The test is made using a dust chamber incorporating whereby, the powder circulation pump may be replaced by other means suitable to maintain the talcum powder used shall be able to pass through a square-meshed sieve the nominal wire diameter of which is 50μm and the nominal width of a gap between wires 75μm. The amount of talcum powder to be used is 2 kg per cubic metre of the test chamber volume. It shall not have been used for more than 20 tests. During the test, the housing is again placed in the normal working position in the test chamber, a vacuum pump, the pressure must not exceed 2kp (20 mbar) for 2h. After the test, the sample can not have dust entering.	No ingress of dust	Passed
Second characteristic numeral:6	---	----

REL

The test is made by:

Internal diameter of the nozzle:12.5 mm,

Delivery rate: (100±5) L/min

Nozzle pressure:30kPa

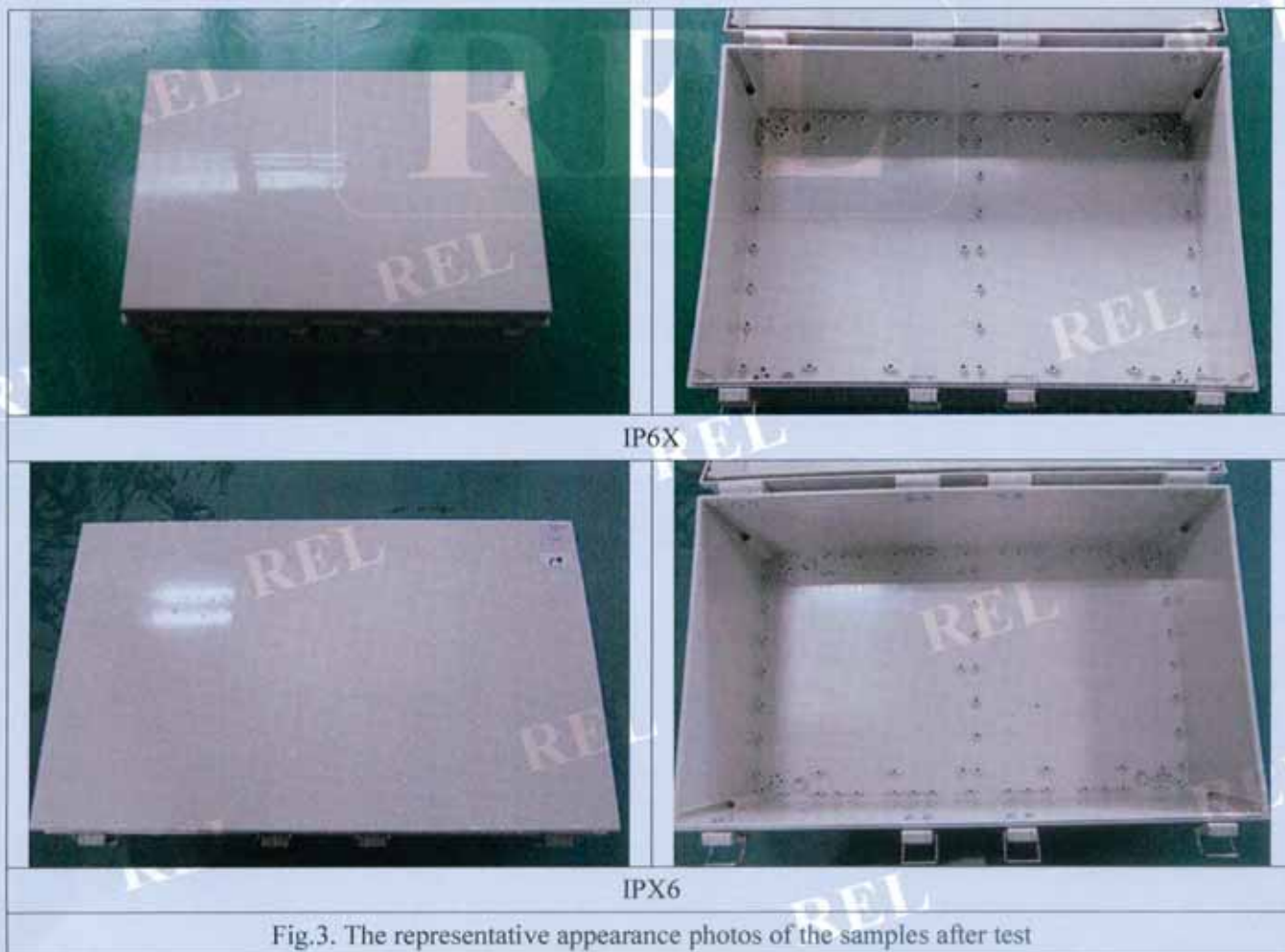
Test time: test duration per square meter of enclosure surface area likely to be sprayed:1min,minimum test duration:3 min

Distance from nozzle to enclosure surface: between 2.5m and 3m

After test, The electrical surface dry first, and then check whether water inside the shell. In general, if any water has entered, it shall not be sufficient to interfere with the correct operation of the equipment or impair safety, deposit on insulation parts where it could lead to tracking along the creep age distances, reach live parts or windings not designed to operate when wet, accumulate near the cable end or enter the cable if any.

No water
enter in the
shell

Passed



---The End---

Wuxi RELLAB Testing Services Co., Ltd.

www.rellab.cn

Tel: 0510-85625933

Fax: 0510-85602317



This Test Report is issued by the Company subject to its general conditions of service printed overleaf or available on request. Attention is drawn to the limitations of liability. Test Report refer only to the sample (s) tested unless otherwise stated. This Test Report cannot be reproduced, except in full, without prior written permission of the Company. 本报告按本公司规定的通用服务条款编制发送。请注意本报告首页背面之条款。除非另有说明,本报告仅对来样负责。未经许可,不得部分复制本报告。

REL

NOTICE

1. The report is invalid without the official seal of test organization.
2. Partly duplicate the report is not premised.
3. The duplicated report is invalid without stamping the original official seal of test organization.
4. The report is invalid without all signatures of the persons who prepared, supervised and approved.
5. The report is invalid if being altered.
6. For commission test we are responsible for the test results of the submitted samples only.
7. Any objections to the report could be raised to Wuxi RELLAB Testing Services Co., Ltd.

REL



RelLAB

RELLAB TESTING

Add: A1 Building East Road, No. 999, highwaves, Wuxi Taihu Lake Park Member of kelon International

Postalcode: 214121

Tel: 0510-85622208, 85622205

Fax: 0510-85602317

Complaints Tel: 0510-85625933

E-mail: rellab@rellab.cn

Website: <http://www.rellab.cn>

Wuxi RELLAB Testing Services Co., Ltd.

www.rellab.cn

Tel: 0510-85625933

Fax: 0510-85602317



This Test Report is issued by the Company subject to its general conditions of service printed overleaf or available on request. Attention is drawn to the limitations of liability. Test Report refer only to the sample (s) tested unless otherwise stated. This Test Report cannot be reproduced, except in full, without prior written permission of the Company. 本报告按本公司规定的通用服务条款编制发放。请注意本报告首页背面之条款。除非另有说明，本报告仅对来样负责，未经许可，不得部分复制本报告。