



**Technical Report No. 64.100.17.01431.01**

**Rev. 00**

**Dated 2017-03-22**

Applicant: **Name:** GD Midea Heating & Ventilating Equipment Co.,Ltd.  
**Address:** Penglai Industry Road, Beijiao, Shunde 528311 Foshan, Guangdong, PEOPLE'S REPUBLIC OF CHINA  
**Contact person:** Christine Yu

Manufacturing place: **Manufacturer's name:** same as applicant  
**Address:** same as applicant  
**Factory's name:** same as applicant  
**Address:** same as applicant

Test subject: **Product:** Controllers (Control box)  
**Type:** AHUKZ-01B, AHUKZ-02B, AHUKZ-03B

Test specification: EN 60730-1:2011

Purpose of examination:

- inspection according to specified requirements to realize the conformity with the Produktsicherheitsgesetz –ProdSG, version Nov 08, 2011
- inspection according to specified requirements to realize the observance of the protection aims of the following EC directives:
  - LVD directive 2014/35/EU
  - EMC directive 2014/30/EU
- Test according to the test specification

Test result: The test results show that the presented product is in compliance with the specified requirements

This technical report may only be quoted in full. Any use for advertising purposes must be granted in writing. This report is the result of a single examination of the object in question and is not generally applicable evaluation of the quality of other products in regular production.



## 1 Description of the test subject

### 1.1 Function

- Manufacturer's specification for intended use:  
According to the user manual.
- Manufacturer's specification for predictive misuse:  
According to the user manual.

### 1.2 Consideration of the foreseeable misuse

- Not applicable
- Covered through the applied standard
- Covered by the following comment
- Covered by attached risk analysis

### 1.3 Technical Data

Parameter concerns	Specification for components
Rated voltage/ Frequency:	220-240V~, 50Hz
Rated Current:	AHUKZ-01B: 3.5(0.8) A; AHUKZ-02B, AHUKZ-03B: 15(5) A;
Type of load:	Resistive and / or motor load
Overvoltage category:	II
Rated impulse withstand voltage:	2500 V
Degree of pollution:	2
Protection against electric shock:	Independently mounted control of Class I equipment
Method of mounting:	Surface mounting
Action Type:	1.B
Temperature limit of the switch head:	-5 °C to 43 °C
Temperature limit of mounting surfaces:	-5 °C to 43 °C
IP protection degree	IP20 (after proper installation)
Number of cycles of manual action:	N/A
Number of cycles of automatic action:	100 000 cycles
Switch type and number of poles:	1 pole, normal-close contacts
Terminal type(s):	Screw terminal

## 2 Order

### 2.1 Date of Purchase Order, Customer's Reference



2017-03-15

## 2.2 Receipt of Test Sample, Location

2017-03-15, TÜV SÜD Certification and Testing (China) Co., Ltd. Guangzhou Branch

## 2.3 Date of Testing

From 2017-03-15 to 2017-03-22

## 2.4 Location of Testing

TÜV SÜD Certification and Testing (China) Co., Ltd. Guangzhou Branch

5F, Communication Building, 163 Pingyun Rd, Huangpu West Ave., 510656 Guangzhou, People's Republic of China

## 2.5 Points of Non-compliance or Exceptions of the Test Procedure

None.

## 3 Test Results

### 3.1 Positive Test Results

Electrical safety (Report No.: 64.100.17.01431.01

Dated: 2017-03-22)

EMC (Report No.: 64.711.17.01352.01)

## 4 Remark

**4.1** The user manual has been examined according to the minimum requirements described in the product standard. The manufacturer is responsible for the accuracy of further particulars as well as of the composition and layout.

**4.2** When the product is placed on the market, it must be accompanied with safety instructions written in official language of the country. The instructions shall give information regarding safe operation, installation and maintenance.

**4.3** According to the EU directives which have been aligned with EU NLF (new legislative framework), both of manufacturer and importer's name and address shall be affixed on the product or, where that is not possible, on its packaging or in a document accompanying the product before the product is placed on the EU market.

**4.4** The manufacturer/ Importer has to ensure the appliance placing on the EU market con-



forms to the applicable EU directives which provide the affixing of the CE marking, such as LVD, EMC, RoHS, ErP, and so on.

## 5 Documentation

- CDF
- Photo documentation

## 6 Summary

The test specifications are met.

**TÜV SÜD Certification and Testing (China) Co., Ltd. Guangzhou Branch**  
**TÜV SÜD Group**

Prepared by:

  
\_\_\_\_\_  
**Gareth Liao**  
Project Handler

Technical Report checked:

  
\_\_\_\_\_  
**Martin Ma**  
Designated Reviewer

