Test Report issued under the responsibility of:

TEST REPORT
IEC 60335-2-9
Safety of household and similar electrical appliances
Part 2: Particular requirements for grills, toasters and similar cooking appliances

Report Number. ..... :	NBES210300138003-M2
Date of issue ..... :	2021-04-25, Modification No.2: 2022-08-11
Total number of pages ..... :	20
Name of Testing Laboratory preparing the Report ..... :	SGS-CSTC Standards Technical Services Co., Ltd. Ningbo Branch
Applicant's name ..... :	Zhejiang Haoda Electrical Appliance Co., Ltd
Address ..... :	No.69, Linjiang, Gaobu, Yuecheng, Shaoxing, 312000 Zhejiang, China
Test specification:	
Standard ..... :	IEC 60335-2-9:2019 in conjunction with IEC 60335-1:2010, COR1:2010, COR2:2010, AMD1:2013, COR1:2014, AMD2:2016, COR1:2016
Test procedure ..... :	CB Scheme
Non-standard test method ..... :	N/A
Test Report Form No. ..... :	IEC60335_2_9P
Test Report Form(s) Originator .... :	LCIE
Master TRF ..... :	Dated 2019-08-23

If this Test Report Form is used by non-IECEE members, the IECEE/IEC logo and the reference to the CB Scheme procedure shall be removed.

This report is not valid as a CB Test Report unless signed by an approved CB Testing Laboratory and appended to a CB Test Certificate issued by an NCB in accordance with IECEE 02.

General disclaimer:

The test results presented in this report relate only to the object tested.
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Test item description ..... :	Hotplate (Hotplate Cooker)
Trade Mark(s) ..... :	None
Original Product/Equipment Manufacturer ..... :	Same as applicant
Branding Manufacturer(s) ..... :	None
Model/Type reference ..... :	HD1001B, HD1002B, HD1011B, HD1012B, HD1012BN, HD1012BA, HD1015B, HD1015BN, HD1015BA, HD2011B, HD2011BN, HD2011BA, HD2011C, HD2012B, HD2012BB, HD2012BN, HD2013B, **HD2013B1, HD2013B2,** HD2013BN, HD2013BA, HD2013C, HD2013D, HD2015B, HD2015BN, HD2015BA, HD02H1, HD02HC, HD02CH, HD02H2, HD02H3, HD02H6, HD02C2, HD01, HD03H
Ratings ..... :	50 Hz - 60 Hz; Class I; HD1002B, HD1001B: 220 V - 240 V; 1000 W; HD1011B, HD1012B, HD1012BN, HD1012BA, HD1015B, HD1015BN, HD1015BA, HD01, HD03H: 220 V - 240 V; 1500 W; HD02C2, HD02HC: 220 V - 240 V; 2000 W; HD2013D, HD2011C, HD02H3, HD02H6: 230 V; 2300 W; **HD2013B2: 220 V - 240 V; 2300 W;** HD2011B, HD2011BN, HD2011BA, HD2012B, HD2012BB, HD2012BN, HD2013B, **HD2013B1,** HD2013BN, HD2013BA, HD2013C, HD2015B, HD2015BN, HD2015BA, HD02H1, HD02CH: 220 V - 240 V; 2500 W HD02H2: 220 V - 240 V; 2800 W

Responsible Testing Laboratory (as applicable), testing procedure and testing location(s):			
☒	**CB Testing Laboratory:**	SGS-CSTC Standards Technical Services Co., Ltd. Ningbo Branch	
Testing location/ address.....:		No.1177, Lingyun Road, Hi-Tech Zone, Ningbo, Zhejiang, China	
Tested by (name, function, signature).....:		Stan Fu, PE	Stan Fu
Approved by (name, function, signature)...:		Louis Mao, Reviewer	Louis Mao
☐	**Testing procedure: CTF Stage 1:**	N/A	
Testing location/ address.....:			
Tested by (name, function, signature).....:			
Approved by (name, function, signature)...:			
☐	**Testing procedure: CTF Stage 2:**	N/A	
Testing location/ address.....:			
Tested by (name + signature).....:			
Witnessed by (name, function, signature) .:			
Approved by (name, function, signature)...:			
☐	**Testing procedure: CTF Stage 3:**	N/A	
☐	**Testing procedure: CTF Stage 4:**	N/A	
Testing location/ address.....:			
Tested by (name, function, signature).....:			
Witnessed by (name, function, signature) .:			
Approved by (name, function, signature)...:			
Supervised by (name, function, signature) :			

List of Attachments (including a total number of pages in each attachment):

1. Annex I - Photo documentation – attachment 4 pages
2. Annex II - Circuit diagram – attachment 1 page

Summary of testing:

Tests performed (name of test and test clause):	**Testing location:**
Samples of the product have been tested according to the below standards and complied with the requirements: IEC 60335-2-9:2019 IEC 60335-1:2010 + A1:2013 + A2:2016 After review, test of clause 10 was performed on HD2013B2.	SGS-CSTC Standards Technical Services Co., Ltd. Ningbo Branch No.1177, Lingyun Road, Hi-Tech Zone, Ningbo, Zhejiang, China

Summary of compliance with National Differences (List of countries addressed):

- EU Group Differences
- GB National Differences
- Germany (no National Differences have been published in the CB Bulletin)

EK decisions according to German ProdSG have been taken into account. PAH risk evaluation according to AfPS GS 2019:01 PAK: see PAH risk assessment report no. NBES210300138003-M2/PAH. The following EK decisions were considered applicable: EK1AG2 Rev.10.2018, EK1 601-15 Rev4.

The product fulfils the requirements of:

EN 60335-2-9:2003 + A1:2004 + A2:2006 + A12:2007 + A13:2010
EN 60335-1:2012 + A11:2014 + A13:2017 + A1:2019 + A14:2019 + A2:2019 + A15:2021
EN 62233:2008

Statement concerning the uncertainty of the measurement systems used for the tests

(may be required by the product standard or client)

☐ **Internal procedure used for type testing through which traceability of the measuring uncertainty has been established:**

Procedure number, issue date and title:

Calculations leading to the reported values are on file with the NCB and testing laboratory that conducted the testing.

☒ **Statement not required by the standard used for type testing**

Copy of marking plate:

Copies of marking plates for new models were same as original models except for the model name and rated power.

Copies of marking plates for original models were not changed.

Test item particulars.....:	
Classification of installation and use.....:	Portable appliance
Supply Connection.....:	Type Y attachment (non-detachable cord with plug)
.....:	
Possible test case verdicts:	
- test case does not apply to the test object.....:	N/A
- test object does meet the requirement.....:	P (Pass)
- test object does not meet the requirement.....:	F (Fail)
Testing.....:	
Date of receipt of test item .....:	2022-06-23
Date (s) of performance of tests.....:	2022-06-23 to 2022-08-11

General remarks:

"(See Annex #)" refers to additional information appended to the report.
"(See appended table)" refers to a table appended to the report.

Throughout this report a ☒ comma / ☐ point is used as the decimal separator.

Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 30 days only.

Manufacturer's Declaration per sub-clause 4.2.5 of IECEE 02:

The application for obtaining a CB Test Certificate includes more than one factory location and a declaration from the Manufacturer stating that the sample(s) submitted for evaluation is (are) representative of the products from each factory has been provided ..... :	☐ **Yes** ☒ **Not applicable**

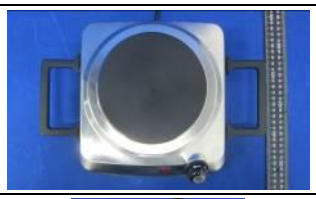
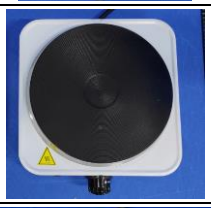
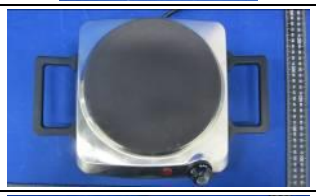
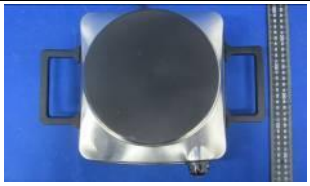
When differences exist; they shall be identified in the General product information section.

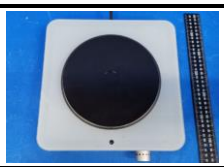
Name and address of factory (ies) .....:	Same as applicant

General product information and other remarks:

This appliance was for household and indoor use only.

There were 23 models listed in this report: HD1001B, HD1002B, HD1011B, HD1012B, HD1015B, HD2011B, HD2011C, HD2012B, HD2012BB, HD2013B, HD2013C, HD2013D, HD2013B1, HD2015B, HD02H1, HD02HC, HD02CH, HD02H2, HD02H3, HD02H6, HD02C2, HD01, HD03H.
HD2011B, HD2013B1 and HD2015B were same except for appearance and thermostat position.
HD2013B1 and HD2013B were same except for the quantity of thermal link.
HD1002B, HD1012B and HD1015B shared the similar appearance and same construction.
HD2013C was same as HD2013D except for the heating elements.
HD01 and HD03H shared the similar appearance and construction with HD1012B.
HD02H1, HD02HC, HD02CH, HD02H2, HD02C2 shared the similar appearance and construction with HD2015B except for the heating element.
HD2011C was similar with HD2011B except heating element and ratings.
HD02H3 was similar with HD02H1 except heating element and ratings. And HD02H6 was same as HD02H3 except model name.
See below table for details of model difference:

Model	Rated power (W)	Heating element	Thermostat	Thermal link or thermal cut-out	Appearance
HD1002B	1000 W	One iron heating plate: 1000 W	One thermostat Max. Tf=190 °C	One thermal link (Tf240)	
HD1001B	1000 W	One iron heating plate: 1000 W			
HD1011B	1500 W	One iron heating plate: 1500 W			
HD1012B	1500 W	One iron heating plate: 1500 W			
HD1015B	1500 W	One iron heating plate: 1500 W			

HD01	1500 W	One aluminum heating plate			
HD03H	1500 W	One aluminum heating plate			
HD2011B	2500 W	Two iron heating plates: 1500 W + 1000 W	Two thermostats Max. Tf=190 °C	Two thermal links	
HD2013B				One thermal link	
HD2013B1				Two thermal links	
HD2015B					
HD02H1	2500 W	Two aluminum heating plates: 1500 W + 1000 W		Two thermal links (Tf240x2)	
HD02HC	2000 W	1000 W ceramic heating plate+1000W aluminum heating plate		Two thermal links (Tf184x1 and Tf240x1)	
HD02CH	2500 W	1000 W ceramic heating plate+1500W aluminum heating plate		Two thermal links (Tf240x1 and Tf184x1)	
HD02H2	2800 W	Two aluminum heating plates: 1400 W + 1400 W		Two thermal links (Tf240x2)	
HD02C2	2000 W	Two ceramic heating plates: 1000 W + 1000 W		Two thermal links (Tf184x2)	

HD2011C	2300 W	Two iron heating plates: 1400 W + 900 W		Two thermal links (Tf240x2)	
HD02H3 (HD02H6)	2300 W	Two aluminum heating plates: 1400 W + 900 W		Two thermal links (Tf240x2)	
HD2012B	2500 W	Two iron heating plates: 1500 W + 1000 W		Two thermal links (Tf240x2)	
HD2012B B	2500 W	Two aluminum heating plates: 1500 W + 1000 W		Two thermal links (Tf240x2)	
HD2013C	2500 W	Two aluminum heating plates: 1500 W + 1000 W	Two thermostats Max. Tf=200 °C	Two self-resetting thermal cut-outs	
HD2013D	2300 W	Two aluminum heating plates: 1400 W + 900 W			

Modification No.1 Report No. NBES210300138002-M1:

The original Test Report Ref. No. Report No. NBES210300138001, dated 2021-04-25 was modified on 2022-04-19 to include the following changes and additions, which were considered technical modification:

1. Added 11 new models HD1012BN, HD1012BA, HD1015BN, HD1015BA, HD2011BN, HD2011BA, HD2012BN, HD2013BN, HD2013BA, HD2015BN, HD2015BA into the report.

   HD2012BN was same as original model HD2012BB excepted the model name.

   Other new models were similar as original models: HD1012B, HD1015B, HD2011B, HD2013B1, HD2015B, HD2015BA except for the appearance, and there was no grip with new models. See below table for details of model difference:

Model	Rated power (W)	Heating element	Thermostat	Thermal link or thermal cut-out	Appearance
HD1012BN	1500 W	One aluminum heating plate: 1500 W	One thermostat Max. Tf=190 °C	One thermal link (Tf240)	

HD1015BN	1500 W	One aluminum heating plate: 1500 W			
HD1012BA	1500 W	One Iron heating plate: 1500 W			
HD1015BA	1500 W	One Iron heating plate: 1500 W			
HD2011BN	2500 W	Two aluminum plates: 1500 W + 1000 W	Two thermostats Max. Tf=190 °C	Two thermal links (Tf240)	
HD2013BN	2500 W	Two aluminum plates: 1500 W + 1000 W			
HD2015BN	2500 W	Two aluminum plates: 1500 W + 1000 W			
HD2011BA	2500 W	Two iron plates: 1500 W + 1000 W			

HD2013BA	2500 W	Two iron plates: 1500 W + 1000 W			
HD2015BA	2500 W	Two iron plates: 1500 W + 1000 W			

2. Deleted the model HD2013B1.
3. All models (including original models) shared this kind of knob as below.

4. The requirements of EN 60335-1:2012 / A15:2021 were evaluated.
5. Added alternative plugs, supply cords, internal wires and thermal links which were certificated and used within their specified ratings were listed, delete the invalid plugs and supply cords, see updated table 24.1 in bold.

Modification No.2 Report No. NBES210300138003-M2:

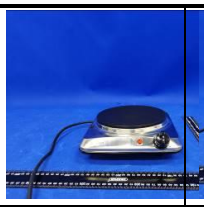
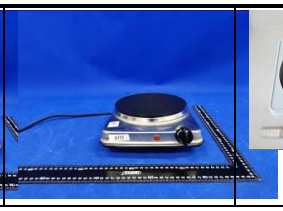
The original Test Report Ref. No. Report No. NBES210300138001, dated 2021-04-25 and NBES210300138002-M1, dated 2022-04-19 were modified on 2022-08-11 to include the following changes and additions, which were considered technical modification:

1. Added alternative supply cord which was certificated and used within its specified ratings were listed, see updated table 24.1 in bold.
2. Corrected the manufacturer of heating tube for HD1012BN, HD1015BN, HD2011BN, HD2013BN, HD2015BN, see updated table 24.1 in bold.
3. Restore the model HD2013B1 which was deleted in report no. NBES210300138002-M1.
   And exchange the model name of HD2013B and HD2013B1, details see below table.

HD2013B	2500 W	Two iron heating plates: 1500 W + 1000 W	Two thermostats	Two thermal links	
HD2013B1			Max. Tf=190 °C	One thermal link	

4. Added alternative construction for HD1012B, HD1015B, HD2011B, HD2013B, HD2013B1, HD2015B that remove the handle. New added construction of HD1012B was totally same as HD1012BA, so as HD1015B and HD1015BA, HD2015B and HD2015BA. New added construction of HD2011B was same as HD2011BA excepted there was coated metal on HD2011B, so as HD2013B, HD2013B1, and HD2013BA. Details see below table.

	HD1012B	HD1015B	HD2011B	HD2013B, HD2013B1	HD2015B

New construction appearance					

5. The minimum thickness of plastic parts (Electric box / electric box cover, Thermostat knob / knob holder, Indicator cover, Plastic enclosure (HD01)) were corrected to 1,0 mm, see details in table 24.1.
6. Added a new models HD2013B2 in this report.

   HD2013B2 was same as HD2013B except the rated power.

IEC 60335-2-9			
Clause	Requirement + Test	Result - Remark	Verdict
10	**POWER INPUT AND CURRENT**		—
10.1	Power input at normal operating temperature, rated voltage and normal operation not deviating from rated power input by more than shown in table 1.....:	(see appended table)	P
	If the power input varies throughout the operating cycle and the maximum value of the power input exceeds, by a factor greater than two, the arithmetic mean value of the power input occurring during a representative period, the power input is the maximum value that is exceeded for more than 10 % of the representative period		N/A
	Otherwise the power input is the arithmetic mean value		P
	Test carried out at upper and lower limits of the ranges for appliances with one or more rated voltage ranges, unless		N/A
	the rated power input is related to the arithmetic mean value		N/A
	Power input of induction hotplates measured separately and the tolerances for motor-operated appliances apply. (IEC 60335-2-9)		N/A
10.2	Current at normal operating temperature, rated voltage and normal operation not deviating from rated current by more than shown in table 2.....:		N/A
	If the current varies throughout the operating cycle and the maximum value of the current exceeds, by a factor greater than two, the arithmetic mean value of the current occurring during a representative period, the current is the maximum value that is exceeded for more than 10 % of the representative period		N/A
	Otherwise the current is the arithmetic mean value		N/A
	Test carried out at upper and lower limits of the ranges for appliances with one or more rated voltage ranges, unless		N/A
	the rated current is related to the arithmetic mean value of the range		N/A
	Current input of induction hotplates measured separately and the tolerances for motor-operated appliances apply (IEC 60335-2-9)		N/A

IEC 60335-2-9

10.1	TABLE: Power input deviation				P
Input deviation of/at:	**P rated (W)**	**P measured (W)**	**Δ P**	**Required Δ P**	**Remark**
230 V	2300	2134,1	-7,2 %	+5 % / -10 %	HD2013B2

24.1	TABLE: Components				P
Object / part No.	**Manufacturer/ trademark**	**Type / model**	**Technical data**	**Standard**	**Mark(s) of conformity[1)]**
Plug	Ningbo Jiajie Electronic Co., Ltd.	JF-03	250 V ~, 16 A, 2P+E	DIN VDE 0620-2-1 IEC 60884-1	VDE* (40030700)
(Alternative)	Yuyao Zhongjian Electric Appliance Co. Ltd.	ZJ-03	250 V ~, 16 A, 2P+E	DIN VDE 0620-2-1 IEC 60884-1	VDE* (40046201)
(Alternative)	Ningbo Jinze Electric Co., Ltd	JJ03	250 V~, 16 A, 2P+E	DIN VDE 0620-1 IEC 60884-1	VDE* (40034209)
(Alternative)	Ningbo Jiajie Electronic Co., Ltd.	JF-03F	250 V~, 16 A, 2P+E	DIN VDE 0620-1 IEC 60884-1	VDE* (40035038)
(Alternative)	Ningbo Liansheng Wire & Cable Co., Ltd	LS03	250 V~, 16 A, 2P+E	DIN VDE 0620-1 IEC 60884-1	VDE* (40034732)
(Alternative)	Ningbo Xuanhua Electric Co., Ltd.	XH-03	250 V~, 16 A, 2P+E	DIN VDE 0620-1 IEC 60884-1	VDE* (40019691)
(Alternative)	Lian Dung Electric Wire Material Co., Ltd	LT-322	250 V~, 16 A, 2P+E	DIN VDE 0620-1 IEC 60884-1	VDE* (40007390)
(Alternative)	Unirise Electric Wire & Cable Co., Ltd.	UE-312	250 V~, 16 A, 2P+E	DIN VDE 0620-1 IEC 60884-1	VDE* (40013356)
(Alternative)	Zhejiang Jinting Nuclear Cable Co.,Ltd.	JT003-F	AC 250 V~, 16 A, 2P+E	DIN VDE 0620-2-1 IEC 60884-1	VDE* (40023496)
(Alternative)	Yuyao Shengshida Electronic Co., Ltd	YD-03	AC 250 V~, 16 A, 2P+E	DIN VDE 0620-2-1 IEC 60884-1	VDE* (40035426)
(Alternative)	Cixi Wanneng Electron Co., Ltd.	D003	AC 250 V~, 16 A, 2P+E	DIN VDE 0620-2-1 IEC 60884-1	VDE* (40044952)
(Alternative)	Well Shin Electronic (Kun Shan) Co., Ltd.	WS-010 WS-010A	AC 250 V~, 16 A, 2P+E	DIN VDE 0620-2-1 IEC 60884-1	VDE* (40026308)
(Alternative)	Yuyao Weihang Electrical Appliance Co.,Ltd	WH03	AC 250 V~, 16 A, 2P+E	DIN VDE 0620-2-1 IEC 60884-1	TUV* (R 50476815)

IEC 60335-2-9					
BS plug (Fitted with an appropriate size fuse link)	Ningbo Jiajie Electronic Co., Ltd.	JF-06A	250 V~, 13 A, 2P+E	BS 1363-1 IEC 60084-1	ASTA* (1178)
(Alternative)	Ningbo Qiaopu Electric Co., Ltd	D09 D09A	250 V~, 13 A, 2P+E	BS 1363-1 IEC 60084-1	ASTA* (930)
(Alternative)	Zhejiang Jinting Nuclear Cable Co., Ltd	JT006A	250 V~, 13 A, 2P+E	BS 1363-1 IEC 60084-1	ASTA* (1120)
(Alternative)	Yuyao Zhongjian Electric Appliance Co., Ltd.	ZJ-006	250 V~, 13 A, 2P+E	BS 1363-1 IEC 60084-1	ASTA* (1270)
(Alternative)	Dongguan Lian Dung Electric Co., Ltd	LT-318 LT-328	250V~,13 A, 2P+E	BS 1363-1 IEC 60084-1	BSI * (KM 68559)
(Alternative)	Unirise Electric Wire & Cable Co., Ltd	UE-324	250V~,13 A, 2P+E	BS 1363-1 IEC 60084-1	ASTA* (941)
(Alternative)	Dongguan Ubill Electrical Co., Ltd	UBL 8008 AP-411A QL-341	250V~,13 A, 2P+E	BS 1363-1 IEC 60084-1	ASTA* (1183)
(Alternative)	CiXi Wanneng Electron Co., Ltd	WN401	AC 250 V~, 13 A, 2P+E	BS 1363-1	DEKRA* (35-106932)
(Alternative)	Dong Guan Well Shin Electronic Products Co Ltd	WS-012A WS-012A-1	AC 250 V~, 13 A, 2P+E	BS 1363-1	BSI* (KM 38959)
SA plug	Yuyao Haolin Electric Co., Ltd	HL7-1	250 V~, 13 A, 2P+E	SASO 2203	Intertek* (181022078GZU-001VOC)
(Alternative)	Ningbo Qiaopu Electric Co., Ltd.	D09A	250 V~, 13 A, 2P+E	SASO 2203	Intertek* (181102012GZU-001VOC)
(Alternative)	Unirise Electric Wire & Cable Co., Ltd	UE-324	250 V~, 13 A, 2P+E	SASO 2203	Intertek* (181114006GZU-001VOC)
(Alternative)	Dongguan Ubill Electrical Co., Ltd	UBL 8008 AP-411A	250 V~, 13 A, 2P+E	SASO 2203	Intertek* (200410108GZU-VOC001)
(Alternative)	Well Shin Electronic (Kunshan) Co., Ltd.	WS-012A-1 WS-012A	AC 250~, 13A, 2P+E	SASO 2203	TUV* (AG 504085160004)
Supply cord	NingBo Liansheng Wire & Cable Co., Ltd	H05RN-F	3G1,0 mm^2 (length≤2 m for HD2011B, HD2012B, HD2012BB, HD2012BN, HD2013B,	EN 50525-2-21 IEC 60245	VDE* (40033764)
(Alternative)	Zhejiang Jinting Nuclear Cable Co., Ltd.				VDE* (40018106)

IEC 60335-2-9					
(Alternative)	Shanghai Chuangqi Cable Co., Ltd		**HD2013B1, HD2013B2,** HD2015B; HD2013C, HD02H1, HD02CH, HD02H2, HD2011BN, HD2011BA, HD2013BN, HD2013BA, HD2015BN, HD2015BA); 3G1,0 mm² for HD1001B, HD1002B, HD1011B, HD1012B, HD1015B, HD2013D, HD2011C, HD02H3, HD02H6, HD02C2, HD02HC, HD1012BN, HD1012BA, HD1015BN, HD1015BA); 3G0,75 mm² (length≤2 m for HD1011B, HD1012B, HD1015B, HD2013D, HD2011C, HD02H3, HD02H6, HD02HC, HD02C2, HD01, HD03H); 3G0,75 mm² for HD1002B, HD1001B		VDE* (40025408)
(Alternative)	Zhejiang Jinniu Cable Co., Ltd				VDE* (40028195)
(Alternative)	Ningbo Xuanhua Electric Co., Ltd.				VDE* (40036306)
(Alternative)	Lian Dung Electric Wire Material Co., Ltd				VDE* (40017920)
(Alternative)	Unirise Electric Wire & Cable Co., Ltd.				VDE* (40044005)
(Alternative)	Ningbo Jiajie Electronic Co., Ltd.				VDE* (40034294)
(Alternative)	Guangdong Rifeng Electrical Cable Co., Ltd.				VDE* (40015999)
(Alternative)	Huizhou Mainland Electric Wire & Cable Co., Ltd.				VDE* (40026038)
(Alternative)	Ningbo Qiaopu Electric Co., Ltd.				TUV* (R 50460888)
(Alternative)	Yuyao Weihang Electric Appliance Co. Ltd.				TUV* (R 50511482)
(Alternative)	**Cixi Wanneng Electron Co., Ltd**				**VDE* (40054915)**
Internal wire	Cixi Shuanghong Wire Co., Ltd.	H05S-K H05SJ-K	0,5-0,75 mm² (for indicator only), 0,75-1,0 mm², for others T180	DIN VDE 50525-2-41 EN 60335-2-9 EN 60335-1 IEC 60335-1 IEC 60335-2-9	VDE* (40017324) +tested with appliance

IEC 60335-2-9					
(Alternative)	Jiangyin Yuanda Electrical Material Co., Ltd.	H05S-K H05SJ-K	0,5-0,75 mm^2 (for indicator only), 0,75-1,0 mm^2, for others T180	DIN VDE 50525-2-41 EN 60335-2-9 EN 60335-1 IEC 60335-1 IEC 60335-2-9	VDE* (40016706) +tested with appliance
(Alternative)	Xiangshan Fahua Electric Wire & Cable Co., Ltd.	3122	300 V~, 200 °C, 22 AWG (for indicator only), 16-18 AWG	EN 60335-2-9 EN 60335-1 IEC 60335-1 IEC 60335-2-9 ANSI/UL 758	UL* (E222362) +tested with appliance
(Alternative)	Qifurui Electronics Co.	3122	300 V~, 200 °C, 22 AWG (for indicator only), 16-18 AWG	EN 60335-2-9 EN 60335-1 IEC 60335-1 IEC 60335-2-9 ANSI/UL 758	UL* (E211048) +tested with appliance
(Alternative)	Jiangyin Yuanda Electrical Material Co., Ltd.	3122	300 V~, 200 °C, 22 AWG (for indicator only), 16-18 AWG	EN 60335-2-9 EN 60335-1 IEC 60335-1 IEC 60335-2-9 ANSI/UL 758	UL* (E216252) +tested with appliance
(Alternative)	Cixi Shuanghong Wire Co., Ltd.	3122	300 V~, 200 °C, 22 AWG (for indicator only), 16-18 AWG	EN 60335-2-9 EN 60335-1 IEC 60335-1 IEC 60335-2-9 ANSI/UL 758	UL* (E333296) +tested with appliance
(Alternative)	Shenzhen Mysun Insulation Materials Co Ltd	H05S-K H05SJ-K	0,5-0,75 mm^2 (for indicator only), 0,75-1,0 mm^2, for others T180	DIN VDE 50525-2-41 EN 60335-2-9 EN 60335-1 IEC 60335-1 IEC 60335-2-9	VDE* (40016705)
(Alternative)	Shenzhen Mysun Insulation Materials Co Ltd	3122	300 V~, 200 °C, 22 AWG (for indicator only), 16-18 AWG	EN 60335-2-9 EN 60335-1 IEC 60335-1 IEC 60335-2-9 ANSI/UL 758	UL* (E239689) + tested with appliance
Thermostat for HD2013C, HD2013D	Shaoxing Xinda Electronic Co., Ltd.	KST820	250 V~, 10 A, 1E5, T250, Max. Tf=200 °C	EN 60730-2-9 EN 60730-1 IEC 60730-2-9 IEC 60730-1	**TUV*** **(B 045361 0018 Rev.01)**
Thermostat for other models			250 V~, 10 A, 1E5, T250, Max. Tf=190 °C		
Thermal cut-out for HD2013C, HD2013D	Shaoxing Xinda Electronic Co., Ltd.	KST820	250 V~, 10 A, 1E5, T250, Tf=240 °C	EN 60730-2-9 EN 60730-1 IEC 60730-2-9 IEC 60730-1	**TUV*** **(B 045361 0018 Rev.01)**

IEC 60335-2-9					
Switch Optional (For HD02H1, HD02H3, HD02H6)	Shenzhen Baokezhen Electronics Co., Ltd.	SC792-1	250 V~, 15(3) A 1E4, T125/55	EN 61058-1 IEC 61058-1	ITS* (1910885)
(Alternative)	Shenzhen Baokezhen Electronics Co., Ltd.	SC792-6	250 V~15(3) A 1E4, T125/55	EN 61058-1 IEC 61058-1	ITS* (1910885)
(Alternative)	Siber (China) Electric Mfg. Limited	KCD1	16 A, 250 V~ T105, 1E4	EN 61058-1 IEC 61058-1	TUV* (B 17 04 93102 002)
Thermal link (Not for heating element with glass surface)	Zhongshan Longde Electrical Co., Ltd.	RY240	250 V~, 10 A, Tf240	EN 60691 IEC 60691	TUV* (B 067446 0027 Rev.02)
(Alternative)	ZhongShan Qilin Electronics Co., Ltd.	QLF235	250 V~, 10 A, Tf240	EN 60691 IEC 60691	**TUV* (B 090735 0004 Rev.01)**
(Alternative)	ZhongShan Yuanshun Thermal Protectors Co.,Ltd	RY240	250 V~, 10 A, Tf240	EN 60691 IEC 60691	TUV* (R 50397951)
Thermal link (for heating element with glass surface: HD02HC, HD02CH, HD02C2)	Zhongshan Longde Electrical Co., Ltd.	RY184	250 V~, 10 A, Tf184	EN 60691 IEC 60691	TUV* (B 067446 0027 Rev.02)
(Alternative)	ZhongShan Qilin Electronics Co., Ltd.	QLF182	250 V~, 10 A, Tf184	EN 60691 IEC 60691	**TUV* (B 090735 0004 Rev.01)**
(Alternative)	ZhongShan Yuanshun Thermal Protectors Co.,Ltd	RY184	250 V~, 10 A, Tf184	EN 60691 IEC 60691	TUV* (R 50397951)
Silicone tube for thermal link	Shenzhen Wahchangwei Industrial Co., Ltd.	SRS-70*	Subjected to GWT750	EN 60335-2-9 EN 60335-1 IEC 60335-1 IEC60335-2-9	Tested with appliance
Insulation tube for indicator wire	Great Holding Industrial Co., Ltd.	PTFE	Subjected to GWT750	EN 60335-2-9 EN 60335-1 IEC 60335-1 IEC60335-2-9	Tested with appliance

IEC 60335-2-9					
1500 W heating tube (for HD1011B, HD1012B, HD1015B, HD2011B, HD2012B, HD2013B, **HD2013B1,** HD2015B, HD1012BA, HD1015BA, HD2011BA, HD2013BA, HD2015BA)	Zhejiang Haoda Electrical Appliance Co.,Ltd	Tested with appliance	220 - 240 V~, 1500 W, tested with appliance	EN 60335-2-9 EN 60335-1 IEC 60335-1 IEC60335-2-9	Tested with appliance
1000 W heating tube (for HD1001B, HD1002B, HD2011B, HD2012B, HD2013B, **HD2013B1,** HD2015B, HD2011BA, HD2013BA, HD2015BA)	Zhejiang Haoda Electrical Appliance Co.,Ltd	Tested with appliance	220 - 240 V~, 1000 W, tested with appliance	EN 60335-2-9 EN 60335-1 IEC 60335-1 IEC60335-2-9	Tested with appliance
1500 W heating tube (for HD2013C, HD02H1, HD02CH, HD01, HD03H, HD2012BB, HD2012BN, **HD1012BN, HD1015BN, HD2011BN, HD2013BN, HD2015BN)**	Zhejiang U Better Electrical Co., Ltd	Tested with appliance	220 - 240 V~, 1500 W, tested with appliance	EN 60335-2-9 EN 60335-1 IEC 60335-1 IEC60335-2-9	Tested with appliance
1000 W heating tube (for HD2013C, HD02H1, HD02HC, HD2012BB, HD2012BN, **HD2011BN, HD2013BN, HD2015BN)**	Zhejiang U Better Electrical Co., Ltd	Tested with appliance	220 - 240 V~, 1000 W, tested with appliance	EN 60335-2-9 EN 60335-1 IEC 60335-1 IEC60335-2-9	Tested with appliance

IEC 60335-2-9					
1400 W heating tube (for HD2013D, HD02H2, HD02H3, HD02H6)	Zhejiang U Better Electrical Co., Ltd	Tested with appliance	Marked “230 V~, 1400 W”, tested with appliance	EN 60335-2-9 EN 60335-1 IEC 60335-1 IEC60335-2-9	Tested with appliance
900 W heating tube (for HD2013D, HD02H3, HD02H6)	Zhejiang U Better Electrical Co., Ltd	Tested with appliance	Marked ”230 V~, 900 W”, tested with appliance	EN 60335-2-9 EN 60335-1 IEC 60335-1 IEC60335-2-9	Tested with appliance
1400 W heating tube (for HD2011C **and HD2013B2**)	Zhejiang Haoda Electrical Appliance Co.,Ltd	Tested with appliance	Marked “220-240 V~, 1400 W” **or “230 V,1400W”**, tested at “230 V~, 1400 W” with appliance	EN 60335-2-9 EN 60335-1 IEC 60335-1 IEC60335-2-9	Tested with appliance
900 W heating tube (for HD2011C **and HD2013B2**)	Zhejiang Haoda Electrical Appliance Co.,Ltd	Tested with appliance	Marked “220-240 V~, 900 W” **or “230 V,900W”**, tested at “230 V~, 900 W” with appliance	EN 60335-2-9 EN 60335-1 IEC 60335-1 IEC60335-2-9	Tested with appliance
Heating element (with glass surface, for HD02HC, HD02CH, HD02C2)	Zhongshan Zhuomei Electric Heating Technology Co., Ltd	ZM-165D	220 V-240 V~ 1000 W, Φ165	EN 60335-2-9 EN 60335-1 IEC 60335-1 IEC 60335-2-9	Tested with appliance
Crimped connector	Heavy Power Co., Ltd.	CE2	Subjected to GWT750	EN 60335-2-9 EN 60335-1 IEC 60335-1 IEC60335-2-9	UL* (E113650) +tested with appliance
Electric box / electric box cover	Zhejiang Haoda Electrical Appliance Co.,Ltd	PA66	**Min. thickness: 1,0 mm**	EN 60335-2-9 EN 60335-1 IEC 60335-1 IEC60335-2-9	Tested with appliance
Thermostat knob / knob holder	Zhejiang Haoda Electrical Appliance Co.,Ltd	PA66	**Min. thickness: 1,0 mm**	EN 60335-2-9 EN 60335-1 IEC 60335-1 IEC60335-2-9	Tested with appliance
Indicator cover	Zhejiang Haoda Electrical Appliance Co.,Ltd	PC	**Min. thickness: 1,0 mm**	EN 60335-2-9 EN 60335-1 IEC 60335-1 IEC60335-2-9	Tested with appliance

IEC 60335-2-9					
Plastic enclosure (HD01)	Zhejiang Haoda Electrical Appliance Co.,Ltd	PP	**Min. thickness: 1,0 mm**	EN 60335-2-9 EN 60335-1 IEC 60335-1 IEC60335-2-9	Tested with appliance
Top enclosure (HD01)	Zhejiang Haoda Electrical Appliance Co.,Ltd	Glass	Min. thickness: 2,0 mm	EN 60335-2-9 EN 60335-1 IEC 60335-1 IEC60335-2-9	Tested with appliance
Supplementary information: [1]) Provided evidence ensures the agreed level of compliance. See OD-CB2039. [2]) License available upon request.					

<End of report>

Annex I
Photo documentation
Hotplate (Hotplate Cooker)
HD1001B, HD1002B, HD1011B, HD1012B, HD1012BN, HD1012BA, HD1015B, HD1015BN, HD1015BA, HD2011B, HD2011BN, HD2011BA, HD2011C, HD2012B, HD2012BB, HD2012BN, HD2013B, **HD2013B2,** HD2013BN, HD2013BA, HD2013C, HD2013D, HD2015B, HD2015BN, HD2015BA, HD02H1, HD02HC, HD02CH, HD02H2, HD02H3, HD02H6, HD02C2, HD01, HD03H

Detail of: HD2013B2

View:

[ ] general

[ ] front

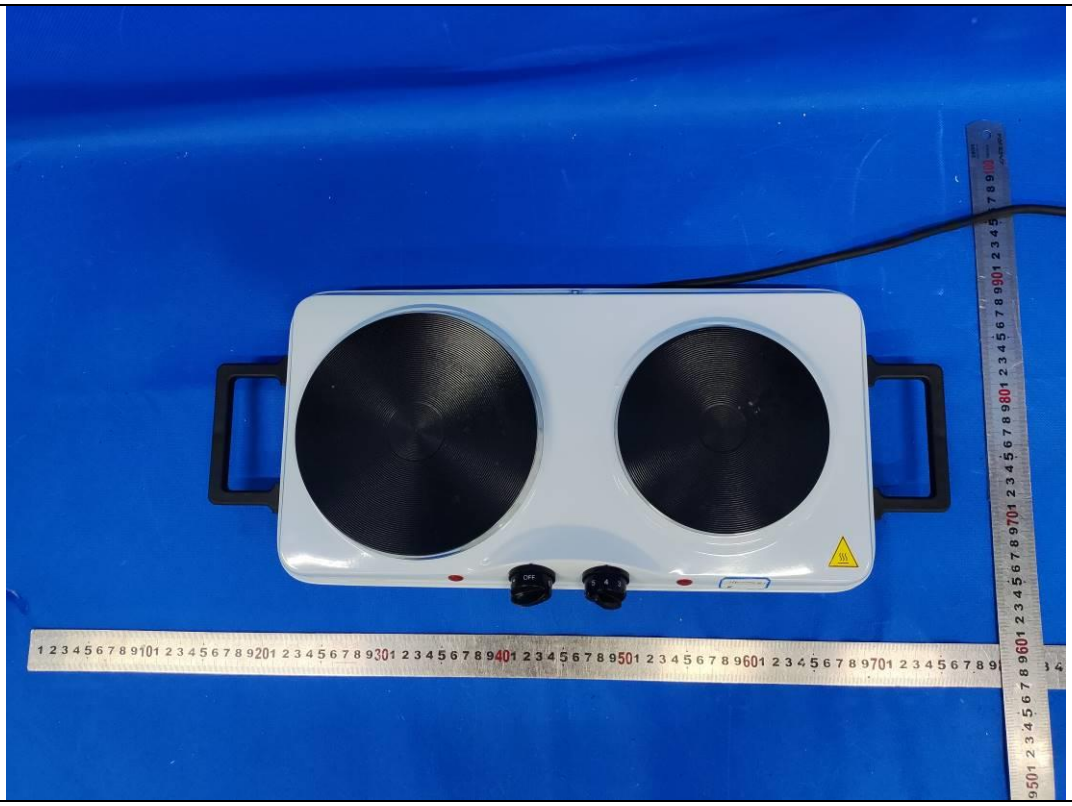
[ ] rear

[ ] right

[ ] left

[X] top

[ ] bottom



Detail of: HD2013B2

View:

[ ] general

[ ] front

[ ] rear

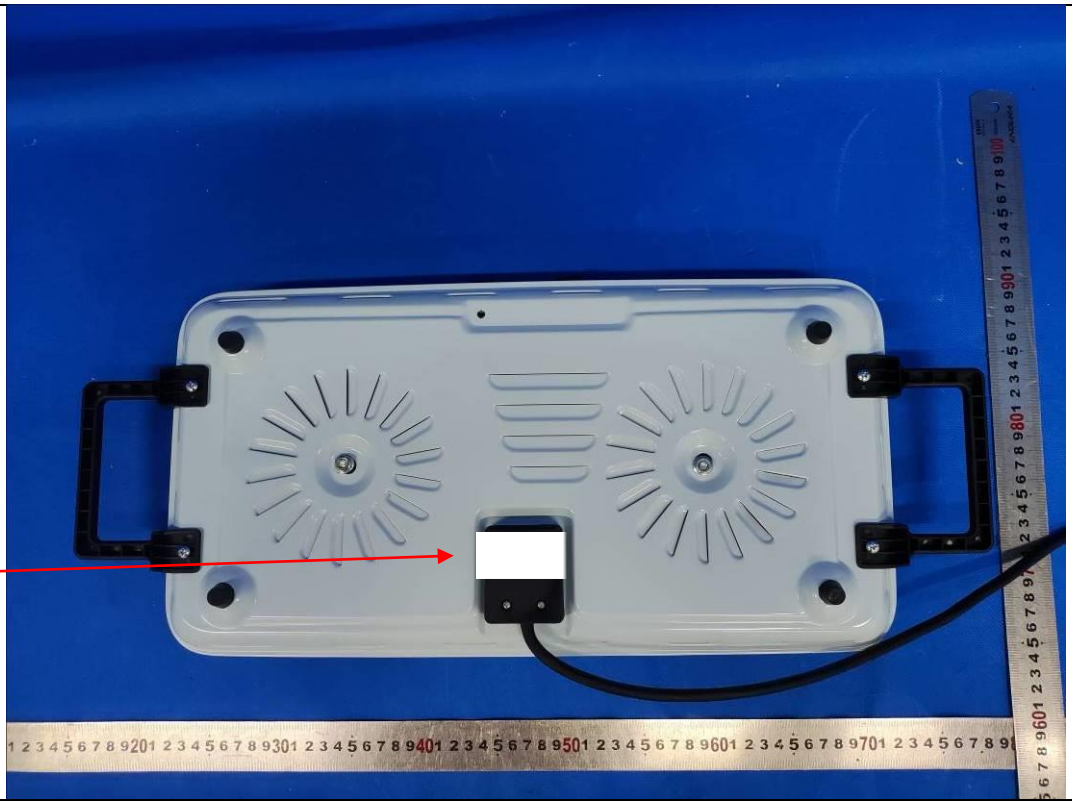
[ ] right

[ ] left

[ ] top

[X] bottom

Label position



Annex I
Photo documentation
Hotplate (Hotplate Cooker)
HD1001B, HD1002B, HD1011B, HD1012B, HD1012BN, HD1012BA, HD1015B, HD1015BN, HD1015BA, HD2011B, HD2011BN, HD2011BA, HD2011C, HD2012B, HD2012BB, HD2012BN, HD2013B, **HD2013B2,** HD2013BN, HD2013BA, HD2013C, HD2013D, HD2015B, HD2015BN, HD2015BA, HD02H1, HD02HC, HD02CH, HD02H2, HD02H3, HD02H6, HD02C2, HD01, HD03H

Detail of: HD2013B2

View:

[ ] general

[X] front

[ ] rear

[ ] right

[ ] left

[ ] top

[ ] bottom

Detail of: HD2013B2

View:

[ ] general

[ ] front

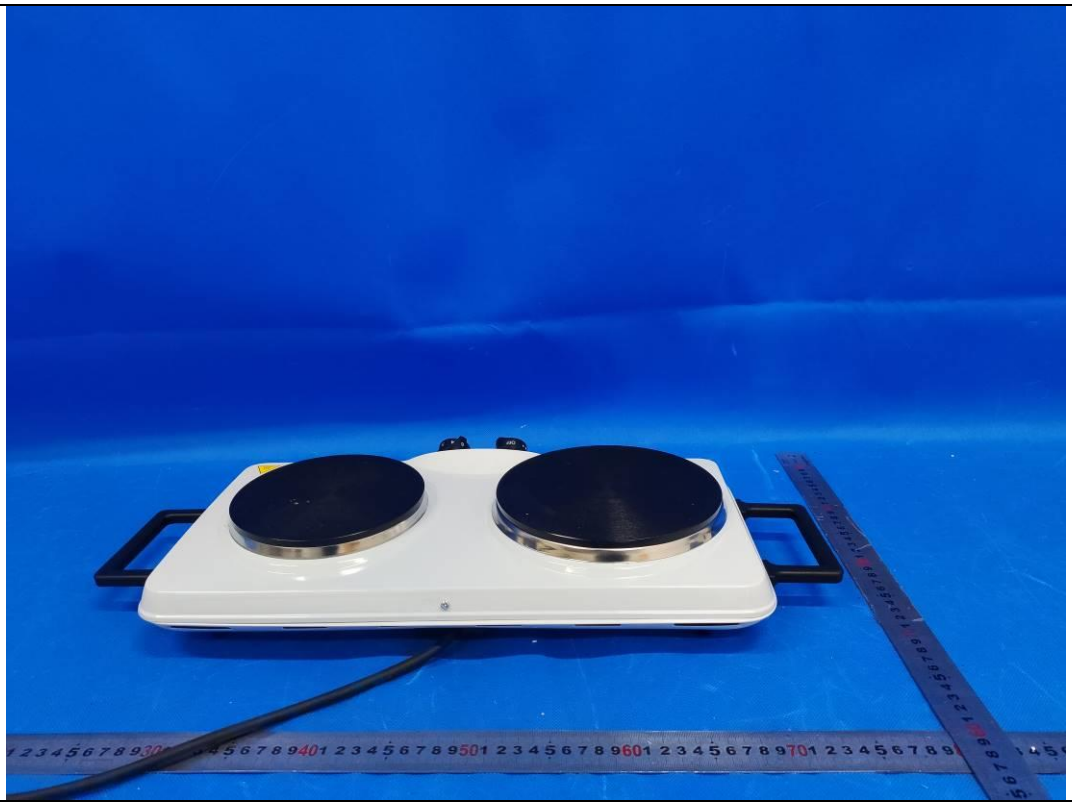
[X] rear

[ ] right

[ ] left

[ ] top

[ ] bottom



Annex I
Photo documentation
Hotplate (Hotplate Cooker)
HD1001B, HD1002B, HD1011B, HD1012B, HD1012BN, HD1012BA, HD1015B, HD1015BN, HD1015BA, HD2011B, HD2011BN, HD2011BA, HD2011C, HD2012B, HD2012BB, HD2012BN, HD2013B, **HD2013B2,** HD2013BN, HD2013BA, HD2013C, HD2013D, HD2015B, HD2015BN, HD2015BA, HD02H1, HD02HC, HD02CH, HD02H2, HD02H3, HD02H6, HD02C2, HD01, HD03H

Detail of: HD2013B2

View:

[ ] general

[ ] front

[ ] rear

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[X] left

[ ] top

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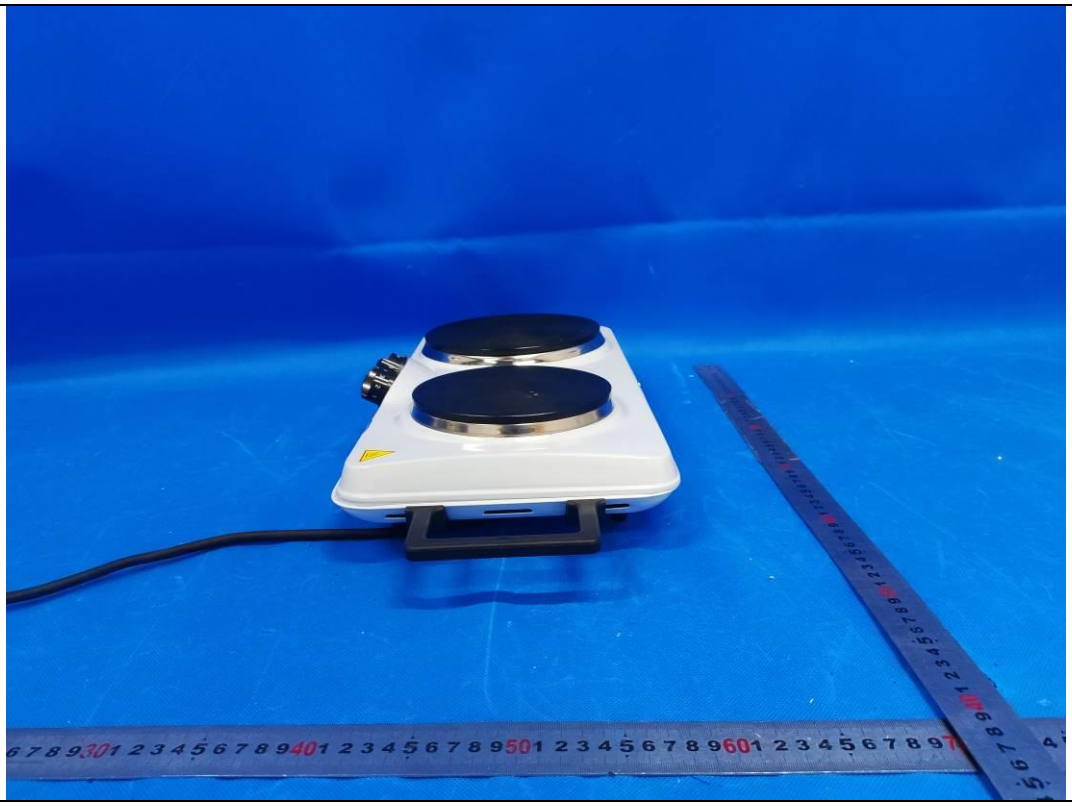


Detail of: HD2013B2

View:

[ ] general

[ ] front

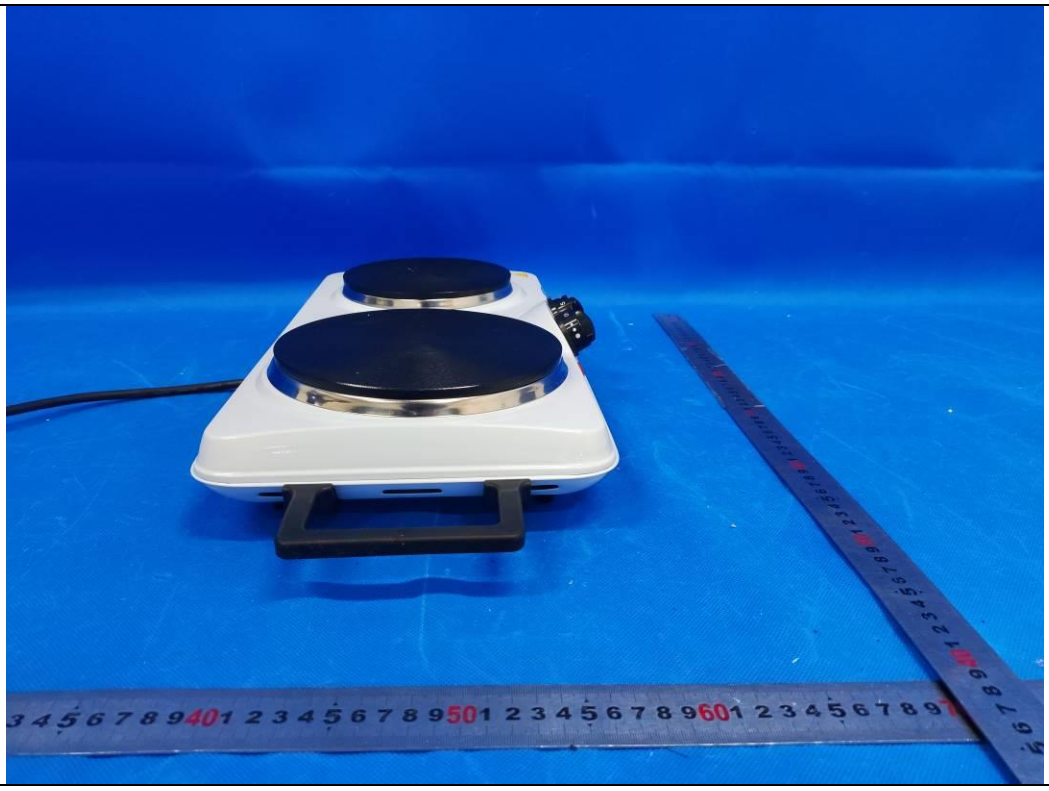
[ ] rear

[X] right

[ ] left

[ ] top

[ ] bottom



Annex I
Photo documentation
Hotplate (Hotplate Cooker)
HD1001B, HD1002B, HD1011B, HD1012B, HD1012BN, HD1012BA, HD1015B, HD1015BN, HD1015BA, HD2011B, HD2011BN, HD2011BA, HD2011C, HD2012B, HD2012BB, HD2012BN, HD2013B, **HD2013B2,** HD2013BN, HD2013BA, HD2013C, HD2013D, HD2015B, HD2015BN, HD2015BA, HD02H1, HD02HC, HD02CH, HD02H2, HD02H3, HD02H6, HD02C2, HD01, HD03H

Detail of: Open view of HD2013B2

View:

[ ] general

[ ] front

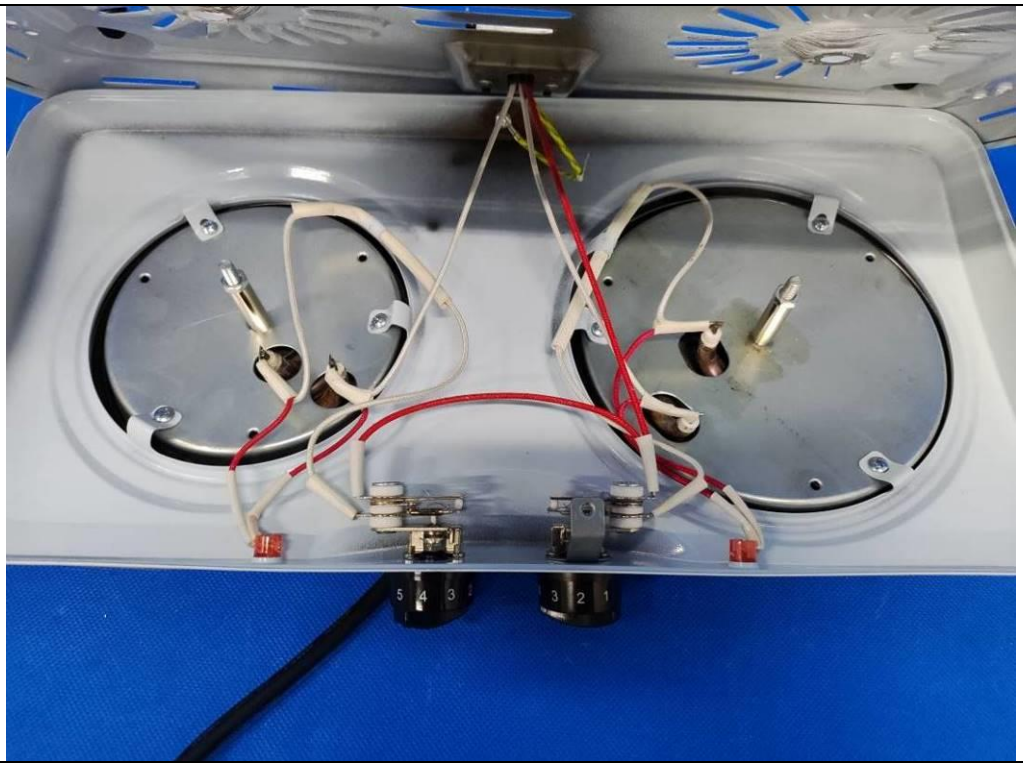
[ ] rear

[ ] right

[ ] left

[ ] top

[ ] bottom



Detail of: Alternative construction of HD2013B, HD2013B1, HD2013B2 (without grip)

View:

[ ] general

[ ] front

[ ] rear

[ ] right

[ ] left

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[ ] bottom

<End of Annex I>

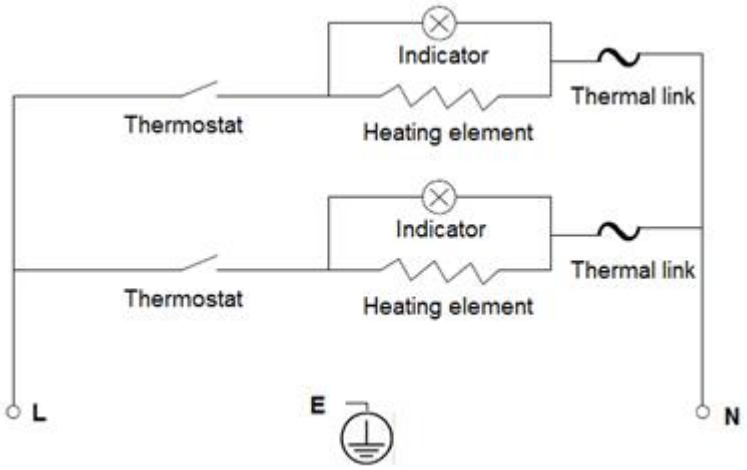
Annex II

Circuit diagram

Hotplate (Hotplate Cooker)

HD1001B, HD1002B, HD1011B, HD1012B, HD1012BN, HD1012BA, HD1015B, HD1015BN, HD1015BA, HD2011B, HD2011BN, HD2011BA, HD2011C, HD2012B, HD2012BB, HD2012BN, HD2013B, **HD2013B1, HD2013B2,** HD2013BN, HD2013BA, HD2013C, HD2013D, HD2015B, HD2015BN, HD2015BA, HD02H1, HD02HC, HD02CH, HD02H2, HD02H3, HD02H6, HD02C2, HD01, HD03H

For HD2013B, HD2013B2:



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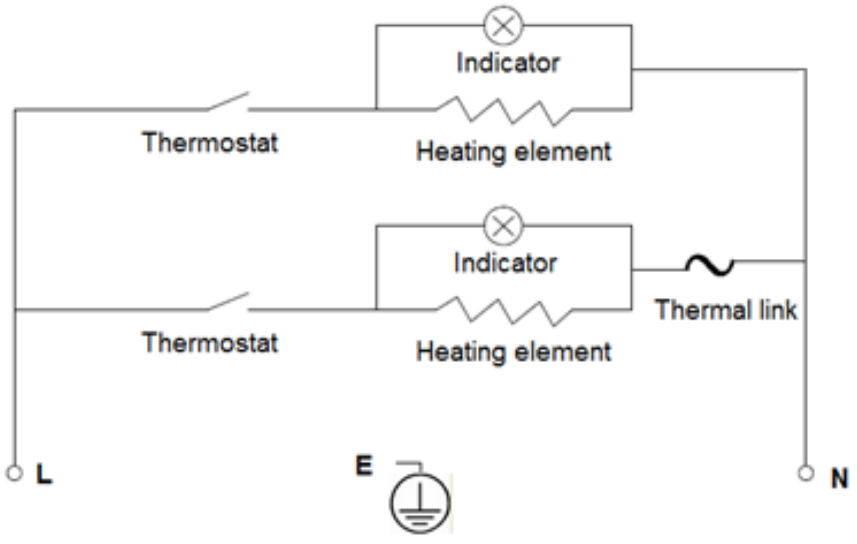

<End of Annex II>