



检测报告

Test Report

产品名称: Sample Name	防水盒 Waterproof box
型号规格: Sample Model	AG-081309F-01, AG, ATP series
检验类别: Inspection Classification	委托检验 Commission test
生产单位: Manufacturer	乐清市科勒电器有限公司 Yueqing Keolea Electric Co., Ltd
委托单位: Client	乐清市科勒电器有限公司 Yueqing Keolea Electric Co., Ltd



广州立讯检测有限公司
Guangzhou LCS Compliance Testing Laboratory Ltd.





检测报告 Test Report

委托单位 Client : 乐清市科勒电器有限公司
Yueqing Keolea Electric Co., Ltd

地址 Address : 浙江省乐清市乐成街道潘家垟村潘溪路178号
Pan jia Yang village, Le Cheng street, Yueqing, Zhejiang Province, China.

生产单位 Manufacturer : 乐清市科勒电器有限公司
Yueqing Keolea Electric Co., Ltd

地址 Address : 浙江省乐清市乐成街道潘家垟村潘溪路178号
Pan jia Yang village, Le Cheng street, Yueqing, Zhejiang Province, China.

以下测试之样品及样品信息由委托单位提供并确认:

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

样品名称 Sample Name : 防水盒
Waterproof box

样品型号 Sample Model : AG-081309F-01, AG, ATP series

样品数量 Sample Quantity : 1PC

样品接受状态 Sample tested Status : 正常
Normal

样品接收日期 Sample received Date : Jul.29, 2023

样品测试日期 Sample tested Date : Jul.31, 2023

检测结果信息 Test result information:

检验项目 Test item : IP67

检验依据 Test standard : IEC 60529: 1989+A 1: 1999
+A2:2013 合格

检验结论 Test result : PASS

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Aug.2, 2023

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Sound Chen
Aug.2, 2023

批准 Approved by
Kizard Zhang
Kizard Zhang
Aug.2, 2023





检测报告 Test Report

测试项目1 Test Item1: IP6X

1) 环境条件 Environment conditions:

温度 Temperature: 23.6°C 湿度 Humidity: 59%RH

2) 测试样品信息 Tested Sample:

样品编号 Sample No.	样品名称 Sample Name	样品型号 Sample Model	样品数量 Sample Quantity	样品描述 Sample Description
C072723007-001	防水盒 Waterproof box	AG-081309F-01	1PC	正常 Normal

Remark: Customer statement: All models are identical including the construction, circuit diagram, the report choose the model AG-081309F-01 as the main test model. other models testing result refer to the model AG-081309F-01.

3) 测试依据 Reference Basis: IEC 60529:1989+A1:1999+A2:2013

4) 测试条件 Test Condition:

1. 危险部件防护测试:

1) 使用直径为1 mm的测试探针, 施加1N的力探刺样品缝隙部分;

2. 固体异物防护测试:

1) 对样品进行抽负压, 每小时抽气量低于40倍外壳体积, 抽气速率: 10mL/min, 样品壳内气压与壳外气压 ≤ 2 kpa;

2) 启动吹尘, 降尘测试8小时;

3) 防尘箱粉尘含量: 2kg/m³;

3. 判定要求: 测试后, 样品内部无进尘。

1. Dangerous parts protection test:

1) The Test probe of 1 mm diameter is pushed against any opening of the sample with force of 1N.

2. Solid foreign body protection test:

1) Set the samples in the dust chamber, the pressure inside the enclosure is maintained below the surrounding atmospheric pressure by a vacuum pump (Pump speed: 10 mL/min, less than 40 times of the shell volume per hour; the differential pressure between the containment and the atmosphere ≤ 2 kPa)

2) Start the blowing and dropping dust test for 8 hours;

3) Dust content of Dust Tester: 2 kg/m³;

3. Judgment: After the test, no dust entered the sample.





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5) 测试仪器 Test Equipment:

序号 Sequence	设备名称 Equipment Name	设备编号 Equipment No.	校准有效期 Valid Date to
1	沙尘试验箱 Dust test chamber	GLCS-S-187	Aug.15, 2023
2	IP4X试验探针 IP4X standard probe	GLCS-S-255	May 11, 2024

6) 测试结果 Test Results:

样品编号 Sample No.	测试结果 Test Results	判定 Judgment
C072723007-001	测试后，样品内部无进尘 After the test, no test dust entered the sample.	合格 PASS





检测报告 Test Report

测试前样品照片 Sample Photo before the Test



外观检查 Appearance inspection

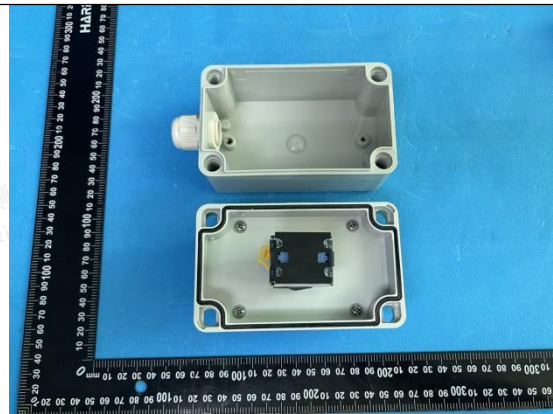
测试中样品照片 Sample Photo during the Test



测试后样品照片 Sample Photo after the Test



外观检查 Appearance inspection



内部检查 Inside inspection





检测报告 Test Report

测试项目 2 Test Item 2: IPX7

1) 环境条件 Environment conditions:

温度 Temperature: 23.8°C 湿度 Humidity: 56%RH

2) 测试样品信息 Tested Sample:

样品编号 Sample No.	样品名称 Sample Name	样品型号 Sample Model	样品数量 Sample Quantity	样品描述 Sample Description
C072723007-001	防水盒 Waterproof box	AG-081309F-01	1PC	正常 Normal

Remark: Customer statement: All models are identical including the construction, circuit diagram, the report choose the model AG-081309F-01 as the main test model. other models testing result refer to the model AG-081309F-01.

3) 测试依据 Reference Basis: IEC 60529:1989+A1:1999+A2: 2013

4) 测试条件 Test Condition:

- 转盘速度: 1RPM;
- 喷嘴内径: 6.3mm;
- 水流量: 12.5L/min;
- 喷嘴与样品距离: 2.5米~3米;
- 测试时间: 3分钟;
- 判定要求: 测试后, 样品内部无进水。
- The rotation speed of the turntable: 1rpm;
- Diameter of the nozzle: 6.3mm;
- Water flow rate: 12.5L/minutes;
- Distance from sample surface to nozzle: 2.5m~3m;
- Test duration: 3min;
- Judgment: After the test, no water entered the sample..





检测报告 Test Report

5) 测试仪器 Test Equipment:

序号 Sequence	设备名称 Equipment Name	设备编号 Equipment No.	校准有效期 Valid Date to
1	强冲水淋雨试验装置 Strong flushing rain test device	GLCS-S-107	May 11, 2024

6) 测试结果 Test Results:

样品编号 Sample No.	测试结果 Test Results	判定 Judgment
C072723007-001	测试后, 样品内部无进水 After the test, no water entered the sample.	合格 PASS





检测报告 Test Report

测试前样品照片 Sample Photo before the Test



外观检查 Appearance inspection

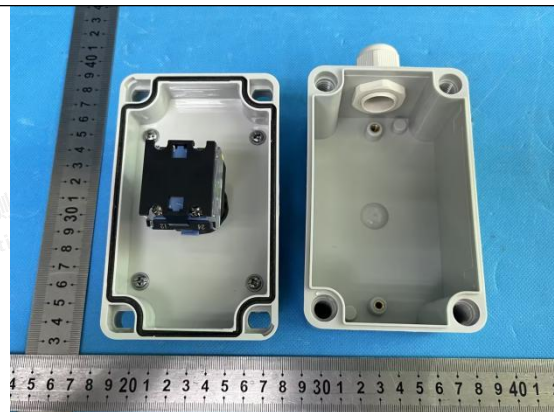
测试中样品照片 Sample Photo during the Test



测试后样品照片 Sample Photo after the Test



外观检查 Appearance inspection



内部检查 Inside inspection





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注意事项 NOTES:

1. 报告无“检验报告章”或检验单位公章无效。
The report be without test report seal is considered as INVALID.
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**** 报告结束 End of Report ****



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