



IP55 TEST REPORT

Applicant: SHANGHAI LEIPOLD ELECTRIC CO., LTD

The following sample(s) was/were submitted and identified on behalf of the client as:

Sample Name: FK8925

Sample Received Date: Sep.07, 2017

Test Period: Sep.18, 2017 To Sep.20, 2017

DECLARATIONS:

The test(s) shown in the attachment were conducted according to the indicating procedures.

We assume full responsibility for the accuracy and completeness of these tests and vouch for the qualifications of all personnel performing them.

	Name	Signature	Date
Edited by	Shen Chunhui	<i>Shen Chunhui</i>	Jan.18, 2021
Checked by	Song Jie	<i>Song Jie</i>	Jan.18, 2021
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Code: mf8249a



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1. DESCRIPTION OF TEST EQUIPMENT

Test Equipment	Equipment Manufacturer	Equipment Model	Equipment No.	Validity Date
Water jet nozzle	LINPIN	JL-2	IE311	2018-01-13
Dust test chamber	Changguan	SC-1000	IE241-02	/

2. LABORATORY AMBIENCE CONDITION

Temperature : $25^{\circ}\text{C}\pm 10^{\circ}\text{C}$

Relative humidity : $50\% \pm 25\%$

3. REFERENCE DOCUMENT

According to IEC 60529-2013, GB/T 4208-2017 and the applicant's requirement.

4. TEST CONDITION

4.1 Waterproof IPX5 (Sample quantity: 1)

Nozzle diameter	6.3mm
Water flow rate	$12.5 \pm 0.625\text{L/min}$
Distance from nozzle to shell surface	2.5m
Sample test one face, the test time is 3min	

4.2 Dust proof IP5X (Sample quantity: 1)

Dust type	Talcum powder
Chamber concentration	2kg/m^3
Granular size	$< 75\mu\text{m}$
Dust fall direction	From top to bottom
Test time	8h

5. TEST RESULT

5.1 Waterproof

After test, sample function with no abnormal (rotate normally).

5.2 Dust proof

After test, sample with no abnormal, work normally.



Appendix 1: The photo of Waterproof test





Appendix 1: The photo of Waterproof test (continue)



After test-1



After test -2



After test-function



Appendix 2: The photo of Dust proof test



Before test-1



Before test -2



Appendix 2: The photo of Dust proof test (continue)



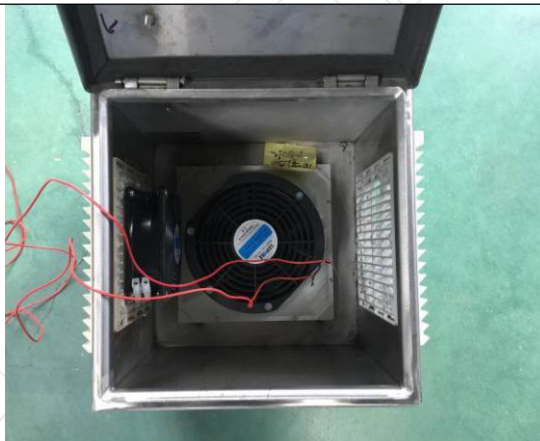
Setup



After test-1



After test -2



After test-function

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Note: This test report is to replace the test report No. BLHDHGNZ95544720 (Issued by 2017-09-22).

The No. BLHDHGNZ95544720 test report is invalid and of no legal effect. All related information should be referred to the new test report. 2021-01-18

*** End of Report ***