



TEST REPORT IEC 60335-2-24 Safety of household and similar electrical appliances Part 2: Particular requirements for refrigerating appliances, ice-cream appliances and ice-makers	
Report reference No.....:	NBES150400037117
Date of issue	2015-05-28, Amendment No.16: 2025-03-04
Total number of pages.....:	14 pages
Name of Testing Laboratory preparing the Report.....:	SGS-CSTC Standards Technical Services Co., Ltd. Ningbo Branch No.1177, Lingyun Road, Hi-Tech Zone, Ningbo, Zhejiang, China
Applicant's name.....:	Shao Xing Shangyu North Electron Manufacture Co., Ltd.
Address	Yuexie Road, Xiaoyue Town, Shangyu City, Zhejiang, China
Test specification:	
Standard	IEC 60335-2-24:2010 (Seventh Edition) + A1:2012 in conjunction with IEC 60335-1:2010 (Fifth Edition) incl. Corr. 1:2010 and Corr. 2:2011 + A1:2013
Test procedure	SGS-CSTC
Non-standard test method.....:	N/A
Test Report Form No.....:	IEC60335_2_24O
Test Report Form(s) Originator.....:	Electrosuisse
Master TRF	Dated 2014-12
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Test item description	Thermoelectric Cooler and Warmer			
Trade Mark	—			
Manufacturer	Same as applicant			
Model/Type reference	LY-0204B-AC/DC, LY-0204B-AC/DC (new), LY0204E, CZ04LPKC01, CZ04LBKC02, CZ04LWHC03 KRT04-BLACK-UK, KRT04- BLUE-UK, KRT04-PINK-UK, SP04, CZ04, DC04, FA04, LY0804A, LY0307A, LY0312A, LY1906, LY2006A, MZ06LWHC04, MZ06LBKC05, MZ06LPKC11, LY2206A, LY1904, KWC-4, CCU09, CC06, LY0204A, BC0049, RJ48-xxx-4-UK, RJ48-xxx-4-EU, RJ48-BLACK-DE-4-UK, RJ48-BLACK-DE-4-EU, LY0309A, ASIM09, ASIM10N, ASIM10S, ASIM15N, ASIM15S, ASIM20S, RJ48-M-xxx-UK, RJ48-M-xxx-EU, RJ48-4-ML-WHITE-EU, RJ48-4-ML-WHITE-UK, LY2107. (xxx = WHITE, BLACK, BLUE or PINK)			
Ratings	Model	Rated voltage	Power (W)	
			cold	warm
	LY-0204B-AC/DC, LY-0204B-AC/DC (new), BC0049, LY1906, LY2006A, MZ06LWHC04, MZ06LBKC05, MZ06LPKC11, LY0804A, LY1904, KWC-4, LY0204A, LY2107, RJ48-xxx-4-UK, RJ48-xxx-4-EU, RJ48-BLACK-DE- 4-UK, RJ48- BLACK-DE-4-EU, LY0204E, CZ04LPKC01, CZ04LBKC02, CZ04LWHC03, KRT04-BLACK-UK, KRT04- BLUE-UK, KRT04-PINK-UK, SP04, CZ04, DC04, FA04, LY2206A, RJ48-M- xxx-UK, RJ48-M- xxx-EU, RJ48-4- ML-WHITE-EU, RJ48-4-ML- WHITE-UK)	220-240 V; 50/60 Hz	50	40
		DC12 V	40	32
	CC06	220-240 V; 50/60 Hz	50	/
		DC12 V	40	/
	LY0307A, LY0312A	220-240 V; 50/60 Hz	45	50
		DC12 V	35	32
	CCU09	220-240 V; 50/60 Hz	65	55

	DC12 V	50	42
LY0309A, ASIM10N, ASIM15N, ASIM09	220-240 V; 50/60 Hz	64	50
	DC12 V	50	40
ASIM10S	220-240 V; 50/60 Hz	96	40
	DC12 V	78	32
ASIM15S, ASIM20S	220-240 V; 50/60 Hz	108	85
	DC12 V	82	65
Climatic Class: N; Class II			

Responsible Testing Laboratory (as applicable), testing procedure and testing location(s):		
<input checked="" type="checkbox"/>	Testing Laboratory:	SGS-CSTC Standards Technical Services Co., Ltd. Ningbo Branch
Testing location/ address.....:		No.1177, Lingyun Road, Hi-Tech Zone, Ningbo, Zhejiang, China
<input type="checkbox"/>	Associated CB Testing Laboratory:	N/A
Testing location/ address.....:		
Tested by (name, function, signature)		Simon Weng / Aaron Wei / Project Engineer <i>Simon Weng Aaron Wei</i>
Approved by (name, function, signature)....:		Austin Xuan/ Reviewer <i>Austin Xuan</i>
<input type="checkbox"/>	Testing procedure: TMP/CTF Stage 1:	N/A
Testing location/ address.....:		
Tested by (name, function, signature)		
Approved by (name, function, signature)....:		
<input type="checkbox"/>	Testing procedure: WMT/CTF Stage 2:	N/A
Testing location/ address.....:		
Tested by (name, function, signature)		
Witnessed by (name, function, signature)..:		
Approved by (name, function, signature)....:		
<input type="checkbox"/>	Testing procedure: SMT/CTF Stage 3 or 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. Attachment 1 – Photo documentation – 3 pages
2. Attachment 2 – EN 60335-1:2012/A16:2023 – 1 page

Summary of testing:**Tests performed (name of test and test clause):**

Tests were carried out according to the following standards:

EN IEC 60335-2-24:2022 + A11:2022
 EN 60335-1:2012 + A11:2014 + A13:2017 +
 A1:2019 + A14:2019 + A2:2019 + A15:2021 +
 A16:2023
 EN 62233:2008

EN 60335-1:2012/A16:2023 was evaluated.

Testing location

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 Difference

Copy of marking plate

The artwork below may be only a draft. The use of certification marks on a product must be authorized by the respective National Certification Body that own these marks.

Remark: The labels for models CZ04LPKC01, CZ04LBKC02, CZ04LWHC03 were identical with model: LY0204E except for the model's name. The labels for models MZ06LWHC04, MZ06LBKC05, MZ06LPKC11 were identical with model: LY2006A except for the model's name. The other labels in original report were not changed.

Test item particulars	Thermoelectric cooler and warmer
Classification of installation and use	Portable appliance
Supply Connection.....	Appliance inlet
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.....	N/A
Date (s) of performance of tests	N/A
General remarks:	
<p>"(See Attachment #)" refers to additional information appended to the report. "(See appended table)" refers to a table appended to the report.</p> <p>Throughout this report a <input checked="" type="checkbox"/> comma / <input type="checkbox"/> point is used as the decimal separator.</p> <p>This document is issued by the Company subject to its General Conditions of Service, available on request or accessible at http://www.sgs.com/en/Terms-and-Conditions.aspx and, for electronic format documents, subject to Terms and Conditions for Electronic Documents at http://www.sgs.com/en/Terms-and-Conditions/Terms-e-Document.aspx. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful, and offenders may be prosecuted to the fullest extent of the law.</p> <p>Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 1 month only.</p>	
Manufacturer's Declaration per sub-clause 4.2.5 of IEC60335-2-240:	
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	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> Not applicable
When differences exist; they shall be identified in the General product information section.	
Name and address of factory (ies)	Same as manufacturer

General product information:

The appliances are for household use.

There are 6 models in this report, they are all the same except as below:

Model	Power rating	Switching power supply	Out appearance
LY-0204B-AC/DC	220-240 V; 50/60 Hz; cold: 50 W; warm: 40 W; DC12 V; cold: 40 W; warm: 32 W	HYS48-12	All models are difference with each other
LY-0204B-AC/DC(new)			
LY0804A			
KWC-4			
LY0307A	220-240 V; 50/60 Hz; cold: 60 W; warm: 50 W; DC12 V; cold: 50 W; warm: 42 W	S126SMD2	
LY0312A			

Amendment 1 Report: NBES150400037102

The original test report Ref. No: NBES150400037101, dated on 2015-05-28 was modified on 2016-08-12 to include the following changes and additions, which were considered technical modifications:

1. The marking plates were changed, refer to p.4 for details.

After reviewing, no test was considered to be necessary.

Amendment 2 Report: NBES150400037103

The original test report Ref. No: NBES150400037101, dated on 2015-05-28 was additionally modified on 2016-10-17 to include the following changes and additions, which were considered technical modifications:

1. Alternative plug and supply cord were added for all models, refer to table 24.1 in bold.
2. Corrections were made in table 24.1 in bold.

After reviewing, no test was considered to be necessary.

Amendment 3 Report: NBES150400037104

The original test report Ref. No: NBES150400037101, dated on 2015-05-28 was additionally modified on 2017-02-22 to include the following changes and additions, which were considered technical modifications:

1. New model CCU09 was added, it was totally the same as LY0307A except appearance and rating power, details refer to attachment 1.
2. The applicant's name was changed from 'Shangyu North Electron Manufacture Co., Ltd.' to 'Shao Xing Shangyu North Electron Manufacture Co., Ltd.'
3. Corrections were made in table 24.1 in bold.

After reviewing, tests described in '**summary of testing**' were considered to be necessary.

Amendment 4 Report: NBES150400037105

The original test report Ref. No: NBES150400037101, dated on 2015-05-28 was additionally modified on 2017-03-27 to include the following changes and additions, which were considered technical modifications:

1. Alternative appliance inlet was added for all models, refer to table 24.1 in bold.
2. Corrections were made in table 24.1 in bold.

After reviewing, test described in '**summary of testing**' was considered to be necessary.

Amendment 5 Report: NBES150400037106

The original test report Ref. No: NBES150400037101, dated on 2015-05-28 was additionally modified on 2017-06-13 to include the following changes and additions, which were considered technical modifications:

1. New model CC06 was added, it was totally the same as LY-0204B-AC/DC except that it only has cooling function while LY-0204B-AC/DC has both cooling and warm function, and they have different appearance.

After reviewing, tests described in '**summary of testing**' were considered to be necessary

Amendment 6 Report: NBES150400037107

The original test report Ref. No: NBES150400037101, dated on 2015-05-28 was additionally modified on 2018-12-14 to include the following changes and additions, which were considered technical modifications:

1. New model LY0204A was added which was identical with KWC-4 except for the model's name.

2. Requirements of EN 60335-1:2012/A13:2017 were evaluated.

After reviewing, tests described in '**summary of testing**' were considered to be necessary

Amendment 7 Report: NBES150400037108

The original test report Ref. No: NBES150400037101, dated on 2015-05-28 was additionally modified on 2019-07-11 to include the following changes and additions, which were considered technical modifications:

1. New model BC0049 was added which was identical with LY-0204B-AC/DC except for the speaker added which had no effect on the safety tests.

2. Alternative internal wire was added, refer to table 24.1 in bold.

3. Requirements of IEC 60335-2-24:2010/A2:2017, IEC 60335-1:2010/A2:2016, EN 60335-2-24:2010/A1:2019 and EN 60335-2-24:2010/A2:2019 were evaluated.

4. Correction and updating were made in table 24.1 in bold.

After reviewing, tests described in 'summary of testing' were considered to be necessary

Amendment 8 Report: NBES150400037109

The original test report Ref. No: NBES150400037101, dated on 2015-05-28 was additionally modified on 2019-10-18 to include the following changes and additions, which were considered technical modifications:

1. Alternative connector was added for all models, refer to table 24.1 in bold.

After reviewing, test described in '**summary of testing**' was considered to be necessary.

Amendment 9 Report: NBES150400037110

The original test report Ref. No: NBES150400037101, dated on 2015-05-28 was additionally modified on 2020-03-04 to include the following changes and additions, which were considered technical modifications:

1. New model LY1906 was added which was identical with LY-0204B-AC/DC except for the appearance and control panel, refer to photo document for details.

2. The requirements of EN 60335-1:2012/A1:2019 + A14:2019 + A2:2019 were evaluated.

3. Correction and updating were made in table 24.1 in bold.

After reviewing, tests described in '**summary of testing**' were considered to be necessary.

Amendment 10 Report: NBES150400037111

The original test report Ref. No: NBES150400037101, dated on 2015-05-28 was additionally modified on 2020-11-26 to include the following changes and additions, which were considered technical modifications:

1. New models RJ48-xxx-4-UK, RJ48-xxx-4-EU were added, which were identical with KWC-4 except for model name. (xxx means different colour that shown in photo documentation.)
2. New models RJ48-BLACK-DE-4-UK, RJ48-BLACK-DE-4-EU were added, which were identical with LY-0204B-AC/DC except for model name.
3. The ratings of models (LY0804A, KWC-4, LY0204A) were revised, according to the test results of the original report, their updated rated power meets the deviation of cl.10.
4. Alternative plug was added, details refer to table 24.1 in bold.
5. Correction and updating were made in table 24.1 in bold.

After reviewing, no tests were considered to be necessary

Amendment 11 Report: NBES150400037112

The original test report Ref. No: NBES150400037101, dated on 2015-05-28 was additionally modified on 2021-07-05 to include the following changes and additions, which were considered technical modifications:

1. New models (LY0309A, ASIM10N, ASIM15N) were added, which were identical with LY-0307A except for the appearance and the ratings, refer to photo document for details.
2. New models LY2006A and LY1904 were added, which were identical with model LY1906 except for the appearance.
3. New models (ASIM10S, ASIM15S, ASIM20S) were added, which were identical with model LY1906 except for volume, ratings, number of condenser fan motor and number of peltier, refer to photo document and below table for details.

model	number of condenser fan motor	number of peltier	volume	ratings
ASIM10S	2	2	different	different
ASIM15S, ASIM20S	2	2		
LY1906	1	1		

After reviewing, tests described in 'summary of testing' were considered to be necessary.

Amendment 12 Report: NBES150400037113

The original test report Ref. No: NBES150400037101, dated on 2015-05-28 was additionally modified on 2021-10-29 to include the following changes and additions, which were considered technical modifications:

1. New models LY0204E, SP04, CZ04, DC04, FA04, KRT04-BLACK-UK, KRT04- BLUE-UK and KRT04-PINK-UK were added, which were identical with LY0204A except for model name and appearance, details refer to photo documentation.
2. Correction and updating were made in table 24.1 in bold.

After reviewing, no tests were considered to be necessary.

Amendment 13 Report: NBES150400037114

The original test report Ref. No: NBES150400037101, dated on 2015-05-28 was additionally modified on 2022-05-20 to include the following changes and additions, which were considered technical modifications:

1. New model LY2206A was added, which was identical with model LY0204A except for appearance and size, refer to photo document for details.
2. Correction and updating were made in components information, details refer to table 24.1 in bold.
3. Requirements of EN 60335-1:2012/A15:2021 were evaluated.

After reviewing, tests described in 'summary of testing' were considered to be necessary.

Amendment 14 Report: NBES150400037115

The original test report Ref. No: NBES150400037101, dated on 2015-05-28 was additionally modified on 2023-03-21 to include the following changes and additions, which were considered technical modifications:

1. New models: RJ48-M-xxx-UK, RJ48-M-xxx-EU, RJ48-4-ML-WHITE-EU, RJ48-4-ML-WHITE-UK. (xxx = WHITE, BLACK, BLUE or PINK) were added, which were identical with model KWC-4 except for appearance and model name, refer to photo document for details.
2. The requirements of EN IEC 60335-2-24:2022 + A11:2022 were evaluated.

After reviewing, tests described in '**summary of testing**' were considered to be necessary

Amendment 15 Report: NBES150400037116

The original test report Ref. No: NBES150400037101, dated on 2015-05-28 was additionally modified on 2023-12-07 to include the following changes and additions, which were considered technical modifications:

1. The new models: LY2107 was added, which was identical with model LY0204A, except for appearance and model's name, detail information refers to photo document and table 24.1 in bold.
2. Alternative DC fan motor for all models, detail information refers to photo document and table 24.1 in bold.
2. Correction and updating were made in components information, details refer to table 24.1 in bold.

After reviewing, tests described in '**summary of testing**' were considered to be necessary.

Amendment 16 Report: NBES150400037117

The original test report Ref. No: NBES150400037101, dated on 2015-05-28 was additionally modified on 2025-02-26 to include the following changes and additions, which were considered technical modifications:

1. New models: CZ04LPKC01, CZ04LBKC02, CZ04LWHC03 were added, which were identical with model LY0204E except for appearance and model name, refer to photo document for details.
2. New models: MZ06LWHC04, MZ06LBKC05, MZ06LPKC11 were added, which were identical with model LY2006A except for appearance and model name, refer to photo document for details.
3. The requirements of EN 60335-1:2012/A16:2023 were evaluated.

After reviewing, tests described in '**summary of testing**' were considered to be necessary

24.1	TABLE: Components					P
Object / part No.	Manufacturer/ trademark	Type / model	Technical data	Standard	Mark(s) of conformity	
Plug	Splendid Electrical Manufactory	SEM-11-03A	AC 240 V, 3 A	BS 1363 IEC 60884-1	BSI KM 21062	
Alt.	Yuyao Gangda Electric Co., Ltd.	AU-001	AC 250 V, 2,5 A	BS 1363 IEC 60884-1	VDE 40028414	
Alt.	Shangyu Jintao Electron Co., Ltd.	JT001	AC 250 V, 2,5 A	VDE 0620 IEC 60884-1	VDE 40020667	
Alt. (Fitted with an appropriate size fuse link)	Yuyao Yunbiao Electronics Co., Ltd	YB006	AC 250 V	BS 1363 IEC 60884-1	BSI KM 73093	
Alt. (Fitted with an appropriate size fuse link)	Ningbo Xuanhua Electric Appliance Co., Ltd	XH031A, XH031B, XH031C	AC 250V	BS 1363	ASTA 1118	
Alt.	Ningbo Jiajie Electronic Co., Ltd.	JF-01	AC 250 V, 2,5 A	VDE 0620 EN 50075	VDE 40030752	
Alt.	Ningbo Meidi Electric Co., Ltd.	M01	AC 250 V, 2,5 A	VDE 0620 EN 50075-1	VDE 40035386	
Plug (Fitted with an appropriate size fuse link)	Ningbo Jingqi Electronics Co., Ltd	YF-8, YF-8A	AC 250 V	BS 1363-1	BSI KM 609149	
Supply cord	Shangyu Jintao Electron Co., Ltd.	H05VVH2-F 60227 IEC 53	2 x 0,75 mm ²	IEC 60227 EN 50525-2-11	VDE 40013419	
Alt.	Yuyao gangda Electron Co., Ltd.	H03VVH2-F 60227 IEC 52	2 x 0,75 mm ²	IEC 60227 EN 50525-2-11	VDE 40022724	
Alt.	Ningbo Jiajie Electronic Co., Ltd.	H03VVH2-F 60227 IEC 52	2 x 0,75 mm ²	IEC 60227 EN 50525-2-11	VDE 40028223	
Alt.	Ningbo Meidi Electric Co., Ltd.	H05VVH2-F	2x0,75 mm ²	EN 50525-2-11 IEC 60227	VDE 40035209	
Alt.	Ningbo Meidi Electric Co., Ltd.	H03VVH2-F	2x0,5 mm ² 2x0,75 mm ²	EN 50525-2-11 IEC 60227	VDE 40035209	
Appliance inlet (AC)	Ningbo Meidi Electric Co., Ltd.	MD-204	AC 250 V, 2,5 A	EN 60320-1	TUV R50503657	
Connector	Shangyu Jintao Electron Co., Ltd.	JT-ST2	AC 250 V, 2,5 A, C7	IEC/EN 60320-1	VDE 40028718	
Alt.	Yuyao Gangda Electron Co., Ltd.	AU-ST2	AC 250 V, 2,5 A, C7	IEC/EN 60320-1	VDE 40033532	
Alt.	Ningbo Jiajie Electronic Co., Ltd.	JF-07	AC 250 V, 2,5 A,	IEC/EN 60320-1	VDE 40036662	
Appliance inlet (AC)	Rong Feng Industrial Co., Ltd.	RF-180	AC250 V, 2,5 A, C8	IEC/EN 60320-1	VDE 40030168	
Alt.	Zhengjiang Jialong Electronics Co., Ltd.	AC-006A	AC 250 V, 2,5 A	GB17465.1 IEC/EN 60320-1	CCC 200901020 4376911	

Switching power supply (for LY-0204B-AC/DC, LY-0204B-AC/DC(new), KWC-4, LY0204A, LY2107, LY2206A, LY0804A, LY1904, LY2006A, MZ06LWHC04, MZ06LBKC05, MZ06LPKC11 BC0049, LY1906, RJ48-xxx-4-UK, RJ48-xxx-4-EU, RJ48-BLACK-DE-4-UK, RJ48-BLACK-DE-4-EU, LY0204E, CZ04LPKC01, CZ04LBKC02, CZ04LWHC03, SP04, CZ04, DC04, FA04, KRT04-BLACK-UK, KRT04- BLUE-UK and KRT04-PINK-UK, RJ48-M-xxx-UK, RJ48-M-xxx-EU, RJ48-4-ML-WHITE-EU, RJ48-4-ML-WHITE-UK.)	Foshan Hanyi Computer Device Co., Ltd.	HYS48-12	Input: AC 220-240 V, 50 Hz, 1,2 A Output: DC 12 V, 3,6 A	IEC/EN 61558-1 IEC/EN 61558-2-16	TUV R50256176
Switching power supply (for LY0307A, LY0312A, CCU09, LY0309A, ASIM10N, ASIM15N, ASIM09)	Foshan Hanyi Computer Device Co., Ltd.	S126SMD2	Input: AC 220-240 V, 50 Hz, 0,6 A Output: DC 12 V, 5 A	EN 61558-1 EN 61558-2-16	TUV R50256205

Switching power supply (for model ASIM10S, ASIM15S, ASIM20S, LY0309A, ASIM10N, ASIM15N, ASIM09)	Foshan Hanyi Computer Device Co., Ltd.	S126AM13	Input: AC 220-240 V, 50 Hz, 0,6 A Output: DC 12 V, 5 A	EN 61558-1 EN 61558-2-16	TUV R 50256205
DC fan motor	Yujie Electronics&Plasticsfactory	YJ 8025	DC 12 V, 0,16 A, Class 105(A)	IEC/EN 60335-1 IEC/EN 60335-2-24	Tested with appliance
Alt.	Yuyao Yujie Electronics&Plastic Factory	8015	DC 12 V, 0,13 A, Class 105(A)	IEC/EN 60335-1 IEC/EN 60335-2-24	Tested with appliance
Alt.	Yuyao Yujie Electronics&Plastic Factory	YJ-9225	DC 12 V, 0,18 A, Class 105(A)	IEC/EN 60335-1 IEC/EN 60335-2-24	Tested with appliance
Alt.	Yuyao Yujie Electronics&Plastic Factory	8020	DC 12 V, 0,16 A, Class 105(A)	IEC/EN 60335-1 IEC/EN 60335-2-24	Tested with appliance
Alt.	YaHeng Electronic Co., Ltd.	YD8020MS	DC 12 V, 1,6 W, Class 105(A)	IEC/EN 60335-1 IEC/EN 60335-2-24	Tested with appliance
Alt.	YaHeng Electronic Co., Ltd	YD9025MS	DC 12 V, 2,8 W, Class 105(A)	IEC/EN 60335-1 IEC/EN 60335-2-24	Tested with appliance
Alt.	YaHeng Electronic Co., Ltd	YD8025MS	DC 12 V, 3,6 W, Class 105(A)	IEC/EN 60335-1 IEC/EN 60335-2-24	Tested with appliance
Alt.	Shaoxing Pingshun Electronic Co., Ltd	YD8020MS	DC 12 V, 0,16 A, Class 105(A)	IEC/EN 60335-1 IEC/EN 60335-2-24	Tested with appliance
PCB	WENZHOU HENGXUN CIRCUITMATERIAL CO., LTD	HD	94 V-0	IEC/EN 60335-1 IEC/EN 60335-2-24	Tested with appliance
Internal wire	LTK ELECTRIC WIRE (HUIZHOU) LTD	UL 1569	20AWG, 105 °C, 300 V	IEC/EN 60335-1 IEC/EN 60335-2-24	UL E148000+ Tested with appliance
Alt.	NINGBO JIAHUI WIRE & CABLE CO LTD	UL 1569	18-22 AWG, 105 °C, 300 V	IEC/EN 60335-1 IEC/EN 60335-2-24	UL E494724 + tested with appliance
Alt.	zhejiang kangweisheng High temperature Cable Co., Ltd	UL 1569	18-20AWG,300V,105° C, VW-1, 20AWG is for cooling fan	IEC 60335-1 IEC 60335-2-24	UL E483660 + tested with appliance
Plastic enclosure	Daqing	750A	ABS	IEC/EN 60335-1 IEC/EN 60335-2-24	Tested with appliance
Thermostat	Foshan Gaoming Xi Te Electrical Co., Ltd.	KSD 301	AC 250 V, 10 A, 3E4, T190, Tf: 85 °C	IEC/EN 60730-1 IEC/EN 60730-2-9	TUV R50219396

Control panel PCB	GUANGDE YONGSHENG ELECTRIC TECHNOLOGY CO., LTD	Tested with appliance	94 V-0	IEC/EN 60335-1 IEC/EN 60335-2- 24	Tested with appliance
Supplementary information: 1) Provided evidence ensures the agreed level of compliance. See OD-CB2039. 2) License available upon request.					

-End of the test report-

Type of equipment, model: Thermoelectric Cooler and Warmer
Model name refer to main test report

Details of: Front view for CZ04LPKC01



Details of: Front view for CZ04LBKC02



Details of: Front view for CZ04LWHC03



Details of: Front view for MZ06LWHC04



Details of: Front view for MZ06LBKC05



Details of: Front view for MZ06LPKC11



--- End of Attachment 1 ---

The requirement of EN 60335-1:2012 / A16:2023			
Clause	Requirement - Test	Result - Remark	Verdict
22	CONSTRUCTION		—
22.44	Replace in the third paragraph the sentence starting with “ If the appliance is child-appealing...” up to “..., the following conditions shall be met”: by the following:		—
	If the appliance is child-appealing and:		—
	— has a mass less than 4 kg; and		N/A
	— is mounted or normally intended for use at a height less than 850 mm		N/A

--- End of this Attachment--