

CERTIFICATE ZERTIFIKAT

GS/23/HEL/01516

replacing/ersetzt: GS/23/HEL/01039



Order no. / Auftragsnr.: SD-CERT230802986-02
Test report ref. / Prüfbericht-Nr.: GZES230500991102A1

Issue date / ausgestellt: 2023-09-13
Invalid from / ungültig ab: 2028-07-07

License Holder / Genehmigungsinhaber:

Guangdong Galanz Enterprises Co., Ltd.
25 Ronggui Nan Road, Shunde, Foshan, Guangdong, China

Manufacturing Plant(s) / Fertigungsstätte(n):

See Page 2 / Siehe Seite 2

Certified Product / Zertifiziertes Produkt:

Product / Produkt: Microwave Oven / Mikrowellenofen

Type/Model No. / Typ/Modell-Nr.: See Page 2 / Siehe Seite 2

Trademarks / Markenzeichen: Galanz

Characteristics / Technische Daten: 230 V – 240 V; 230 V; 50 Hz; Class / Schutzklasse: I; Grill: 1000 W; Microwave input/output / Mikrowellen Ein/Ausgangsdaten: 1400 W / 900 W; 2450 MHz

Tested according to / Geprüft nach:

EN IEC 60335-2-25:2021 + A11:2021
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
AfPS GS 2019:01 PAK
EK1AG2 Rev.10

The product fulfils the requirements of the German Product Safety Act to ensure safety and health (§ 21 (1) ProdSG). The license holder is authorized to mark the described product with the GS mark as shown above. Marking requirements of § 6 (1) ProdSG have to be observed when making the certified products available on the market.

Das Produkt entspricht den Anforderungen des Produktsicherheitsgesetzes hinsichtlich der Gewährleistung von Sicherheit und Gesundheit (§ 21 (1) ProdSG). Der Genehmigungsinhaber ist berechtigt, das beschriebene Produkt mit dem GS-Zeichen in der oben abgebildeten Form zu kennzeichnen. Bei Bereitstellung auf dem Markt sind die Kennzeichnungspflichten gemäss § 6 (1) ProdSG einzuhalten.

Remarks / Bemerkungen: -

SGS Fimko Ltd

Signature



Ralf Klingberg
Certification Manager

The test mark regulation is an integral part of this certificate. Die Zertifizierungsbestimmungen sind integraler Bestandteil des Zertifikates.

Page 1 of 2

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Certification Body for products / Zertifizierstelle für Produkte

SGS Fimko Ltd

Takomotie 8, FI-00380 Helsinki, Finland
t. +358 9 696 361 www.sgs.fi

Business ID 0978538-5

Member of the SGS Group (SGS SA)



Remarks / Bemerkungen:

Manufacturing Plant(s) / Fertigungsstätte(n):

- Guangdong Galanz Microwave Electrical Appliances Manufacturing Co., Ltd.
3 Xingpu Avenue, Huangpu, Zhongshan, Guangdong, China
- Guangdong Galanz Microwave Oven and Electrical Appliances Manufacturing Co., Ltd.
25 Ronggui Nan Road, Shunde, Foshan, Guangdong, China

Type/Model No. / Typ/Modell-Nr.:

D90D23(x)(y)(E17)

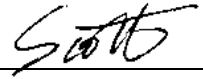
(x)= L, SL, TL, EL, ETL, EP, ETP, AL, ATL, MP, MTP, ML, MTL, P, SP, TP, AP, ATP, DAL, DATL, ESL, ESP, ASL, MSP, MSL, ASP, DASL ; (y)= -ZS, -YR, -T2, -G3, -ZSF, -DA, -B7, -QF, -EA, -ZHA, -ZV, -ZVB, -ZW, -ZWA, -B1, -D4, -M8, -ZSA, -TS, -YT, -YX, -LXA, -XJA, -H3, -XCX, -B8, -ZWB, -BM2, -XC, -XJF, -B8G, -XJB, -CF, -ZVD, -G7, -BM1, -CG, -DU, -G5, -CH

D90D23EL-B8/H(E17), D90D23EL-B8G/H(E17), D90D23ESL-B8/H(E17), D90D23ESL-B8G/H(E17), D90D23ETL-B8/H(E17), D90D23ETL-B8G/H(E17)



TEST REPORT IEC 60335-2-9 & IEC 60335-2-25 Household and similar electrical appliances - Safety Part 2-9: Particular requirements for grills, toasters and similar cooking appliances Part 2-25: Particular requirements for microwave ovens, including combination microwave ovens	
Report Number	GZES230500991102A1
Date of issue	2023-06-26, Amendment No.1: 2023-08-25
Total number of pages.....	49
Name of Testing Laboratory preparing the Report.....	SGS-CSTC Standards Technical Services Co., Ltd. Shunde Branch
Applicant's name.....	Guangdong Galanz Enterprises Co., Ltd.
Address	25 Ronggui Nan Road, Shunde, Foshan, Guangdong, China
Test specification:	
Standard	IEC 60335-2-9:2019 and IEC 60335-2-25:2020 in conjunction with IEC 60335-1:2010, COR1:2010, COR2:2011, AMD1:2013, COR1:2014, AMD2:2016, COR1:2016
Test procedure	CB Scheme
Non-standard test method	N/A
TRF template used	IECEE OD-2020-F1:2020, Ed.1.3
Test Report Form No.....	IEC 60335_2_9&25H
Test Report Form(s) Originator	KTL
Master TRF	Dated 2020-09-25
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General disclaimer: The test results presented in this report relate only to the object tested. This report shall not be reproduced, except in full, without the written approval of the Issuing CB Testing Laboratory. The authenticity of this Test Report and its contents can be verified by contacting the NCB, responsible for this Test Report.	

Test item description	Microwave Oven
Trade Mark	Galanz
Manufacturer.....	Guangdong Galanz Microwave Electrical Appliances Manufacturing Co., Ltd. 3 Xingpu Avenue, Huangpu, Zhongshan, Guangdong, China
Model/Type reference	D90D23(x)(y)(E17) (x)= L, SL, TL, EL, ETL, EP, ETP, AL, ATL, MP, MTP, ML, MTL, P, SP, TP, AP, ATP, DAL, DATL, ESL, ESP, ASL, MSP, MSL, ASP, DASL (y)= -ZS, -YR, -T2, -G3, -ZSF, -DA, -B7, -QF, -EA, -ZHA, -ZV, -ZVB, -ZW, -ZWA, -B1, -D4, -M8, -ZSA, -TS, -YT, -YX, -LXA, -XJA, -H3, -XCX, -B8, -ZWB, -BM2, -XC, -XJF, -B8G, -XJB, -CF, -ZVD, -G7, -BM1, -CG, -DU, -G5, -CH D90D23EL-B8/H(E17), D90D23EL-B8G/H(E17), D90D23ESL-B8/H(E17), D90D23ESL-B8G/H(E17), D90D23ETL-B8/H(E17), D90D23ETL-B8G/H(E17)
Ratings	230 V – 240 V; 230 V; 50 Hz; 1400 W (Microwave), 1000 W (Grill); Class I; Microwave output: 900 W; 2450 MHz

Responsible Testing Laboratory (as applicable), testing procedure and testing location(s):		
☒	CB Testing Laboratory:	SGS-CSTC Standards Technical Services Co., Ltd. Shunde Branch
Testing location/ address		Building 1, European Industrial Park, No.1, Shunhe South Road, Wusha, Daliang, Shunde District, Foshan, Guangdong, China
Tested by (name, function, signature)		Scott Huang / Project Engineer 
Approved by (name, function, signature) ..		Vincent Chan / Reviewer 
☐	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): Attachment 2 including 1 page of circuit diagram; Attachment 3 including 2 pages of photo document; Attachment 4 including 3 pages of model list.	
Summary of testing:	
Tests performed (name of test and test clause): Tests according to following standards were carried out: IEC 60335-2-25: 2020 IEC 60335-2-9: 2019 IEC 60335-1: 2010 + A1: 2013 + A2: 2016 Test of clause 7.10, 8, 21.1, 21.101 - 21.104, 22.11, 22.12, 22.107, 22.109 - 22.111, 29.1.3, 29.1.4, 29.2.3 and 29.2.4 were performed on model D90D23EL-CH(E17). The submitted samples fulfil the requirements of specified standards.	Testing location: SGS-CSTC Standards Technical Services Co., Ltd. Shunde Branch Building 1, European Industrial Park, No.1, Shunhe South Road, Wusha, Daliang, Shunde District, Foshan, Guangdong, China
Summary of compliance with National Differences (List of countries addressed): EU Group Difference, DE, GB DE=Germany, GB= United Kingdom EK1AG2 Rev. 10 according to German ProdSG have been taken into account. PAH risk evaluation according to AfPS GS 2019:01 PAK. ☒ The product fulfils the requirements of EN IEC 60335-2-25: 2021 + A11: 2021 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 (Note: When IEC or ISO standard requires a statement concerning the uncertainty of the measurement systems used for tests, this should be reported above. The informative text in parenthesis should be delete in both cases after selecting the applicable option)	

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 NCBs that own these marks.

Galanx D90D23EL-QF(E17) GRILL MICROWAVE OVEN INPUT: 230-240V ~50Hz 1400W (MICRO) 1000W (GRILL) OUTPUT: 900W 2450MHz  DIMENSIONS: 281mm(H)×483mm(W)×392mm(D) S/N.:  	Galanx D90D23EL-QF(E17) Grillen Mikrowellengerät Nennaufnahme: 230-240V ~50Hz 1400W (Mikrowelle) 1000W (Grillen) Leistungsabgabe: 900W 2450MHz  Gehäuse: 281mm(H)×483mm(W)×392mm(D) S/N.:  
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Remark:

- 1). Other labels are identical as above except for model name.
- 2). As declared by the applicant, the importer (and manufacturer, if it is different)'s name, registered trade name or registered trademark and the postal address will be marked on the products before being place on the market. The contact details shall be in a language easily understood by end-users and market surveillance authorities.
- 3). Marking on the packaging or in a document accompanying the electrical equipment is only acceptable if it is not possible to place such markings on the product.
- 4). The Height of CE logo shall not be less than 5 mm; Height of WEEE logo shall not be less than 7 mm.
- 5). As declared by the applicant the authorized EEA representative or importer was not decided at the time of application, but will be marked on the products before placing them on the market
- 6). According to ProdSG Art. 6 when placing the products on the market the authorized representative / importer within the European Economic Area (EEA) must be marked on the product if the manufacturer is not located within the EEA. Marking on the packaging is only acceptable if it is not possible to place such markings on the product.

Test item particulars :	
Classification of installation and use : Portable appliance for household and indoor use	
Supply Connection : Non detachable cord fitted with a 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..... : 2023-08-07	
Date (s) of performance of tests : 2023-08-07 to 2023-08-25	
General remarks:	
“(See Enclosure #)” 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. This document is issued by the Company subject to its General Conditions of Service printed overleaf, 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-Documents.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.” 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. This test report (GZES230500991102A1) is not valid without test report GZES230500991101.	
Manufacturer’s Declaration per sub-clause 4.2.5 of IEC 60335-1:	
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 Factory declaration Identification declaration.PDF, dated 2023-06-01.
When differences exist; they shall be identified in the General product information section.	

Name and address of factory (ies)	1. Guangdong Galanz Microwave Electrical Appliances Manufacturing Co., Ltd. 3 Xingpu Avenue, Huangpu, Zhongshan, Guangdong, China 2. Guangdong Galanz Microwave Oven and Electrical Appliances Manufacturing Co., Ltd. 25 Ronggui Nan Road, Shunde, Foshan, Guangdong, China
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General product information and other remarks:

The appliances are intended for household and indoor use only.

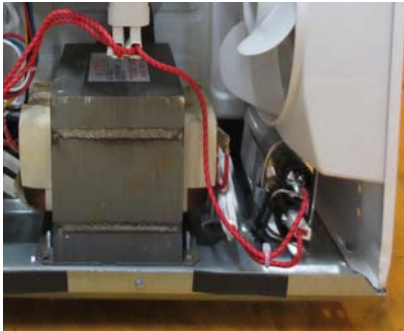
The microwave oven incorporated with microwave and grill function, these functions can be operated separately or in combination. At any operation mode, the microwave mode does not operate together with the grill mode.

All models have the same components, size of the cavity and constructions, except for the type of cavity, details refer to following:

D	90	D23	(x)			(y)(E17)
			Panel type:	Cavity type:	Door type :	type of the appearance
Microwave oven with grill	Microwave output power: 900W	Cavity volume: 23 litres	DA, A, E, M: Electronic type; Blank: Mechanical type	Blank: Painted steel cavity; S: Stainless steel; T: Gray painted steel cavity	P: Push door type L: Pull door type	appearance of door and control panel

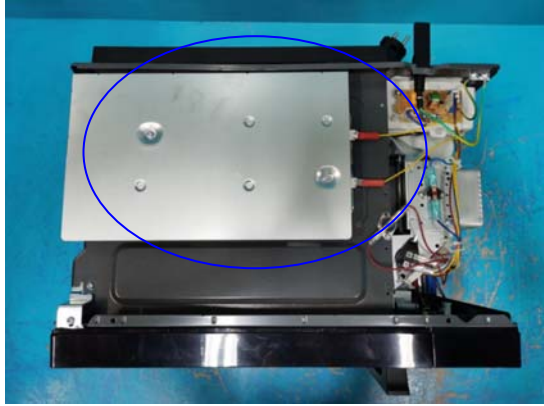
For models D90D23EL-B8/H(E17), D90D23EL-B8G/H(E17), D90D23ESL-B8/H(E17), D90D23ESL-B8G/H(E17), D90D23ETL-B8/H(E17), D90D23ETL-B8G/H(E17) which are same as D90D23EL-B8(E17), D90D23EL-B8G(E17), D90D23ESL-B8(E17), D90D23ESL-B8G(E17), D90D23ETL-B8(E17), D90D23ETL-B8G(E17) except for model name.

For H.V. system, the appliance has two kinds of alternative construction, details as below:

Item	Photo	Remark
Construction 1		With High voltage fuse
Alternative construction 2		High voltage fuse is mutually exclusive to thermal protectors in applications

For the metal cover of heating element of Electric control models, the appliance has two kinds of

alternative construction, details as below:

Item	Photo
Construction 1	
Alternative construction 2	

For relevant test, see 'summary of test'.

Amendment 1 report:

The original test report Ref. no GZES230500991101, dated 2023-06-26 was amended on 2023-08-25 to include the following additions and changes, which were considered technical modifications:

1. Add new models D90D23EL-CH(E17), D90D23ESL-CH(E17) and D90D23ETL-CH(E17), which were same as original model D90D23EL-CG(E17) except for appearances of door surface and control panel PCB, detail see photo document.

For relevant test, see 'summary of test'.

IEC 60335-2-9 & IEC 60335-2-25			
Clause	Requirement - Test	Result - Remark	Verdict
7	MARKING AND INSTRUCTIONS		--
7.10	Indications of switches on stationary appliances and controls on all appliances by use of figures, letters or other visual means :	See photo document	P
	This applies also to switches which are part of a control		P
	If figures are used, the off position indicated by the figure 0		N/A
	The figure 0 indicates only OFF position, unless no confusion with the OFF position		N/A
8	PROTECTION AGAINST ACCESS TO LIVE PARTS		--
8.1	Adequate protection against accidental contact with live parts		P
8.1.1	Requirement applies for all positions, detachable parts removed		P
	Lamps behind a detachable cover not removed, if conditions met		N/A
	Insertion or removal of lamps, protection against contact with live parts of the lamp cap		N/A
	Use of test probe B of IEC 61032, with a force not exceeding 1 N: no contact with live parts		P
	Use of Test probe 18 of IEC 61032 applied to parts that are accessible when the oven is operated in normal use: no contact with live parts (IEC 60335-2-25)		P
	For toasters having a crumb tray : use of test probe 41 of IEC 61032 : no contact through crumb tray with live parts that are disconnected by double pole switch using (IEC 60335-2-9)		N/A
8.1.2	Use of test probe 13 of IEC 61032, with a force not exceeding 1 N, through openings in class 0 appliances and class II appliances/constructions: no contact with live parts		P
	Test probe 13 also applied through openings in earthed metal enclosures having a non-conductive coating: no contact with live parts		P
8.1.3	For appliances other than class II, use of test probe 41 of IEC 61032, with a force not exceeding 1 N: no contact with live parts of visible glowing heating elements		P
	For a single switching action obtained by a switching device, requirements as specified		N/A

IEC 60335-2-9 & IEC 60335-2-25			
Clause	Requirement - Test	Result - Remark	Verdict
	For appliances with a supply cord and without a switching device, the single switching action may be obtained by the withdrawal of the plug		N/A
	For toasters it is not necessary for the heating element switching device to provide full disconnection or meet the clearances for full disconnection specified in 20.1.5.3 of IEC 61058-1:2000 obtained from Table 22 of IEC 61058-1:2000. (IEC 60335-2-9)		N/A
8.1.4	Accessible part not considered live if:		--
	- safety extra-low a.c. voltage: peak value not exceeding 42.4 V	12,5 V for control panel	P
	- safety extra-low d.c. voltage: not exceeding 42.4 V		N/A
	- or separated from live parts by protective impedance		N/A
	If protective impedance: d.c. current not exceeding 2 mA, and		N/A
	a.c. peak value not exceeding 0.7 mA		N/A
	- for peak values over 42.4 V up to and including 450 V, capacitance not exceeding 0,1 μ F		N/A
	- for peak values over 450 V up to and including 15 kV, discharge not exceeding 45 μ C		N/A
	- for peak values over 15kV, the energy in the discharge not exceeding 350 mJ		N/A
8.1.5	Live parts protected at least by basic insulation before installation or assembly:		--
	- built-in appliances		N/A
	- fixed appliances		N/A
	- appliances delivered in separate units		N/A
8.2	Class II appliances and constructions constructed so that there is adequate protection against accidental contact with basic insulation and metal parts separated from live parts by basic insulation only		P
	Only possible to touch parts separated from live parts by double or reinforced insulation		P
	Use of Test probe 18 of IEC 61032 applied to parts that are accessible when the oven is operated in normal use (IEC 60335-2-25)		P
21	MECHANICAL STRENGTH		--

IEC 60335-2-9 & IEC 60335-2-25			
Clause	Requirement - Test	Result - Remark	Verdict
21.1	Appliance has adequate mechanical strength and is constructed as to withstand rough handling		P
	Checked by applying 3 blows to every point of the enclosure like to be weak, in accordance with test Ehb of IEC 60068-2-75, spring hammer test, with an impact energy of 0,5 J	(see appended table)	P
	The appliance shows no damage impairing compliance with this standard, and		P
	compliance with 8.1, 15.1 and clause 29 not impaired		P
	If doubt, supplementary or reinforced insulation subjected to the electric strength test of 16.3		N/A
	If necessary, repetition of groups of three blows on a new sample		N/A
	For appliances intended for outdoor use, the impact energy is 0.7J (IEC 60335-2-9)		N/A
	Appliances incorporates visibly glowing heating elements the blows are applied to the tubes without removing any heater guards as mounted in the appliance if they are: (IEC 60335-2-9)		--
	-located at the top of the oven and accessible to test probe 41 of IEC 61032;		P
	-located elsewhere in the oven and accessible to test probe B of IEC 61032.		N/A
	For hotplates with surfaces of glass-ceramic or similar, three blows applied to parts surfaces not exposed to the test of 21.101, impact energy 0,7 J (IEC 60335-2-9).		N/A
21.101	Surfaces of hotplates of glass-ceramic or similar material withstand the stresses liable to occur in normal use, under test conditions as specified (IEC 60335-2-9).		N/A
	After the tests, surface of hotplate not broken.		N/A
	Appliance shall withstand dielectric strength test of 16.3		N/A
	Operating of the door, as specified spring balance with spring constant of 1,05N/mm: (IEC 60335-2-25)		--
	- opening operation: 5times; force of 35N		P
	- opening operation for stationary ovens and ovens for building-in: 5times; force of 1,5times the force to open the door or 65N, whichever is the greater. Force:		P
	- closing operation: 10times; force of 90N		P

IEC 60335-2-9 & IEC 60335-2-25			
Clause	Requirement - Test	Result - Remark	Verdict
	Test according to 32	3,2 W/m ² (limit: 50 W/m ²)	P
21.102	Hinged door test, as specified (IEC 60335-2-25)		--
	Side-hinged door: 5times; applied force (N): max. 140N :		P
	Bottom-hinged door: 15min; applied force (N): max. 140N :		N/A
	Test according to 32	3,4 W/m ² (limit: 50 W/m ²)	P
21.103	Hinged door: wooden cube test on each corner as specified (force of 90N for 5s) (IEC 60335-2-25)		--
	Test according to 32	3,5 W/m ² (limit: 50 W/m ²)	P
21.104	Steel ball (diameter of 50 mm, 0,5 kg) test as specified, each impact with an energy of 3 J (IEC 60335-2-25):		--
	3impacts outside, inside and on the seal surface		P
	Bottom-hinged door: 3 more impacts on door seal		N/A
	A bottom-hinged door is further tested by subjecting its seal to three similar impacts		N/A
	Test according to 32		P
	Appliance comply with clause 32 (IEC 60335-2-25)	4,3 W/m ² (limit: 50 W/m ²)	P
22	CONSTRUCTION		--
22.11	Reliable fixing of non-detachable parts that provide the necessary degree of protection against electric shock, moisture or contact with moving parts		P
	Obvious locked position of snap-in devices used for fixing such parts		N/A
	No deterioration of the fixing properties of snap-in devices used in parts that are likely to be removed during installation or servicing		N/A
	Tests as described	Control panel, enclosure, knob	P
22.12	Handles, knobs etc. fixed in a reliable manner, if loosening result in a hazard		P
	Removing or fixing in wrong position of handles, knobs etc. indicating position of switches or similar components not possible, if resulting in a hazard		P
	A choking hazard does not apply to appliances for commercial use		N/A
	Axial force 15 N applied to parts, the shape being so that an axial pull is unlikely to be applied		N/A
	Axial force 30 N applied to parts, the shape being so that an axial pull is likely to be applied		P

IEC 60335-2-9 & IEC 60335-2-25			
Clause	Requirement - Test	Result - Remark	Verdict
	If the part is removed and can be contained within the small parts cylinder, it is considered to be a choking hazard		N/A
22.107	Hotplate constructed so that heating elements are prevented from rotating about a vertical axis and are adequately supported in all positions of adjustment of their supports. (IEC 60335-2-9)		N/A
	If a heating element is clamped by a nut on a central stud, an additional means is required to prevent its rotation.		N/A
	Failure of any single component affecting the operation of a door interlock does not cause any other interlock to become inoperative, unless appliance rendered inoperable (IEC 60335-2-25)		P
22.109	Hotplate incorporating touch controls constructed so that at least two manual operations are requested to switch on a heating element but only one to switch it off (IEC 60335-2-9)		N/A
	No undue microwave leakage by thin material introduced between door and mating surface (IEC 60335-2-25)	4,8 W/m ²	P
22.110	Induction hotplates constructed so that they can only be operated with a suitable vessel placed on the cooking zone (IEC 60335-2-9)		N/A
	Temperature rise of iron not exceeding 35K (IEC 60335-2-9)		N/A
	Door seal contamination by food residues does not cause undue microwave leakage (IEC 60335-2-25)	4,2 W/m ²	P
22.111	Heating element in breadmakers located so they are not exposed to dough that they may rise over the edge of the dough container during normal use of the appliance (IEC 60335-2-9)		N/A
	No undue microwave leakage if door corners subjected to mechanical distortion of max. 40N (IEC 60335-2-25)		P
	during the test: energy flux density not exceed 100W/m ²	3,9 W/m ²	P
	after removing the force: compliance with clause 32	3,9 W/m ²	P
29	CLEARANCES, CREEPAGE DISTANCES AND SOLID INSULATION		--
29.1.3	Clearances of reinforced insulation not less than those specified for basic insulation in table 16, using the next higher step for rated impulse voltage :	(see appended table)	P

IEC 60335-2-9 & IEC 60335-2-25			
Clause	Requirement - Test	Result - Remark	Verdict
	For double insulation, with no intermediate conductive part between basic and supplementary insulation, clearances are measured between live parts and the accessible surface, and the insulation system is treated as reinforced insulation		P
29.1.4	Clearances for functional insulation are the largest values determined from:		--
	- table 16 based on the rated impulse voltage :	(see appended table)	P
	- table F.7a in IEC 60664-1, frequency not exceeding 30 kHz		N/A
	- clause 4 of IEC 60664-4, frequency exceeding 30 kHz		N/A
	If values of table 16 are largest, the impulse voltage test of clause 14 may be applied instead, unless		N/A
	the microenvironment is pollution degree 3, or		N/A
	the distances can be affected by wear, distortion, movement of the parts or during assembly		P
	However, clearances are not specified if the appliance complies with clause 19 with the functional insulation short-circuited		P
	Lacquered conductors of windings considered to be bare conductors		P
	However, clearances at crossover points are not measured		P
	Clearance between surfaces of PTC heating elements may be reduced to 1mm		N/A
29.2.3	Creepage distances of reinforced insulation at least double those specified for basic insulation in table 17, or :	(see appended table)	P
	Table 2 of IEC 60664-4, as applicable :		N/A
29.2.4	Creepage distances of functional insulation not less than specified in table 18..... :	(see appended table)	P
	However, if the working voltage is periodic and has a frequency exceeding 30 kHz, the creepage distances are also determined from table 2 of IEC 60664-4, these values being used if exceeding the values in table 18 :		N/A
	Creepage distances may be reduced if the appliance complies with clause 19 with the functional insulation short-circuited		P

IEC 60335-2-9 & IEC 60335-2-25			
Clause	Requirement - Test	Result - Remark	Verdict

24.1	TABLE: Critical components information					P
Object / part No.	Manufacturer/ trademark	Type / model	Technical data	Standard	Mark(s) of conformity ¹	
Fan motor	Galanz	GAL6313EQ-ZD	AC 220-240V 50/60Hz, Class F	IEC/EN 60335-1 IEC/EN 60335-2-9 IEC/EN 60335-2-25	Tested with appliance	
Alt. (Only for electrical models)	Galanz	GAL6309E-ZD	AC 220-240V, 50/60Hz, Class B	IEC/EN 60335-1 IEC/EN 60335-2-9 IEC/EN 60335-2-25	Tested with appliance	
Turntable motor	Galanz	SM-16E(F)	AC 220-240 V, 3 W, 50/60Hz, Class F	IEC/EN 60335-1 IEC/EN 60335-2-9 IEC/EN 60335-2-25	Tested with appliance	
Timer	Galanz	TMH30MU02E	Motor: AC220/240V, 50Hz, Class E, Contact: SW1-2: AC 250 V, 15 A, SW2-3: AC 250 V, 8 A	IEC 60730-2-7: 2013 + A1: 2015 EN 60730-2-7: 2010	170720097G ZU-001	
Heater	Galanz	GA	115V, 450W x 2	IEC/EN 60335-1 IEC/EN 60335-2-9 IEC/EN 60335-2-25	Tested with appliance	
High voltage capacitor	Ningbo Bica Industry Co., Ltd.	CH85 21100	AC 2100 V, T85 1,0uF, 50/60Hz	IEC 61270-1: 1996 EN 61270-1: 1996	VDE 138073	
Alt.	Anhui Juan kuang Electric Co., Ltd	CH85	AC 2100 V, T85 1,0uF, 50/60Hz	IEC 61270-1: 1996 EN 61270-1: 1996	VDE 40041452	
H.V. diode	Nantong Gaoxin Electronic Co Ltd	CL04-12	FVD:12V, AFC: 450mA, RBV:12KVDC	IEC/EN 60335-1 IEC/EN 60335-2-9 IEC/EN 60335-2-25	Tested with appliance	
Alt.	RugaoDachang Electronics Co., Ltd.	CL04-12	FVD: 12V AFC: 450mA RBV: 12KVDC	IEC/EN 60335-1 IEC/EN 60335-2-9 IEC/EN 60335-2-25	Tested with appliance	
High voltage fuse	Shanghai Songshan Electronic Co.,Ltd	GERF1-40	AC 5KV, 0,8A	IEC 60127-1: 2006 + A1: 2011 + A2: 2015 IEC 60127-3: 2015 + A1: 2020 EN 60127-1: 2006 + A1: 2011 + A2: 2015 EN 60127-2: 2014 + A1: 2020	TÜV Rd J 50099362	

IEC 60335-2-9 & IEC 60335-2-25					
Clause	Requirement - Test		Result - Remark		Verdict
Alt.	Shanghai Songshan Electronic Co.,Ltd	GERF-IV	AC 5KV, 0,8A	IEC 60127-1: 2006 + A1: 2011 + A2: 2015 IEC 60127-3: 2015 + A1: 2020 EN 60127-1: 2006 + A1: 2011 + A2: 2015 EN 60127-2: 2014 + A1: 2020	TÜV Rd J 50099362
Alt.	Dongguan Better Electronic Technology Co., Ltd.	HV or 722	AC 5KV, 0,8A	IEC 60127-1: 2006 + A1: 2011 + A2: 2015 IEC 60127-3: 2015 + A1: 2020 EN 60127-1: 2006 + A1: 2011 + A2: 2015 EN 60127-2: 2014 + A1: 2020	TÜV Rd J 50136139
Alt.	Orisel Co., Ltd	T.H.V. 060T	AC 5000V, 0,8A	IEC 60127-1: 2006 + A1: 2011 + A2: 2015 IEC 60127-3: 2015 + A1: 2020 EN 60127-1: 2006 + A1: 2011 + A2: 2015 EN 60127-2: 2014 + A1: 2020	TÜV Rd R 9454138
Alt.	Shanghai Songshan Electronics Co., Ltd	GERF-VII	AC 5KV 0,8A	IEC 60127-1: 2006 + A1: 2011 + A2: 2015 IEC 60127-3: 2015 + A1: 2020 EN 60127-1: 2006 + A1: 2011 + A2: 2015 EN 60127-2: 2014 + A1: 2020	TÜV Rd J 50099362
H.V. transformer	Galanz	GAL-900E-4	AC 230-240V, 50Hz, Class 220	IEC/EN 60335-1 IEC/EN 60335-2-9 IEC/EN 60335-2-25	Tested with appliance
Thermal cut-out on H,V, transformer (High voltage fuse and Double diode are mutually exclusive to thermal protectors in applications)	Jiangsu YitongControlSystemCo., Ltd.	17AM***	AC250V 10A Tf170	IEC 60730-2-9: 2015 + A1: 2018 IEC 60730-1: 2013 + A1: 2015 EN 60730-2-9: 2019 + A1: 2019 EN 60730-1: 2016 + A1: 2019	TUV Rd R50286149

IEC 60335-2-9 & IEC 60335-2-25					
Clause	Requirement - Test			Result - Remark	Verdict
Alt.	ChangShu Xin DuAn Electric Co., Ltd	17AM-x	AC250V 10A Tf170	IEC 60730-2-9: 2015 + A1: 2018 IEC 60730-1: 2013 + A1: 2015 EN 60730-2-9: 2019 + A1: 2019 EN 60730-1: 2016 + A1: 2019	TUV Rd R 50350788
Alt.	Jiangsu Engfee Electric Appliance Technology Co.,Ltd.	C17AM 17AM	AC250V,9A, Tf170, 1E4	IEC 60730-2-9: 2015 + A1: 2018 IEC 60730-1: 2013 + A1: 2015 EN 60730-2-9: 2019 + A1: 2019 EN 60730-1: 2016 + A1: 2019	TUV Rd R 50423923
Alt.	Changzhou Changyue Electric Co., Ltd.	17AMG170A5	AC250V,16A, Tf170, 1E4	IEC 60730-2-9: 2015 + A1: 2018 IEC 60730-1: 2013 + A1: 2015 EN 60730-2-9: 2019 + A1: 2019 EN 60730-1: 2016 + A1: 2019	TUV SUD N8A 004648 0002
Lamp holder	Yuyao Changhong Electric	E14-A	AC 250V, 2A, T170	IEC 60238: 2016 EN 60238: 2018 + A1: 2018	VDE 40004460
Alt.	Zhejiang Heye Electronics Co., Ltd	HY-01, HY-02, HY-03	AC 250V, 2A, E14, T170	IEC 60238: 2016 EN 60238: 2018 + A1: 2018	TUV Rd R 50149232
Lamp holder (Integrated lamp)	Deqing New Minghui Electric Lighting Co.,Ltd.	Z187	AC 250 V, 2A Lamp:230V 20W	IEC/EN 60335-1 IEC/EN 60335-2-9 IEC/EN 60335-2-25	Tested with appliance
Alt.	Ningbo Jiahong Lighting And Technology Co Ltd	Z187	AC 250 V, 2A Lamp:230V 20W	IEC/EN 60335-1 IEC/EN 60335-2-9 IEC/EN 60335-2-25	Tested with appliance
Alt.	Deqing Dinghui Lighting Co.,Ltd.	F-E14	AC 250 V, 2A Lamp:230V 20W	IEC/EN 60335-1 IEC/EN 60335-2-9 IEC/EN 60335-2-25	Tested with appliance
Alt.	Deqing Xinjiyuan Appliance Lighting Co.,Ltd.	F-E14	AC 250 V, 2A Lamp:230V 20W	IEC/EN 60335-1 IEC/EN 60335-2-9 IEC/EN 60335-2-25	Tested with appliance
Alt.	Dongguan HeYu Lighting Products Co., Ltd.	Z187	AC 250 V, 2A Lamp:230V 20W	IEC/EN 60335-1 IEC/EN 60335-2-9 IEC/EN 60335-2-25	Tested with appliance

IEC 60335-2-9 & IEC 60335-2-25					
Clause	Requirement - Test		Result - Remark		Verdict
Alt. (Integrated LED lamp)	Deqing New Minghui Electric Lighting Co.,Ltd.	Z187	Holder:250V2A T170 LED Lamp:230V 1W	IEC/EN 60335-1 IEC/EN 60335-2-9 IEC/EN 60335-2-25	Tested with appliance
Alt. (Integrated LED lamp)	MLS CO., LTD	Z187	Holder:250V 2A T170 LED Lamp:230V 1W	IEC/EN 60335-1 IEC/EN 60335-2-9 IEC/EN 60335-2-25	Tested with appliance
Alt. (Integrated LED lamp)	Deqing New Minghui Electric Lighting Co.,Ltd.	Z187	Holder:250V2A T170 LED Lamp:230V 1.5W	IEC/EN 60335-1 IEC/EN 60335-2-9 IEC/EN 60335-2-25	Tested with appliance
Alt. (Integrated LED lamp)	MLS CO., LTD	Z187	Holder:250V 2A T170 LED Lamp:230V 1.5W	IEC/EN 60335-1 IEC/EN 60335-2-9 IEC/EN 60335-2-25	Tested with appliance
Magnetron	Galanz	M24FB-610A	PO : 900 W, FO : 2450-2470 MHz	IEC/EN 60335-1 IEC/EN 60335-2-9 IEC/EN 60335-2-25	Tested with appliance
Micro switch (latch switch /monitor switch)	Galanz	W-15-302C W-15-102C	AC 250V, 15A, T105,5E4	IEC 61058-1: 2016 IEC 61058-1-1: 2016 EN 61058-1: 2018 EN 61058-1-1: 2016	TUV Rd R 50181337
Alt.	Yueqing Tongda	HK-14	AC 250 V, 16 A, T125, 50E3	IEC 61058-1: 2016 IEC 61058-1-1: 2016 EN 61058-1: 2018 EN 61058-1-1: 2016	VDE 40027032
Alt.	Shanghai Qiaoh Industry Co., Ltd.	V-J	AC 250V,16A,T125, 5E4	IEC 61058-1: 2016 IEC 61058-1-1: 2016 EN 61058-1: 2018 EN 61058-1-1: 2016	UL ENEC- 00074-A3
Plastic Control Panel	CHI MEI corporation	ABS PA-777D	94HB	IEC/EN 60335-1 IEC/EN 60335-2-9 IEC/EN 60335-2-25	UL E56070 Tested with appliance
Alt.	LG CHEMICAL LTD	ABS HI121H	94HB	IEC/EN 60335-1 IEC/EN 60335-2-9 IEC/EN 60335-2-25	UL E67171 Tested with appliance
Alt.	LG CHEMICAL LTD	ABS AF312C	94-V0	IEC/EN 60335-1 IEC/EN 60335-2-9 IEC/EN 60335-2-25	UL E67171 Tested with appliance
Alt.	LG CHEM LTD	ABS AF327(&)	94-V0	IEC/EN 60335-1 IEC/EN 60335-2-9 IEC/EN 60335-2-25	UL E67171 Tested with appliance
Alt.	Silver Age Engineering Plastics(Dongguan) Co Ltd	ABS 3360	94-V0	IEC/EN 60335-1 IEC/EN 60335-2-9 IEC/EN 60335-2-25	UL E225348 Tested with appliance

IEC 60335-2-9 & IEC 60335-2-25					
Clause	Requirement - Test			Result - Remark	Verdict
Alt.	Super-Dragon Engineering Plastics Co Ltd	ABS FRABS410	94-V0	IEC/EN 60335-1 IEC/EN 60335-2-9 IEC/EN 60335-2-25	UL E201164 Tested with appliance
Alt.	LG CHEM LTD	ABS AF365(&)	94V-0	IEC/EN 60335-1 IEC/EN 60335-2-9 IEC/EN 60335-2-25	UL E67171 Tested with appliance
Alt.	Super-Dragon Engineering Plastics Co Ltd	ABS 810	94V-0	IEC/EN 60335-1 IEC/EN 60335-2-9 IEC/EN 60335-2-25	UL E201164 Tested with appliance
Alt.	LG CHEM LTD	ABS XR404(#)	94V-0	IEC/EN 60335-1 IEC/EN 60335-2-9 IEC/EN 60335-2-25	UL E67171 Tested with appliance
Alt.	TORAY INDUSTRIES INC	ABS 440Y	94V-0	IEC/EN 60335-1 IEC/EN 60335-2-9 IEC/EN 60335-2-25	UL E41797 Tested with appliance
Plastic door cover	CHI MEI corporation	ABS PA-777D	94HB	IEC/EN 60335-1 IEC/EN 60335-2-9 IEC/EN 60335-2-25	UL E56070 Tested with appliance
Alt.	LG CHEMICAL LTD	ABS HI121H	94HB	IEC/EN 60335-1 IEC/EN 60335-2-9 IEC/EN 60335-2-25	UL E67171 Tested with appliance
Plastic material supporting micro switch	Guangzhou Keyuan Innovative Materials Co Ltd	PBT301-G20	94-V0	IEC/EN 60335-1 IEC/EN 60335-2-9 IEC/EN 60335-2-25	UL E201440 Tested with appliance
Alt.	Guangdong Rynon New Material Co., Ltd	PBT-V3020	94V-0	IEC/EN 60335-1 IEC/EN 60335-2-9 IEC/EN 60335-2-25	UL E246958 Tested with appliance
Alt.	Guang Dong High & New Plastic CoLtd	PBT FR-301	94-V0	IEC/EN 60335-1 IEC/EN 60335-2-9 IEC/EN 60335-2-25	UL E227341 Tested with appliance
Alt.	Guang Dong High & New Plastic CoLtd	PP FR-101	94-V0	IEC/EN 60335-1 IEC/EN 60335-2-9 IEC/EN 60335-2-25	ULE227341 Tested with appliance
Alt.	POLYROCKS CHEMICAL CO.LTD	PP-5000(f1)	94-V0	IEC/EN 60335-1 IEC/EN 60335-2-9 IEC/EN 60335-2-25	UL E340831 Tested with appliance
Alt.	SUPER-DRAGONENGINEERING PLASTICS COLTD	PBTFG430	94V-0	IEC/EN 60335-1 IEC/EN 60335-2-9 IEC/EN 60335-2-25	UL E201164 Tested with appliance
Alt.	Shanghai Kumho Sunny Plastics Co Ltd	PBT37Y0FG-NH	94V-0	IEC/EN 60335-1 IEC/EN 60335-2-9 IEC/EN 60335-2-25	UL E254819 Tested with appliance

IEC 60335-2-9 & IEC 60335-2-25					
Clause	Requirement - Test			Result - Remark	Verdict
Plastic supporting frame (fan motor & noise filter board)	Guang Dong High & New Plastic CoLtd	PP FR-101	94-V0	IEC/EN 60335-1 IEC/EN 60335-2-9 IEC/EN 60335-2-25	ULE227341 Tested with appliance
Alt.	POLYROCKS CHEMICAL CO.LTD	PP-5000(f1)	94-V0	IEC/EN 60335-1 IEC/EN 60335-2-9 IEC/EN 60335-2-25	UL E340831 Tested with appliance
Plastic of heat shield	Guangdong Shunde Hones Polymer Material Co., Ltd	PBT007(HS-PBTGF-BK20A)	94HB	IEC/EN 60335-1 IEC/EN 60335-2-9 IEC/EN 60335-2-25	Tested with appliance
Plug	Galanz	GAL-01V	AC 250 V, 16 A	DIN VDE 0620-2-1: 2016 + A1: 2017	KEMA 4323022.01
Alt.	Guangdong Huasheng Electrical Appliances Co., Ltd.	CT-104	AC 250 V, 16 A	DIN VDE 0620-2-1: 2016 + A1: 2017	VDE 40006002
Alt.	Unirise Electric Wire & Cable Co.,Ltd	UE-312	AC 250 V, 16 A	DIN VDE 0620-2-1: 2016 + A1: 2017	VDE 40013356
Alt.	Guangdong Rifeng Electrical Cable Co., Ltd.	RF-01	AC 250 V, 16 A	DIN VDE 0620-2-1: 2016 + A1: 2017	VDE 40026780
Alt.	Shenzhen Tongyuan Industrial Co., Ltd.	TY-E301A	AC 250 V, 16 A	DIN VDE 0620-2-1: 2016 + A1: 2017	VDE 40029748
Alt.	Mainland Wire & Cable Co., Ltd.	ML-302	AC 250 V, 16 A	DIN VDE 0620-2-1: 2016 + A1: 2017	VDE 40012805
Alt.	Guangdong Xiongrun Electrical Co.,Ltd.	XR-322	AC 250 V, 16 A	DIN VDE 0620-2-1: 2016 + A1: 2017	VDE 40006857
Alt.	I-Sheng Electric Wire & Cable Co.,Ltd	SP-023	AC 250 V, 16 A	DIN VDE 0620-2-1: 2016 + A1: 2017	VDE 40013796
Alt.	Dongguan Yuxin Wire & Cable Co., Ltd.	YX-201	AC 250 V, 16 A	DIN VDE 0620-2-1: 2016 + A1: 2017	VDE 40001445
Alt.	Friendship Enterprises International Ltd.	FE-03P	AC 250 V, 16 A	DIN VDE 0620-2-1: 2016 + A1: 2017	VDE 40021547

IEC 60335-2-9 & IEC 60335-2-25					
Clause	Requirement - Test		Result - Remark		Verdict
Alt.	Guangdong Galanz Electric Fittings Manufacturing Co., Ltd	GAL-01V	AC 250 V, 16 A	DIN VDE 0620-2-1: 2016 + A1: 2017	VDE 40051950
BS plug	Galanz	GAL-01B	AC 250V, w/approved 13A current fuse	BS 1363-1: 2016 + A1: 2018	TUV Rd R50496707
Alt.	Unirise Electric Wire & Cable Co., Ltd	UE-324	AC 250V, w/approved 13A current fuse	BS 1363-1: 2016 + A1: 2018	ASTA NO.941
Alt.	Guangdong Huasheng Electrical Appliances Co., Ltd.	CT-307	AC 250V, w/approved 13A current fuse	BS 1363-1: 2016 + A1: 2018	ASTA NO.885
Alt.	Mainland Wire & Cable Co., Ltd.	ML-313	AC 250V, w/approved 13A current fuse	BS 1363-1: 2016 + A1: 2018	ASTA NO.876
Alt.	Guangdong Xiongrun Electrical Co., Ltd.	XR-318A	AC 250V, w/approved 13A current fuse	BS 1363-1: 2016 + A1: 2018	ASTA NO.737
Alt.	I-SHENG Electric Wire & Cable Co., Ltd	SP-60	AC 250V, w/approved 13A current fuse	BS 1363-1: 2016 + A1: 2018	ASTA NO.250
Alt.	Dongguan Yuxin Wire & Cable Co., Ltd.	YX-901	AC 250V, w/approved 13A current fuse	BS 1363-1: 2016 + A1: 2018	ASTA NO.1158
Alt.	Shenzhen Tongyuan Industrial Co., Ltd.	TY-UK302	AC 250V, w/approved 13A current fuse	BS 1363-1: 2016 + A1: 2018	ASTA NO.1083
Alt.	Friendship Enterprises International Ltd.	FE-130P	AC 250V, w/approved 13A current fuse	BS 1363-1: 2016 + A1: 2018	ASTA NO.1307
Alt.	Friendship Enterprises International Ltd.	FE-129P	AC 250V, w/approved 13A current fuse	BS 1363-1: 2016 + A1: 2018	ASTA NO.1293
Alt.	I-SHENG Electric Wire & Cable Company Limited	SP-65	AC 250V, w/approved 13A current fuse	BS 1363-1: 2016 + A1: 2018	ASTA NO.1268
Alt.	Guangdong Galanz Enterprises co., Ltd	GAL-01R	AC 250V, w/approved 13A current fuse	BS 1363-1: 2016+A1: 2018	ASTA NO.1341

IEC 60335-2-9 & IEC 60335-2-25					
Clause	Requirement - Test		Result - Remark		Verdict
Swiss plug	Guangdong Huasheng Electrical Appliances Co., Ltd.	CT-110	AC 250 V, 10 A	SEV 6534-2 IEC 60884-1	ESTI 14.0687
Alt.	Unirise Electric Wire & Cable Co.,Ltd	UE-345	AC 250 V, 10 A	SEV 6534-2 IEC 60884-1	ESTI 21.0655
Alt.	Mainland Wire & Cable Co.,Ltd.	ML-317	AC 250 V, 10 A	SEV 6534-2 IEC 60884-1	ESTI 20.0310
Alt.	Guangdong Xiongrun Electrical Co.,Ltd.	XR-313	AC 250 V, 10 A	SEV 6534-2 IEC 60884-1	ESTI 20.0120
Alt.	I-SHENG Electric Wire & Cable Co.,Ltd	SP-027C	AC 250 V, 10 A	SEV 6534-2 IEC 60884-1	ESTI 21.0335
Alt.	Dongguan Yuxin Wire & Cable Co., Ltd.	YX-SEV01	AC 250 V, 10 A	SEV 6534-2 IEC 60884-1	ESTI 15.0731
Alt.	Friendship Enterprises International Ltd	FE-119P	AC 250 V, 10 A	SEV 6534-2 IEC 60884-1	ESTI 21.0459
Power cord	Dongguan Yuxin Wire & Cable Co.,Ltd.	H05RR-F H05RN-F	3G 1,0mm ² or 3G 0,75mm ² (Length < 2 m)	IEC 60227-5: 2011 EN 50525-2-11: 2011	VDE 40026945
Alt.	Hui Zhou Mainland Electric Wire & Cable Co Ltd	H05RR-F H05RN-F	3G 1,0mm ² or 3G 0,75mm ² (Length < 2 m)	IEC 60227-5: 2011 EN 50525-2-11: 2011	VDE 40026038
Alt.	Guangdong Rifeng Wire & Cable Co.,Ltd.	H05RR-F H05RN-F	3G 1,0mm ² or 3G 0,75mm ² (Length < 2 m)	IEC 60227-5: 2011 EN 50525-2-11: 2011	VDE 40015999
Alt.	Guangdong Huasheng Electrical Appliances Co., Ltd.	H05RR-F H05RN-F	3G 1,0mm ² or 3G 0,75mm ² (Length < 2 m)	IEC 60227-5: 2011 EN 50525-2-11: 2011	VDE 40016788
Alt.	Unirise Electric Wire & Cable Co.,Ltd	H05RR-F H05RN-F	3G 1,0mm ² or 3G 0,75mm ² (Length < 2 m)	IEC 60227-5: 2011 EN 50525-2-11: 2011	VDE 40044005
Alt.	I-Sheng Electric Wire & Cable Co.,Ltd	H05RR-F H05RN-F	3G 1,0mm ² or 3G 0,75mm ² (Length < 2 m)	IEC 60227-5: 2011 EN 50525-2-11: 2011	VDE 40014085
Alt.	Guangdong Xiongrun Electrical Co.,Ltd.	H05RR-F H05RN-F	3G 1,0mm ² or 3G 0,75mm ² (Length < 2 m)	IEC 60227-5: 2011 EN 50525-2-11: 2011	VDE 40044694

IEC 60335-2-9 & IEC 60335-2-25					
Clause	Requirement - Test			Result - Remark	Verdict
Alt.	Guangzhou Panyu Cable Group Co.,Ltd	H05RR-F H05RN-F	3G 1,0mm ² or 3G 0,75mm ² (Length < 2 m)	IEC 60227-5: 2011 EN 50525-2-11: 2011	VDE 40033315
Alt.	Ningbo Light-Heavy Electronics Technology Co., Ltd	H05RR-F H05RN-F	3G 1,0mm ² or 3G 0,75mm ² (Length < 2 m)	IEC 60227-5: 2011 EN 50525-2-11: 2011	VDE 40024301
Internal wire to H.V. transformer	Qian Li Ma	3239	60000V 200°C	IEC/EN 60335-1 IEC/EN 60335-2-9 IEC/EN 60335-2-25	UL E204933 Tested with appliance
Alt.	NIZING ELECTRIC CO LTD	3239	60000V 200°C	IEC/EN 60335-1 IEC/EN 60335-2-9 IEC/EN 60335-2-25	UL E215834 Tested with appliance
Alt.	Yang Tai Wire & Cable Co Ltd	3239	60000V,200°C	IEC/EN 60335-1 IEC/EN 60335-2-9 IEC/EN 60335-2-25	UL E214859 Tested with appliance
Alt.	HANSTAR FLUORO-PLASTIC INSULATED ELECTRIC WIRES	3239	60000V,200°C	IEC/EN 60335-1 IEC/EN 60335-2-9 IEC/EN 60335-2-25	UL E159007 Tested with appliance
Alt.	Guangzhou FengtaiMeihua Cable Co Ltd	3239	60000V,200°C	IEC/EN 60335-1 IEC/EN 60335-2-9 IEC/EN 60335-2-25	UL E204798 Tested with appliance
Internal wire	Linoya Electronic Technology Co Ltd	1015	18-22AWG, 600V, 105°C	IEC/EN 60335-1 IEC/EN 60335-2-9 IEC/EN 60335-2-25	UL E315619 Tested with appliance
Alt.	Weihai Hong Lin Electronic Co Ltd	1015	18-22AWG, 600V, 105°C	IEC/EN 60335-1 IEC/EN 60335-2-9 IEC/EN 60335-2-25	UL E239426 Tested with appliance
Alt.	Zhongshan Qi Liang Wire Mfr Co Ltd	1015	18-22AWG, 600V, 105°C	IEC/EN 60335-1 IEC/EN 60335-2-9 IEC/EN 60335-2-25	UL E320362 Tested with appliance
Alt.	ZhongshanFuyuantong Wire & Cable Co Ltd	1015	18-22AWG, 600V, 105°C	IEC/EN 60335-1 IEC/EN 60335-2-9 IEC/EN 60335-2-25	UL E241989 Tested with appliance
Alt.	Zhongshan City Liangyu Wire And Cable Co Ltd	1015	18-22AWG, 600V, 105°C	IEC/EN 60335-1 IEC/EN 60335-2-9 IEC/EN 60335-2-25	UL E340038 Tested with appliance
Alt.	Dongguan City Futai Electronic Technology Co.,Ltd	1015	18-22AWG, 600V, 105°C	IEC/EN 60335-1 IEC/EN 60335-2-9 IEC/EN 60335-2-25	UL E314597 Tested with appliance
Alt.	Zhongshan Yong Rol Electric Co Ltd	1015	18-22AWG, 600V, 105°C	IEC/EN 60335-1 IEC/EN 60335-2-9 IEC/EN 60335-2-25	UL E204893 Tested with appliance

IEC 60335-2-9 & IEC 60335-2-25					
Clause	Requirement - Test		Result - Remark		Verdict
Alt.	ZhongshanXins heng Electric Co Ltd	1015	18-22AWG, 600V, 105°C	IEC/EN 60335-1 IEC/EN 60335-2-9 IEC/EN 60335-2-25	UL E328303 Tested with appliance
Alt.	Jiangyin Jiangzhou Copper Product Co Ltd	1015	18-22AWG, 600V, 105°C	IEC/EN 60335-1 IEC/EN 60335-2-9 IEC/EN 60335-2-25	UL E341212 Tested with appliance
Alt.	Yang Tai Wire & Cable Co Ltd	1015	16-22AWG, 600V, 105°C	IEC/EN 60335-1 IEC/EN 60335-2-9 IEC/EN 60335-2-25	UL E214859 Tested with appliance
Alt.	Yutong Electronics (Huizhou)Co., LTD	1015	16-22AWG, 600V, 105°C	IEC/EN 60335-1 IEC/EN 60335-2-9 IEC/EN 60335-2-25	UL E301048 Tested with appliance
Alt.	Dongguan Evk Electric Technique Co Ltd	1015	16-22AWG, 600V, 105°C	IEC/EN 60335-1 IEC/EN 60335-2-9 IEC/EN 60335-2-25	UL E302679 Tested with appliance
Alt.	HanstarFluoro- Plastic Insulated Electric Wires	1015	16-22AWG, 600V, 105°C	IEC/EN 60335-1 IEC/EN 60335-2-9 IEC/EN 60335-2-25	UL E159007 Tested with appliance
Alt.	Dongguan Sheng Pai Electric Wire & Cable Co Ltd	1015	16-22AWG, 600V, 105°C	IEC/EN 60335-1 IEC/EN 60335-2-9 IEC/EN 60335-2-25	UL E347603 Tested with appliance
Alt.	Foshan Shunde Huakun Electric Co Ltd	1015	16-22AWG, 600V, 105°C	IEC/EN 60335-1 IEC/EN 60335-2-9 IEC/EN 60335-2-25	UL E305878 Tested with appliance
Alt.	Shenzhen Bao Hing Electric Wire & Cable Mfr Co Ltd	1015	16-22AWG, 600V, 105°C	IEC/EN 60335-1 IEC/EN 60335-2-9 IEC/EN 60335-2-25	UL E168141 Tested with appliance
Alt.	Dongguan Kelvin Wire Corporation	1569	16- 22AWG,300V, 105°C	IEC/EN 60335-1 IEC/EN 60335-2-9 IEC/EN 60335-2-25	UL E250866 Tested with appliance
Alt.	Zhongshan Yong Rol Electric Co Ltd	1569	16- 22AWG,300V, 105°C	IEC/EN 60335-1 IEC/EN 60335-2-9 IEC/EN 60335-2-25	UL E204893 Tested with appliance
Alt.	Dongguan City Futai Electronic Technology Co.,Ltd	1569	16- 22AWG,300V, 105°C	IEC/EN 60335-1 IEC/EN 60335-2-9 IEC/EN 60335-2-25	UL E314597 Tested with appliance
Alt.	Zhongshan Fuyuantong Wire & Cable Co Ltd	1569	16- 22AWG,300V, 105°C	IEC/EN 60335-1 IEC/EN 60335-2-9 IEC/EN 60335-2-25	UL E241989 Tested with appliance
Alt.	Weihai Hong Lin Electronic Co Ltd	1569	16- 22AWG,300V, 105°C	IEC/EN 60335-1 IEC/EN 60335-2-9 IEC/EN 60335-2-25	UL E239426 Tested with appliance

IEC 60335-2-9 & IEC 60335-2-25					
Clause	Requirement - Test		Result - Remark		Verdict
Alt.	Zhongshan Qi Liang Wire Mfr Co Ltd	1569	16-22AWG,300V, 105°C	IEC/EN 60335-1 IEC/EN 60335-2-9 IEC/EN 60335-2-25	UL E320362 Tested with appliance
Alt.	Zhongshan City Liangyu Wire And Cable Co Ltd	1569	16-22AWG,300V, 105°C	IEC/EN 60335-1 IEC/EN 60335-2-9 IEC/EN 60335-2-25	UL E340038 Tested with appliance
Alt.	ZhongshanXinsheng Electric Co Ltd	1569	16-22AWG,300V, 105°C	IEC/EN 60335-1 IEC/EN 60335-2-9 IEC/EN 60335-2-25	UL E328303 Tested with appliance
Alt.	Jiangyin Jiangzhou Copper Product Co Ltd	1569	16-22AWG,300V, 105°C	IEC/EN 60335-1 IEC/EN 60335-2-9 IEC/EN 60335-2-25	UL E341212 Tested with appliance
Alt.	Dongguan Evk Electric Technique Co Ltd	1569	16-22AWG,300V, 105°C	IEC/EN 60335-1 IEC/EN 60335-2-9 IEC/EN 60335-2-25	UL E302679 Tested with appliance
Alt.	Yang Tai Wire & Cable Co Ltd	1569	16-22AWG,300V, 105°C	IEC/EN 60335-1 IEC/EN 60335-2-9 IEC/EN 60335-2-25	UL E214859 Tested with appliance
Alt.	Yutong Electronics (Huizhou)Co., LTD	1569	16-22AWG, 300V, 105°C	IEC/EN 60335-1 IEC/EN 60335-2-9 IEC/EN 60335-2-25	UL E301048 Tested with appliance
Alt.	Linoya Electronic Technology Co Ltd	1569	16-22AWG, 300V, 105°C	IEC/EN 60335-1 IEC/EN 60335-2-9 IEC/EN 60335-2-25	UL E315619 Tested with appliance
Alt.	HanstarFluoro-Plastic Insulated Electric Wires	1569	16-22AWG, 300V, 105°C	IEC/EN 60335-1 IEC/EN 60335-2-9 IEC/EN 60335-2-25	UL E159007 Tested with appliance
Alt.	Dongguan Sheng Pai Electric Wire & Cable Co Ltd	1569	16-22AWG, 300V, 105°C	IEC/EN 60335-1 IEC/EN 60335-2-9 IEC/EN 60335-2-25	UL E347603 Tested with appliance
Alt.	Foshan Shunde Huakun Electric Co Ltd	1569	16-22AWG, 300V, 105°C	IEC/EN 60335-1 IEC/EN 60335-2-9 IEC/EN 60335-2-25	UL E305878 Tested with appliance
Alt.	Shenzhen Bao Hing Electric Wire & Cable Mfr Co Ltd	1569	16-22AWG, 300V, 105°C	IEC/EN 60335-1 IEC/EN 60335-2-9 IEC/EN 60335-2-25	UL E168141 Tested with appliance
Alt.	Jiangyin Jiangzhou Copper Product Co Ltd	1332	16-22AWG, 300V, 200°C	IEC/EN 60335-1 IEC/EN 60335-2-9 IEC/EN 60335-2-25	UL E341212 Tested with appliance
Alt.	Guangzhou Feng Tai Electronic Co Ltd	1332	16-22AWG, 300V, 200°C	IEC/EN 60335-1 IEC/EN 60335-2-9 IEC/EN 60335-2-25	UL E204798 Tested with appliance

IEC 60335-2-9 & IEC 60335-2-25					
Clause	Requirement - Test		Result - Remark		Verdict
Alt.	Nizing Electric Co Ltd	1332	16-22AWG, 300V, 200°C	IEC/EN 60335-1 IEC/EN 60335-2-9 IEC/EN 60335-2-25	UL E215834 Tested with appliance
Alt.	Dongguan Zhihe Electrical Cable Tech Co Ltd	1332	16-22AWG, 300V, 200°C	IEC/EN 60335-1 IEC/EN 60335-2-9 IEC/EN 60335-2-25	UL E258239 Tested with appliance
Alt.	Foshan City Zheng Guan Fluoroplastics Wire Factory	1332	16-22AWG, 300V, 200°C	IEC/EN 60335-1 IEC/EN 60335-2-9 IEC/EN 60335-2-25	UL E307535 Tested with appliance
Alt.	Shenzhen Mysun Insulation Materials Co Ltd	1332	16-22AWG, 300V, 200°C	IEC/EN 60335-1 IEC/EN 60335-2-9 IEC/EN 60335-2-25	UL E239689 Tested with appliance
Alt.	Dongguan Evk Electric Technique Co Ltd	1332	16-22AWG, 300V, 200°C	IEC/EN 60335-1 IEC/EN 60335-2-9 IEC/EN 60335-2-25	UL E302679 Tested with appliance
Alt.	Yang Tai Wire & Cable Co Ltd	1332	16-22AWG, 300V, 200°C	IEC/EN 60335-1 IEC/EN 60335-2-9 IEC/EN 60335-2-25	UL E214859 Tested with appliance
Alt.	HanstarFluoro-Plastic Insulated Electric Wires	1332	16-22AWG, 300V, 200°C	IEC/EN 60335-1 IEC/EN 60335-2-9 IEC/EN 60335-2-25	UL E159007 Tested with appliance
Alt.	Guangdong Rifeng Electric Cable Co Ltd	1332	16-22AWG, 300V, 200°C	IEC/EN 60335-1 IEC/EN 60335-2-9 IEC/EN 60335-2-25	UL E243545 Tested with appliance
Alt.	Foshan Shunde Huakun Electric Co Ltd	1332	16-22AWG, 300V, 200°C	IEC/EN 60335-1 IEC/EN 60335-2-9 IEC/EN 60335-2-25	UL E305878 Tested with appliance
Alt.	Dongguan Sheng Pai Electric Wire & Cable Co Ltd	1332	16-22AWG, 300V, 200°C	IEC/EN 60335-1 IEC/EN 60335-2-9 IEC/EN 60335-2-25	UL E347603 Tested with appliance
Alt.	Shenzhen Mysun Insulation Materials Co Ltd	3122	16-22AWG, 300V, 200°C	IEC/EN 60335-1 IEC/EN 60335-2-9 IEC/EN 60335-2-25	UL E239689 Tested with appliance
Alt.	Foshan Shunde Pantai Special Wire Rod Electronics Co Ltd	3122	16-22AWG, 300V, 200°C	IEC/EN 60335-1 IEC/EN 60335-2-9 IEC/EN 60335-2-25	UL E346532 Tested with appliance
Alt.	Dongguan Evk Electric Technique Co Ltd	3122	16-22AWG, 300V, 200°C	IEC/EN 60335-1 IEC/EN 60335-2-9 IEC/EN 60335-2-25	UL E302679 Tested with appliance

IEC 60335-2-9 & IEC 60335-2-25					
Clause	Requirement - Test			Result - Remark	Verdict
Alt.	Guangzhou FengtaiMeihua Cable Co Ltd	3122	16-22AWG, 300V, 200°C	IEC/EN 60335-1 IEC/EN 60335-2-9 IEC/EN 60335-2-25	UL E204798 Tested with appliance
Alt.	Dongguan Boli Electronic Co Ltd	3122	16-22AWG, 300V, 200°C	IEC/EN 60335-1 IEC/EN 60335-2-9 IEC/EN 60335-2-25	UL E305164 Tested with appliance
Alt.	Nizing Electric Co Ltd	3122	16-22AWG, 300V, 200°C	IEC/EN 60335-1 IEC/EN 60335-2-9 IEC/EN 60335-2-25	UL E215834 Tested with appliance
Alt.	Yang Tai Wire & Cable Co Ltd	3122	16-26AWG, 300V, 200°C	IEC/EN 60335-1 IEC/EN 60335-2-9 IEC/EN 60335-2-25	UL E214859 Tested with appliance
Alt.	Foshan Shunde Pantai Special Wire Rod Electronics Co Ltd	3122	16-26AWG, 300V, 200°C	IEC/EN 60335-1 IEC/EN 60335-2-9 IEC/EN 60335-2-25	UL E346532 Tested with appliance
Alt.	HanstarFluoro-Plastic Insulated Electric Wires	3122	16-26AWG, 300V, 200°C	IEC/EN 60335-1 IEC/EN 60335-2-9 IEC/EN 60335-2-25	UL E159007 Tested with appliance
Alt.	Guangdong Rifeng Electric Cable Co Ltd	3122	16-26AWG, 300V, 200°C	IEC/EN 60335-1 IEC/EN 60335-2-9 IEC/EN 60335-2-25	UL E243545 Tested with appliance
Alt.	Dongguan Sheng Pai Electric Wire & Cable Co Ltd	3122	16-26AWG, 300V, 200°C	IEC/EN 60335-1 IEC/EN 60335-2-9 IEC/EN 60335-2-25	UL E347603 Tested with appliance
Internal wire (for grill)	Jiangyin Jiangzhou Copper Product Co Ltd	1332	16-22AWG, 300V, 200°C	IEC/EN 60335-1 IEC/EN 60335-2-9 IEC/EN 60335-2-25	UL E341212 Tested with appliance
Alt.	Guangzhou Feng Tai Electronic Co Ltd	1332	16-22AWG, 300V, 200°C	IEC/EN 60335-1 IEC/EN 60335-2-9 IEC/EN 60335-2-25	UL E204798 Tested with appliance
Alt.	Nizing Electric Co Ltd	1332	16-22AWG, 300V, 200°C	IEC/EN 60335-1 IEC/EN 60335-2-9 IEC/EN 60335-2-25	UL E215834 Tested with appliance
Alt.	Dongguan Zhihe Electrical Cable Tech Co Ltd	1332	16-22AWG, 300V, 200°C	IEC/EN 60335-1 IEC/EN 60335-2-9 IEC/EN 60335-2-25	UL E258239 Tested with appliance
Alt.	Foshan City Zheng Guan Fluoroplastics Wire Factory	1332	16-22AWG, 300V, 200°C	IEC/EN 60335-1 IEC/EN 60335-2-9 IEC/EN 60335-2-25	UL E307535 Tested with appliance
Alt.	Shenzhen Mysun Insulation Materials Co Ltd	1332	16-22AWG, 300V, 200°C	IEC/EN 60335-1 IEC/EN 60335-2-9 IEC/EN 60335-2-25	UL E239689 Tested with appliance

IEC 60335-2-9 & IEC 60335-2-25					
Clause	Requirement - Test		Result - Remark		Verdict
Alt.	Dongguan Evk Electric Technique Co Ltd	1332	16-22AWG, 300V, 200°C	IEC/EN 60335-1 IEC/EN 60335-2-9 IEC/EN 60335-2-25	UL E302679 Tested with appliance
Alt.	Yang Tai Wire & Cable Co Ltd	1332	16-22AWG, 300V, 200°C	IEC/EN 60335-1 IEC/EN 60335-2-9 IEC/EN 60335-2-25	UL E214859 Tested with appliance
Alt.	HanstarFluoro-Plastic Insulated Electric Wires	1332	16-22AWG, 300V, 200°C	IEC/EN 60335-1 IEC/EN 60335-2-9 IEC/EN 60335-2-25	UL E159007 Tested with appliance
Alt.	Guangdong Rifeng Electric Cable Co Ltd	1332	16-22AWG, 300V, 200°C	IEC/EN 60335-1 IEC/EN 60335-2-9 IEC/EN 60335-2-25	UL E243545 Tested with appliance
Alt.	Foshan Shunde Huakun Electric Co Ltd	1332	16-22AWG, 300V, 200°C	IEC/EN 60335-1 IEC/EN 60335-2-9 IEC/EN 60335-2-25	UL E305878 Tested with appliance
Alt.	Dongguan Sheng Pai Electric Wire & Cable Co Ltd	1332	16-22AWG, 300V, 200°C	IEC/EN 60335-1 IEC/EN 60335-2-9 IEC/EN 60335-2-25	UL E347603 Tested with appliance
Alt.	Shenzhen Mysun Insulation Materials Co Ltd	3122	16-22AWG, 300V, 200°C	IEC/EN 60335-1 IEC/EN 60335-2-9 IEC/EN 60335-2-25	UL E239689 Tested with appliance
Alt.	Foshan Shunde Pantai Special Wire Rod Electronics Co Ltd	3122	16-22AWG, 300V, 200°C	IEC/EN 60335-1 IEC/EN 60335-2-9 IEC/EN 60335-2-25	UL E346532 Tested with appliance
Alt.	Dongguan Evk Electric Technique Co Ltd	3122	16-22AWG, 300V, 200°C	IEC/EN 60335-1 IEC/EN 60335-2-9 IEC/EN 60335-2-25	UL E302679 Tested with appliance
Alt.	Guangzhou FengtaiMeihua Cable Co Ltd	3122	16-22AWG, 300V, 200°C	IEC/EN 60335-1 IEC/EN 60335-2-9 IEC/EN 60335-2-25	UL E204798 Tested with appliance
Alt.	Dongguan Boli Electronic Co Ltd	3122	16-22AWG, 300V, 200°C	IEC/EN 60335-1 IEC/EN 60335-2-9 IEC/EN 60335-2-25	UL E305164 Tested with appliance
Alt.	Nizing Electric Co Ltd	3122	16-22AWG, 300V, 200°C	IEC/EN 60335-1 IEC/EN 60335-2-9 IEC/EN 60335-2-25	UL E215834 Tested with appliance
Alt.	Yang Tai Wire & Cable Co Ltd	3122	16-26AWG, 300V, 200°C	IEC/EN 60335-1 IEC/EN 60335-2-9 IEC/EN 60335-2-25	UL E214859 Tested with appliance
Alt.	Foshan Shunde Pantai Special Wire Rod Electronics Co Ltd	3122	16-26AWG, 300V, 200°C	IEC/EN 60335-1 IEC/EN 60335-2-9 IEC/EN 60335-2-25	UL E346532 Tested with appliance

IEC 60335-2-9 & IEC 60335-2-25					
Clause	Requirement - Test		Result - Remark		Verdict
Alt.	HanstarFluoro-Plastic Insulated Electric Wires	3122	16-26AWG, 300V, 200°C	IEC/EN 60335-1 IEC/EN 60335-2-9 IEC/EN 60335-2-25	UL E159007 Tested with appliance
Alt.	Guangdong Rifeng Electric Cable Co Ltd	3122	16-26AWG, 300V, 200°C	IEC/EN 60335-1 IEC/EN 60335-2-9 IEC/EN 60335-2-25	UL E243545 Tested with appliance
Alt.	Dongguan Sheng Pai Electric Wire & Cable Co Ltd	3122	16-26AWG, 300V, 200°C	IEC/EN 60335-1 IEC/EN 60335-2-9 IEC/EN 60335-2-25	UL E347603 Tested with appliance
PCB/PWB material	Kingboard Laminates Ltd.	KB-1150, KB-2150, KB-3150, KB-3152, KB-5150, KB-6150, KB-7150	UL94HB for KB-1150; UL94V-0 for other	IEC/EN 60335-1 IEC/EN 60335-2-9 IEC/EN 60335-2-25	UL E123995 Tested with appliance
Alt.	Yat Tao Chemical Holdings (HK) Ltd.	KH-111F	UL94V-0	IEC/EN 60335-1 IEC/EN 60335-2-9 IEC/EN 60335-2-25	UL E167840 Tested with appliance
Alt.	ZhaoyuanJinba o Electronics Co., Ltd.	ZD-90F ZD-95(G)F	UL94V-0	IEC/EN 60335-1 IEC/EN 60335-2-9 IEC/EN 60335-2-25	UL E141940 Tested with appliance
Alt.	Chang Chun plastics Co., Ltd.	CCP-3400	UL94V-0	IEC/EN 60335-1 IEC/EN 60335-2-9 IEC/EN 60335-2-25	UL E108591 Tested with appliance
Alt.	Eternal Chemical Co., Ltd.	ETL-XPC-204	UL94V-0	IEC/EN 60335-1 IEC/EN 60335-2-9 IEC/EN 60335-2-25	UL E95862 Tested with appliance
Alt.	Hua Yang Electronic Materials Co., Ltd.	TZ-9F	UL94V-0	IEC/EN 60335-1 IEC/EN 60335-2-9 IEC/EN 60335-2-25	UL E190476 Tested with appliance
Alt.	Shunde Junda Electronic	JD-B JD-B1 JD-D JD-E	94V-0	IEC/EN 60335-1 IEC/EN 60335-2-9 IEC/EN 60335-2-25	UL E173873 Tested with appliance
Alt.	Zhuhai Jointek Electric Co Ltd	JK-004/JK-008	UL94V-0	IEC/EN 60335-1 IEC/EN 60335-2-9 IEC/EN 60335-2-25	UL E214852 Tested with appliance
Alt.	Guangdong Chengde Electronic Technology Co Ltd	1/2/D1	94V-0	IEC/EN 60335-1 IEC/EN 60335-2-9 IEC/EN 60335-2-25	UL E322995 Tested with appliance
Alt.	Kin Yip Technology Electronics (Huizhou) Co Ltd	KY033H, KY003, DS-206, ML-401	94V-0	IEC/EN 60335-1 IEC/EN 60335-2-9 IEC/EN 60335-2-25	UL E303478 Tested with appliance

IEC 60335-2-9 & IEC 60335-2-25					
Clause	Requirement - Test		Result - Remark		Verdict
Alt.	Dongguan Wannienfu Electronic Co Ltd	04V0 101V0 03V0	UL94V-0	IEC/EN 60335-1 IEC/EN 60335-2-9 IEC/EN 60335-2-25	UL E88653 Tested with appliance
Alt.	Mei Zhou Li Yu Da Cricuit Board Co Ltd	LYD-2 LYD-3 LYD-4	UL94V-0	IEC/EN 60335-1 IEC/EN 60335-2-9 IEC/EN 60335-2-25	E320265 Tested with appliance
Alt.	HUNG HING ELECTRONIC S CO., LTD	HF-02A HF-07A HF-08 HH-01 HH-02 HH-03 HH-05 HH-06	UL94V-0	IEC/EN 60335-1 IEC/EN 60335-2-9 IEC/EN 60335-2-25	UL E327405 Tested with appliance
Self-reset Thermostat on oven (for Mechanical model with painted and grey painted steel cavity)	XC Electronics (Shenzhen) Corp. Ltd.	KSD301	AC 250 V, 10 A, OFF:75°C +2/- 3°C, ON:67°C±3°C, T150, 1E5	IEC 60730-2-9: 2015 + A1: 2018 IEC 60730-1: 2013 + A1: 2015 EN 60730-2-9: 2019 + A1: 2019 EN 60730-1: 2016 + A1: 2019	TÜV Rd R50035898
Alt.	Zhongshan Huilong Electric Co. Ltd.	KSD301	AC 250V 10A OFF:75°C+2/- 3°C ON:67°C±3°C 1E5	IEC 60730-2-9: 2015 + A1: 2018 IEC 60730-1: 2013 + A1: 2015 EN 60730-2-9: 2019 + A1: 2019 EN 60730-1: 2016 + A1: 2019	VDE 40034938
Alt.	Jiangsu Changheng Group Control Component Co., Ltd.	KSD	AC 250V 10A OFF:75°C+2/- 3°C ON: 67°C ± 3°C	IEC 60730-2-9: 2015 + A1: 2018 IEC 60730-1: 2013 + A1: 2015 EN 60730-2-9: 2019 + A1: 2019 EN 60730-1: 2016 + A1: 2019	VDE 40022995
Self-reset Thermostat on oven (for Mechanical With stainless steel cavity)	XC Electronics(Shenzhen)Corp.Ltd	KSD301	AC 250V 10A OFF:70°C+2/- 3 °C ON :62°C ± 3°C T150, 1E5	IEC 60730-2-9: 2015 + A1: 2018 IEC 60730-1: 2013 + A1: 2015 EN 60730-2-9: 2019 + A1: 2019 EN 60730-1: 2016 + A1: 2019	TÜV Rd R50035898

IEC 60335-2-9 & IEC 60335-2-25					
Clause	Requirement - Test			Result - Remark	Verdict
Alt.	Zhongshan Huilong Electrical Co. Ltd.	KSD301	AC 250V 10A OFF: 70°C ± 2/-3 °C ON : 62°C ± 3°C 1E5	IEC 60730-2-9: 2015 + A1: 2018 IEC 60730-1: 2013 + A1: 2015 EN 60730-2-9: 2019 + A1: 2019 EN 60730-1: 2016 + A1: 2019	VDE 40034938
Alt.	Jiangsu Changheng Group Control Component Co., Ltd.	KSD	AC 250V 10A OFF: 70°C ± 2/-3 °C ON : 62°C ± 3°C	IEC 60730-2-9: 2015 + A1: 2018 IEC 60730-1: 2013 + A1: 2015 EN 60730-2-9: 2019 + A1: 2019 EN 60730-1: 2016 + A1: 2019	VDE 40022995
Self-resetting thermal cut-out on oven (for electronic model)	Foshan Tianpeng Thermostats Co., Ltd.	T1/11	AC 250 V, 10 A, Tf120, OFF: 120°C ± 5°C ON: 100°C ± 10°C 3E4	IEC 60730-2-9: 2015 + A1: 2018 IEC 60730-1: 2013 + A1: 2015 EN 60730-2-9: 2019 + A1: 2019 EN 60730-1: 2016 + A1: 2019	TÜV Rd R50091097
Alt.	Jiangsu Changheng Group Control Component Co., Ltd.	KSD	AC 250 V, 10A Tf120. OFF: 120°C ± 5°C ON: 100°C ± 10°C	IEC 60730-2-9: 2015 + A1: 2018 IEC 60730-1: 2013 + A1: 2015 EN 60730-2-9: 2019 + A1: 2019 EN 60730-1: 2016 + A1: 2019	VDE 40022995
Alt.	XC Electronics (Shenzhen) Corp. Ltd.	KSD301 120	AC 250 V, 10A Tf120. OFF: 120°C ± 5°C ON: 100°C ± 10°C 10E4, T210	IEC 60730-2-9: 2015 + A1: 2018 IEC 60730-1: 2013 + A1: 2015 EN 60730-2-9: 2019 + A1: 2019 EN 60730-1: 2016 + A1: 2019	VDE 40020934
Alt.	Zhongshan Huilong Electrical Co. Ltd.	KSD301	AC 250 V, 10A Tf120. OFF: 120°C ± 5°C ON: 100°C ± 10°C 10E4, T210	IEC 60730-2-9: 2015 + A1: 2018 IEC 60730-1: 2013 + A1: 2015 EN 60730-2-9: 2019 + A1: 2019 EN 60730-1: 2016 + A1: 2019	VDE 40034938

IEC 60335-2-9 & IEC 60335-2-25					
Clause	Requirement - Test		Result - Remark		Verdict
Alt.	Guangdong Huilong Electrical Appliance Co., Ltd.	KSD301	AC250V, 10A, Tf120. OFF: 120°C±5°C ON: 100°C±10°C 3E4, T210	IEC 60730-2-9: 2015 + A1: 2018 IEC 60730-1: 2013 + A1: 2015 EN 60730-2-9: 2019 + A1: 2019 EN 60730-1: 2016 + A1: 2019	TUV SUDB 097593 0001
Alt.	ChangShu Xin DuAn Electric Co., Ltd.	KSD1	AC250V 10A Tf120. OFF: 120°C±5°C ON: 100°C±10°C T210	IEC 60730-2-9: 2015 + A1: 2018 IEC 60730-1: 2013 + A1: 2015 EN 60730-2-9: 2019 + A1: 2019 EN 60730-1: 2016 + A1: 2019	TÜV Rd R 50374776
Self-resetting thermal cut-out on magnetron	Foshan Tianpeng Thermostats Co., Ltd.	T1/22	AC 250 V, 10 A, Tf180, OFF: 180°C±5°C ON: 140°C±10°C 3E4	IEC 60730-2-9: 2015 + A1: 2018 IEC 60730-1: 2013 + A1: 2015 EN 60730-2-9: 2019 + A1: 2019 EN 60730-1: 2016 + A1: 2019	TÜV Rd R50091213
Alt.	Jiangsu Changheng Group Control Component Co., Ltd.	KSD180	AC 250 V, 10A Tf180. OFF: 180°C±5°C ON: 140°C±10°C	IEC 60730-2-9: 2015 + A1: 2018 IEC 60730-1: 2013 + A1: 2015 EN 60730-2-9: 2019 + A1: 2019 EN 60730-1: 2016 + A1: 2019	VDE 40022995
Alt.	XC Electronics (Shenzhen) Corp. Ltd.	KSD301 180	AC 250 V, 10A Tf180. OFF: 180°C±5°C ON: 140°C±10°C, T210	IEC 60730-2-9: 2015 + A1: 2018 IEC 60730-1: 2013 + A1: 2015 EN 60730-2-9: 2019 + A1: 2019 EN 60730-1: 2016 + A1: 2019	VDE 40020934
Alt.	Zhongshan Huilong Electrical Co. Ltd.	KSD301	AC 250 V, 10A Tf180. OFF: 180°C±5°C ON: 140°C±10°C, T210	IEC 60730-2-9: 2015 + A1: 2018 IEC 60730-1: 2013 + A1: 2015 EN 60730-2-9: 2019 + A1: 2019 EN 60730-1: 2016 + A1: 2019	VDE 40034938

IEC 60335-2-9 & IEC 60335-2-25					
Clause	Requirement - Test			Result - Remark	Verdict
Alt.	Guangdong Huilong Electric Appliance Co., Ltd.	KSD301	AC 250 V, 10 A, Tf180. OFF: 180°C ± 5°C ON: 140°C ± 10°C 3E4, T210	IEC 60730-2-9: 2015 + A1: 2018 IEC 60730-1: 2013 + A1: 2015 EN 60730-2-9: 2019 + A1: 2019 EN 60730-1: 2016 + A1: 2019	TUV SUD B 097593 0001
Alt.	ChangShu Xin DuAn Electric Co., Ltd.	KSD1	AC 250V10A Tf180. OFF: 180°C ± 5°C ON: 140°C ± 10°C T210	IEC 60730-2-9: 2015 + A1: 2018 IEC 60730-1: 2013 + A1: 2015 EN 60730-2-9: 2019 + A1: 2019 EN 60730-1: 2016 + A1: 2019	TÜV Rd R 50374776
Components of Noise Filter, FD1-3L20 (Galanz) Listed below:					
X2 capacitor	Shenzhen Shenfeng Electronics Co., Ltd.	CBB62	AC 275V, X2, 0,22uF, T100	IEC 60384-14: 2013 + A1: 2016 EN 60384-14: 2013 + A1: 2016	VDE 40031777
Alt.	Foshan Shunde Beijiao Hua Da Electric Industrial Co., Ltd.	HD-series or HD-MKP series	AC 275V, X2, 0,22uF, T105	IEC 60384-14: 2013 + A1: 2016 EN 60384-14: 2013 + A1: 2016	VDE 40027182
Alt.	Winday Electronic Industrial (Dong Guan) Co., Ltd.	MPX	AC 275V, X2, 0,22uF, T100	IEC 60384-14: 2013 + A1: 2016 EN 60384-14: 2013 + A1: 2016	VDE 40018071
Alt.	Guangdong Fengming Electronic Tech. Co., Ltd.	MKP-X2	AC 275V, X2, 0,22uF, T105	IEC 60384-14: 2013 + A1: 2016 EN 60384-14: 2013 + A1: 2016	VDE 40025702
Alt.	Shenzhen Su Rong Capacitors Co., Ltd.	MPX/MKP	X2, AC 280 V 0,22uF, T100	IEC 60384-14: 2013 + A1: 2016 EN 60384-14: 2013 + A1: 2016	VDE 40008924
Alt.	Sichuan Sincerity Technology Co., Ltd.	MPX/MKP	X2, AC 275V, 0,22uF, T110	IEC 60384-14: 2013 + A1: 2016 EN 60384-14: 2013 + A1: 2016	VDE 40028812
Y2 capacitor	Hsuan Tai Electrical	CY	Y2, AC250V 4700pF, T85	IEC 60384-14: 2013 + A1: 2016 EN 60384-14: 2013 + A1: 2016	VDE 118413
Alt.	TDK Corporation	CS	Y2, AC250V 4700pF, T85	IEC 60384-14: 2013 + A1: 2016 EN 60384-14: 2013 + A1: 2016	VDE 40017930

IEC 60335-2-9 & IEC 60335-2-25					
Clause	Requirement - Test			Result - Remark	Verdict
Alt.	Haohua Electronic	CT 7	Y2, AC250V 4700pF, T125	IEC 60384-14: 2013 + A1:2016 EN 60384-14: 2013 + A1: 2016	VDE 40013601
Alt.	Nanjing YuYue Electronics Co. Ltd	CT 7	Y2, AC250V 4700pF, T125	IEC 60384-14: 2013 + A1:2016 EN 60384-14: 2013 + A1: 2016	VDE 40008013
Alt.	Guangdong South Hongming Electronic Science and Technology Co., Ltd.	F	Y2, AC250V 4700pF, T125	IEC 60384-14: 2013 + A1:2016 EN 60384-14: 2013 + A1: 2016	VDE 40036246
Alt.	GUANGDONG DAFU ELECTRONIC S CO.,LTD	CT7	Y2 AC300V, 4700pF,T125	IEC 60384-14: 2013 + A1:2016 EN 60384-14: 2013 + A1: 2016	VDE 40041521
Relay	Song Chuan Precision Co.,Ltd.	812H-1C-C	Contact: AC 250 V, 12 A, Coil: DC24V, T85, 1E5	IEC 61810-1: 2015 + A1: 2019 EN 61810-1: 2015 + A1: 2020	VDE 122905
Alt.	Zhejiang Dongya Electronic Co., Ltd.	JZC-22F 024VDC-1Z	Contact: AC 250 V, 10 A, Coil: DC24V, T85, 1E5	IEC 61810-1: 2015 + A1: 2019 EN 61810-1: 2015 + A1: 2020	TUV Rd R50121571
Alt.	Dongguan Sanyou Electrical Appliances Co.,Ltd.	SRU-S-124L	Contact: AC 240 V, 10 A, Coil: DC24V, T85, 1E5	IEC 61810-1: 2015 + A1: 2019 EN 61810-1: 2015 + A1: 2020	TUV Rd R50139131
Alt.	Guangdong Galanz Enterprises Co.,Ltd.	JD7-S-124LC	Contact: AC 240 V, 10 A, Coil: DC24V, T85, 1E5	IEC 61810-1: 2015 + A1: 2019 EN 61810-1: 2015 + A1: 2020	TUV Rd R50204875
Alt.	Ningbo TianboGanglian Electronics Co.,Ltd.	HJR-21FF-S-Z	Contact: AC 240 V, 10 A, Coil: DC24V, T85, 1E5	IEC 61810-1: 2015 + A1: 2019 EN 61810-1: 2015 + A1: 2020	TUV Rd R50116165
Alt.	Xiamen Hongfa Electroacoustic s Co.,Ltd.	HF152FD 24-1ZST	Contact: AC 250 V, 10 A, Coil: DC24V, T105, 1E5	IEC 61810-1: 2015 + A1: 2019 EN 61810-1: 2015 + A1: 2020	VDE 40031203
Alt.	Xiamen Hongfa Electroacoustic s Co.,Ltd	HF3FF 024-1Z	Contact: AC 250 V, 10 A, Coil: DC24V, T85, 1E5	IEC 61810-1: 2015 + A1: 2019 EN 61810-1: 2015 + A1: 2020	TUV Rd R50148356

IEC 60335-2-9 & IEC 60335-2-25					
Clause	Requirement - Test		Result - Remark		Verdict
Alt.	Zhejiang Meishuo Electric Technology Co., Ltd.	MPA-S-124-C	Contact: AC 250 V, 10 A, Coil: DC24V, T85, 1E5	IEC 61810-1: 2015 + A1: 2019 EN 61810-1: 2015 + A1: 2020	TUV Rd R50184948
Fuse-link on noise filter PCB	Sun Electric Co.	5C	AC 250V, 12A	IEC/EN 60335-1 IEC/EN 60335-2-9 IEC/EN 60335-2-25	TUV Rd R 50202839 UL E166522 Tested with appliance
Alt.	Shanghai Song Shan	RF1-20	AC 250 V, 12 A	IEC 60127-1: 2006 + A1: 2011 + A2: 2015 IEC 60127-3: 2015 + A1: 2020 EN 60127-1: 2006 + A1: 2011 + A2: 2015 EN 60127-2: 2014 + A1: 2020	TÜV Rh J50078894
Alt.	Littelfuse Inc.	215	AC250V, 12A	IEC 60127-1: 2006 + A1: 2011 + A2: 2015 IEC 60127-3: 2015 + A1: 2020 EN 60127-1: 2006 + A1: 2011 + A2: 2015 EN 60127-2: 2014 + A1: 2020	VDE 40016610
Alt.	Dongguan Better Electronic	524	AC 250 V, 12 A	IEC/EN 60335-1 IEC/EN 60335-2-9 IEC/EN 60335-2-25	Tested with appliance UL E300003
Alt.	XC Electronics (shenzhen) Corp.Ltd	5C	AC250V,12A	IEC/EN 60335-1 IEC/EN 60335-2-9 IEC/EN 60335-2-25	UL E249609 Tested with appliance
Components of Noise Filter, FN0-3L20 (Galanx), are listed as below:					
X2 capacitor	Shenzhen Shenfeng Electronics Co.,Ltd.	CBB62	AC 275V, X2, 0,22uF, T100	IEC 60384-14: 2013 + A1:2016 EN 60384-14: 2013 + A1: 2016	VDE 40031777
Alt.	Foshan Shunde Beijiao Hua Da Electric Industrial Co.,Ltd	HD-series or HD-MKP series	AC 275V, X2, 0,22uF, T105	IEC 60384-14: 2013 + A1:2016 EN 60384-14: 2013 + A1: 2016	VDE 40027182
Alt.	Winday Electronic Industrial(Dong Guan) Co.,Ltd	MPX	AC 275V, X2, 0,22uF, T100	IEC 60384-14: 2013 + A1:2016 EN 60384-14: 2013 + A1: 2016	VDE 40018071
Alt.	Guangdong Fengming Electronic Tech.co.,Ltd	MKP-X2	AC 275V, X2, 0,22uF, T105	IEC 60384-14: 2013 + A1:2016 EN 60384-14: 2013 + A1: 2016	VDE 40025702

IEC 60335-2-9 & IEC 60335-2-25					
Clause	Requirement - Test			Result - Remark	Verdict
Alt.	Shenzhen Su Rong Capacitors Co., Ltd.	MPX/MKP	X2, AC 280 V 0,22uF, T100	IEC 60384-14: 2013 + A1:2016 EN 60384-14: 2013 + A1: 2016	VDE 40008924
Alt.	Sichuan Sincerity Technology Co., Ltd.	MPX/MKP	X2, AC 275V, 0.22uF, T110	IEC 60384-14: 2013 + A1:2016 EN 60384-14: 2013 + A1: 2016	VDE 40028812
Y2 capacitor	Hsuan Tai Electrical	CY	Y2, AC250V 4700pF, T85	IEC 60384-14: 2013 + A1:2016 EN 60384-14: 2013 + A1: 2016	VDE 118413
Alt.	TDK Corporation	CS	Y2, AC250V 4700pF, T85	IEC 60384-14: 2013 + A1:2016 EN 60384-14: 2013 + A1: 2016	VDE 40017930
Alt.	Haohua Electronic	CT 7	Y2, AC250V 4700pF, T125	IEC 60384-14: 2013 + A1:2016 EN 60384-14: 2013 + A1: 2016	VDE 40013601
Alt.	Nanjing YuYue Electronics Co. Ltd	CT 7	Y2, AC250V 4700pF, T125	IEC 60384-14: 2013 + A1:2016 EN 60384-14: 2013 + A1: 2016	VDE 40008013
Alt.	Guangdong South Hongming Electronic Science and Technology Co., Ltd.	F	Y2, AC250V 4700pF, T125	IEC 60384-14: 2013 + A1:2016 EN 60384-14: 2013 + A1: 2016	VDE 40036246
Alt.	GUANGDONG DAFU ELECTRONIC S CO.,LTD	CT7	Y2 AC300V, 4700pF, T125	IEC 60384-14: 2013 + A1:2016 EN 60384-14: 2013 + A1: 2016	VDE 40041521
Fuse-link	Sun Electric Co.	5C	AC 250V, 12A	IEC/EN 60335-1 IEC/EN 60335-2-9 IEC/EN 60335-2-25	TUV Rd R 50202839 UL E166522 Tested with appliance
Alt.	Shanghai Song Shan	RF1-20	AC 250 V, 12 A	IEC 60127-1: 2006 + A1: 2011 + A2: 2015 IEC 60127-3: 2015 + A1: 2020 EN 60127-1: 2006 + A1: 2011 + A2: 2015 EN 60127-2: 2014 + A1: 2020	TÜV Rh J50078894

IEC 60335-2-9 & IEC 60335-2-25					
Clause	Requirement - Test			Result - Remark	Verdict
Alt.	Littelfuse Inc.	215	AC250V, 12A	IEC 60127-1: 2006 + A1: 2011 + A2: 2015 IEC 60127-3: 2015 + A1: 2020 EN 60127-1: 2006 + A1: 2011 + A2: 2015 EN 60127-2: 2014 + A1: 2020	VDE 40016610
Alt.	Dongguan Better Electronic	524	AC 250 V, 12 A	IEC/EN 60335-1 IEC/EN 60335-2-9 IEC/EN 60335-2-25	Tested with appliance UL E300003
Alt.	XC Electronics (shenzhen) Corp.Ltd	5C	AC250V,12A	IEC/EN 60335-1 IEC/EN 60335-2-9 IEC/EN 60335-2-25	UL E249609 Tested with appliance
Components of Noise Filter, FD1-6K00 (Galan), are listed as below:					
X2 capacitor	Guandong Fengming Electronic Tech.Co.,Ltd.	MKP-X2	X2,AC 275V, 0,1uF,T105	IEC 60384-14: 2013 + A1:2016 EN 60384-14: 2013 + A1: 2016	VDE 40025702
Alt.	Foshan Shunde Beijiao Hua Da Electric Industrial Co.,Ltd	HD-series or HD-MKP series	X2,AC275V, 0,1uF,T105	IEC 60384-14: 2013 + A1:2016 EN 60384-14: 2013 + A1: 2016	VDE 40027182
Alt.	Shenzhen Shenfeng Electronics Co.,Ltd.	CBB62	X2,AC 275V, 0,1uF,T100	IEC 60384-14: 2013 + A1:2016 EN 60384-14: 2013 + A1: 2016	VDE 40031777
Alt.	Shenzhen Su Rong Capacitors Co., Ltd.	MPX/MKP	X2,AC 280V, 0,1uF,T100	IEC 60384-14: 2013 + A1:2016 EN 60384-14: 2013 + A1: 2016	VDE 40008924
Alt.	Sichuan Sincerity Technology Co., Ltd.	MPX/MKP	X2,AC 275V, 0,1uF,T110	IEC 60384-14: 2013 + A1:2016 EN 60384-14: 2013 + A1: 2016	VDE 40028812
Y2 capacitor	Haohua Electronic Co.,	CT7	Y2 AC250V, 2200pF,T125	IEC 60384-14: 2013 + A1:2016 EN 60384-14: 2013 + A1: 2016	VDE 40013601
Alt.	Nanjing Yuyue Electronics Co.,Ltd.	CT7	Y2 AC250V, 2200pF,T125	IEC 60384-14: 2013 + A1:2016 EN 60384-14: 2013 + A1: 2016	VDE 40008013
Alt.	GUANGDONG DAFU ELECTRONIC S CO.,LTD	CT7	Y2 AC300V, 2200pF,T125	IEC 60384-14: 2013 + A1:2016 EN 60384-14: 2013 + A1: 2016	VDE 40041521
Relay	Ningbo Tianbo Ganglian Electronics Co.,Ltd.	HJR-21FF-S-Z	Contact: AC240V 10A Coil: DC24VT85	IEC 61810-1: 2015 + A1: 2019 EN 61810-1: 2015 + A1: 2020	TUV Rd R50116165

IEC 60335-2-9 & IEC 60335-2-25					
Clause	Requirement - Test		Result - Remark		Verdict
Alt.	Xiamen Hongfa Electroacoustics Co.,Ltd.	HF152FD 24-1ZST	Contact: AC250V,10A Coil:DC24V,T105	IEC 61810-1: 2015 + A1: 2019 EN 61810-1: 2015 + A1: 2020	VDE 40031203
Alt.	Xiamen Hongfa Electroacoustics Co.,Ltd	HF3FF 024-1Z	Contact: AC250V 10A Coil: DC24V, T85	IEC 61810-1: 2015 + A1: 2019 EN 61810-1: 2015 + A1: 2020	TUV Rd R50148356
Alt.	Zhejiang Meishuo Electric Technology Co.,LTD	MPA-S-124-C	Contact: AC250V 10A Coil: DC24V, T85	IEC 61810-1: 2015 + A1: 2019 EN 61810-1: 2015 + A1: 2020	TUV Rd R50184948
Fuse link	Dongguan Better Electronics Technology Co Ltd	524	AC250V,12,5A	IEC/EN 60335-1 IEC/EN 60335-2-9 IEC/EN 60335-2-25	UL E300003 Tested with appliance
Alt.	Shanghai Songshan Electronics Co.,Ltd.	RF1-20	AC250V,12,5A	IEC 60127-1: 2006 + A1: 2011 + A2: 2015 IEC 60127-3: 2015 + A1: 2020 EN 60127-1: 2006 + A1: 2011 + A2: 2015 EN 60127-2: 2014 + A1: 2020	TUV Rd J50287670
Alt.	XC Electronics (shenzhen) Corp.Ltd	5C	AC250V,12,5A	IEC 60127-1: 2006 + A1: 2011 + A2: 2015 IEC 60127-3: 2015 + A1: 2020 EN 60127-1: 2006 + A1: 2011 + A2: 2015 EN 60127-2: 2014 + A1: 2020	TUV Rd J 50528382
Components of Noise Filter, FN5-6K00 (Galanx), are listed as below:					
X2 capacitor	Guandong Fengming Electronic Tech.Co.,Ltd.	MKP-X2	X2,AC 275V, 0.1uF,T105	IEC 60384-14: 2013 + A1:2016 EN 60384-14: 2013 + A1: 2016	VDE 40025702
Alt.	Foshan Shunde Beijiao Hua Da Electric Industrial Co.,Ltd	HD-series or HD-MKP series	X2,AC275V, 0.1uF,T105	IEC 60384-14: 2013 + A1:2016 EN 60384-14: 2013 + A1: 2016	VDE 40027182
Alt.	Shenzhen Shenfeng Electronics Co.,Ltd.	CBB62	X2,AC 275V, 0.1uF,T100	IEC 60384-14: 2013 + A1:2016 EN 60384-14: 2013 + A1: 2016	VDE 40031777

IEC 60335-2-9 & IEC 60335-2-25					
Clause	Requirement - Test			Result - Remark	Verdict
Alt.	Shenzhen Su Rong Capacitors Co., Ltd.	MPX/MKP	X2,AC 280V, 0.1uF,T100	IEC 60384-14: 2013 + A1:2016 EN 60384-14: 2013 + A1: 2016	VDE 40008924
Alt.	Sichuan Sincerity Technology Co., Ltd.	MPX/MKP	X2,AC 275V, 0.1uF,T110	IEC 60384-14: 2013 + A1:2016 EN 60384-14: 2013 + A1: 2016	VDE 40028812
Y2 capacitor	Haohua Electronic Co.,	CT7	Y2 AC250V, 2200pF,T125	IEC 60384-14: 2013 + A1:2016 EN 60384-14: 2013 + A1: 2016	VDE 40013601
Alt.	Nanjing Yuyue Electronics Co.,Ltd.	CT7	Y2 AC250V, 2200pF,T125	IEC 60384-14: 2013 + A1:2016 EN 60384-14: 2013 + A1: 2016	VDE 40008013
Alt.	GUANGDONG DAFU ELECTRONICS CO.,LTD	CT7	Y2 AC300V, 2200pF,T125	IEC 60384-14: 2013 + A1:2016 EN 60384-14: 2013 + A1: 2016	VDE 40041521
Fuse link	Dongguan Better Electronics Technology Co Ltd	524	AC250V,12,5A	IEC/EN 60335-1 IEC/EN 60335-2-9 IEC/EN 60335-2-25	UL E300003 Tested with appliance
Alt.	Shanghai Songshan Electronics Co.,Ltd.	RF1-20	AC250V,12,5A	IEC 60127-1: 2006 + A1: 2011 + A2: 2015 IEC 60127-3: 2015 + A1: 2020 EN 60127-1: 2006 + A1: 2011 + A2: 2015 EN 60127-2: 2014 + A1: 2020	TUV Rd J50287670
Alt.	XC Electronics (shenzhen) Corp.Ltd	5C	AC250V,12,5A	IEC 60127-1: 2006 + A1: 2011 + A2: 2015 IEC 60127-3: 2015 + A1: 2020 EN 60127-1: 2006 + A1: 2011 + A2: 2015 EN 60127-2: 2014 + A1: 2020	TUV Rd J 50528382
Components of Control Panel PCB are listed as below:					
Relay	Original Electric Mfg (Tyco Electronics)	OMIF-S-112LM	Contact: AC250V 17A Coil: DC12V T90 1E5	IEC 61810-1: 2015 + A1: 2019 EN 61810-1: 2015 + A1: 2020	TÜV Rd R 50139114
Alt.	Xiamen Hongfa	JQX-62F-012-1H	Contact: AC250V 16A Coil: DC12V T85 1E5	IEC 61810-1: 2015 + A1: 2019 EN 61810-1: 2015 + A1: 2020	TUV Rd R 50147086

IEC 60335-2-9 & IEC 60335-2-25					
Clause	Requirement - Test		Result - Remark		Verdict
Alt.	Shanxi Qunli Radio appliance factory	JQX-21F	Contact: AC 250V, 16A Coil: DC 12V T85	IEC 61810-1: 2015 + A1: 2019 EN 61810-1: 2015 + A1: 2020	TUV Rd R 50100487
Alt.	Zhejiang Dongya	JQX-14FY 12V-1H	Contact: AC 250V, 16A. Coil: DC 12V T85	IEC 61810-1: 2015 + A1: 2019 EN 61810-1: 2015 + A1: 2020	TÜV Rd R 50121569
Alt.	Guangdong Galanz Enterprises Co., Ltd.	JD2-1A	Contact: AC250V 16A Coil: DC12V T85 1E5	IEC 61810-1: 2015 + A1: 2019 EN 61810-1: 2015 + A1: 2020	TÜV Rd R 50189204
Alt.	NINGBO TIANBO GANGLIAN ELECTRONIC S CO., LTD	TRA2F-12VDC-H	Contact: AC 250V, 16A Coil: DC 12V T85	IEC 61810-1: 2015 + A1: 2019 EN 61810-1: 2015 + A1: 2020	TÜV Rd R 50113138
Alt.	Zhejiang Meishuo Electric Technology Co.,LTD	MPL-112-A	Contact: AC250V 16A Coil: DC12V T85	IEC 61810-1: 2015 + A1: 2019 EN 61810-1: 2015 + A1: 2020	TUV Rd R50236892
Alt.	Tyco Electronics (Shenzhen) Co., Ltd.	OJ-SS-112LM	Contact: AC 250 V, 3 A, Coil: DC 12V T85	IEC 61810-1: 2015 + A1: 2019 EN 61810-1: 2015 + A1: 2020	TUV Rd R50139166
Alt.	Xiamen Hongfa Electroacoustic Co. Ltd.	JZC-32F-012-HSL3	Contact: AC 250 V, 3 A, Coil: DC 12V T85	IEC 61810-1: 2015 + A1: 2019 EN 61810-1: 2015 + A1: 2020	VDE 40012204
Alt.	Shanxi Qunli Radio appliance factory	JZC-11F/012-1H1	Contact: AC 250 V, 5 A, Coil: DC 12V T85	IEC 61810-1: 2015 + A1: 2019 EN 61810-1: 2015 + A1: 2020	TUV Rd R 50100487
Alt.	Dongguan Sanyou Electrical Appliances Co. Ltd.	SJ-S-112LM	Contact: AC 250 V, 3 A, Coil: DC 12V T85	IEC 61810-1: 2015 + A1: 2019 EN 61810-1: 2015 + A1: 2020	VDE 40002146
Alt.	Zhejiang Dongya Electronic Co. Ltd.	JZC-11F	Contact: AC 250 V, 5 A, Coil: DC 12V T85	IEC 61810-1: 2015 + A1: 2019 EN 61810-1: 2015 + A1: 2020	TUV Rd R50121570
Alt.	Guangdong Galanz Enterprises Co., Ltd.	JZ1-1A-P	Contact: AC 250 V, 5 A, Coil: DC 12V T85	IEC 61810-1: 2015 + A1: 2019 EN 61810-1: 2015 + A1: 2020	TUV Rd R50195342

IEC 60335-2-9 & IEC 60335-2-25					
Clause	Requirement - Test		Result - Remark		Verdict
Alt.	Ningbo TianboGanglian Electronics Co., Ltd	TRG1D-12VDC-S-H	Contact: AC 250 V, 5 A, Coil: DC 12V T85	IEC 61810-1: 2015 + A1: 2019 EN 61810-1: 2015 + A1: 2020	TUV Rd R50108695
Alt.	Zhejiang Meishuo Electric Technology Co.,LTD	MPD-S-112-A	Contact: AC250V 5A Coil:DC12V T85	IEC 61810-1: 2015 + A1: 2019 EN 61810-1: 2015 + A1: 2020	TUV Rd R50184948
Switching power supply	GALANZ	MPP001	AC 90-240V, 50/60Hz 5W, DC5V 200mA,DC12V 200mA,75°C	IEC 61558-1: 2005 + A1: 2009 IEC 615582-2-16: 2009 + A1: 2013 EN 61558-1: 2005 + A1: 2009 EN 615582-2-16: 2009 + A1: 2013	TÜV Rd R 50464438
Components of Switching power supply, MPP001 (GalanZ), are listed as below:					
high frequency transformer	GALANZ	GAL-TR006	Pri. winding: N1: Φ 0,17mm×37Ts N2: Φ 0,17mm×111Ts N3: Φ 0,17mm×0,9Ts Sec. winding: N4: Φ 0,35mm×6Ts N5: Φ 0,40mm×8Ts Class 130	IEC/EN 61558-1 IEC/EN 61558-2-16 IEC/EN 60335-1 IEC/EN 60335-2-9 IEC/EN 60335-2-25	Tested with appliance
Varistor	Joyin Company Ltd	10N471K	Varistor Voltage:470V T85	IEC 61051-1: 2007 IEC 61051-2: 1991 IEC 61051-2-2: 1991 DIN EN 61051-1: 2009	VDE 005937
Alt.	Fenghua Advanced Tech. (Holding) Co., Ltd.	FNR-10K471 FNR-14K471	Varistor Voltage:470V T85	IEC 61051-1: 2007 IEC 61051-2: 1991 IEC 61051-2-2: 1991 DIN EN 61051-1: 2009	VDE 40008242
Alt.	Guangdong FashanKestar Electronic Co., Ltd.	MYG10-471A	Varistor Voltage:470V T85	IEC 61051-1: 2007 IEC 61051-2: 1991 IEC 61051-2-2: 1991 DIN EN 61051-1: 2009	VDE 40005616

IEC 60335-2-9 & IEC 60335-2-25					
Clause	Requirement - Test		Result - Remark		Verdict
Alt.	Hongzhi Enterprise Ltd.	HEL-10D471K	Varistor Voltage:470V T85	IEC 61051-1: 2007 IEC 61051-2: 1991 IEC 61051-2-2: 1991 DIN EN 61051-1: 2009	VDE 40037512
Alt.	Centra Science Corp.	CNR-10D471K CNR-14D471K	Varistor Voltage:470V T85	IEC 61051-1: 2007 IEC 61051-2: 1991 IEC 61051-2-2: 1991 DIN EN 61051-1: 2009	VDE 40008220
Alt.	Haohua Electronic Co.,	HVR 10K471, HVR 14K471	Varistor Voltage:470V, T85	IEC 61051-1: 2007 IEC 61051-2: 1991 IEC 61051-2-2: 1991 DIN EN 61051-1: 2009	VDE 40031718
Alt.	GUANGDONG DAFU ELECTRONIC S CO.,LTD	NDF-10D471K NDF-14D471K	Varistor Voltage: 470V,T125	IEC 61051-1: 2007 IEC 61051-2: 1991 IEC 61051-2-2: 1991 DIN EN 61051-1: 2009	VDE 40050909
Optocoupler	SHARP CORPORATIO N	PC817	Viso=5000V, T100	IEC 60747-5-5: 2020 EN 60747-5-5: 2020	VDE 40008087
Alt.	LITE-ON electronics, inc	LTV-817	Viso=5000V, T110	IEC 60747-5-5: 2020 EN 60747-5-5: 2020	VDE 40015248
Alt.	TOSHIBA	TLP781	Viso=5000V, T100	IEC 60747-5-5: 2020 EN 60747-5-5: 2020	VDE 40021173
Alt.	EVERLIGHT ELECTRONIC S Co., LTD	EL817	Viso=5000V, T100	IEC 60747-5-5: 2020 EN 60747-5-5: 2020	VDE 132249
Alt.	Renesas Electronics Corporation	PS2561A-1	Viso=5000V, T100	IEC 60747-5-5: 2020 EN 60747-5-5: 2020	VDE 40008862
Alt.	Toshiba Corporation Semiconductor	TLP785	Viso=5000V, T115	IEC 60747-5-5: 2020 EN 60747-5-5: 2020	VDE 40031808
Alternative switch mode power supply PCB incorporated in control panel PCB:					
Fuse link on PCB	Dongguan Better Electronics Technology Co., Ltd.	932	AC 250 V, 1 A	IEC 60127-1: 2006 + A1: 2011 + A2: 2015 IEC 60127-3: 2015 + A1: 2020 EN 60127-1: 2006 + A1: 2011 + A2: 2015 EN 60127-2: 2014 + A1: 2020	VDE 40033369

IEC 60335-2-9 & IEC 60335-2-25					
Clause	Requirement - Test			Result - Remark	Verdict
Alt.	Dongguan Better Electronic Technology Co Ltd	334	AC 250V, 1A	IEC 60127-1: 2006 + A1: 2011 + A2: 2015 IEC 60127-3: 2015 + A1: 2020 EN 60127-1: 2006 + A1: 2011 + A2: 2015 EN 60127-2: 2014 + A1: 2020	VDE 40025428
Alt.	XC Electronics(shenzhen)Corp.Ltd	5TE	AC 250V,1A	IEC 60127-1: 2006 + A1: 2011 + A2: 2015 IEC 60127-3: 2015 + A1: 2020 EN 60127-1: 2006 + A1: 2011 + A2: 2015 EN 60127-2: 2014 + A1: 2020	VDE 40036821
Alt.	XC Electronics (Shen Zhen) Corp. Ltd.	4T	AC 250V, 1A	IEC 60127-1: 2006 + A1: 2011 + A2: 2015 IEC 60127-3: 2015 + A1: 2020 EN 60127-1: 2006 + A1: 2011 + A2: 2015 EN 60127-2: 2014 + A1: 2020	VDE 40029295
Alt.	Shanghai Songshan Electronics	RT1-8	AC 250V,1A	IEC 60127-1: 2006 + A1: 2011 + A2: 2015 IEC 60127-3: 2015 + A1: 2020 EN 60127-1: 2006 + A1: 2011 + A2: 2015 EN 60127-2: 2014 + A1: 2020	TUV Rd R50345269
Alt.	Xiamen Set Electronics Co. Ltd.,	SPT478	AC 250V,1A	IEC 60127-1: 2006 + A1: 2011 + A2: 2015 IEC 60127-3: 2015 + A1: 2020 EN 60127-1: 2006 + A1: 2011 + A2: 2015 EN 60127-2: 2014 + A1: 2020	VDE 40049409

IEC 60335-2-9 & IEC 60335-2-25					
Clause	Requirement - Test		Result - Remark		Verdict
High frequency transformer	GALANZ	GAL-TR009	Pri. winding: N1: $\Phi 0,16\text{mm} \times 130\text{T}$ s N4: $\Phi 0,16\text{mm} \times 17\text{T}$ s E1: $\Phi 0,16\text{mm} \times 14\text{T}$ s Sec. winding: N2: $\Phi 0,40\text{mm} \times 13\text{T}$ s N3: $\Phi 0,30\text{mm} \times 7\text{T}$ s Class 130	IEC 61558-1: 2005 + A1: 2009 IEC 615582-2-16: 2009 + A1: 2013 EN 61558-1: 2005 + A1: 2009 EN 615582-2-16: 2009 + A1: 2013	Tested with appliance
Alt.	GALANZ	GAL-TR006	Pri. winding: N1: $\Phi 0,17\text{mm} \times 37\text{T}$ s N2: $\Phi 0,17\text{mm} \times 111\text{T}$ s N3: $\Phi 0,17\text{mm} \times 0,9\text{T}$ s Sec. winding: N4: $\Phi 0,35\text{mm} \times 6\text{T}$ s N5: $\Phi 0,40\text{mm} \times 8\text{T}$ s Class 130	IEC 61558-1: 2005 + A1: 2009 IEC 615582-2-16: 2009 + A1: 2013 EN 61558-1: 2005 + A1: 2009 EN 615582-2-16: 2009 + A1: 2013	Tested with appliance
Varistor	Joyin Company Ltd	10N471K	Varistor Voltage:470V T85	IEC 61051-1: 2007 IEC 61051-2: 1991 IEC 61051-2-2: 1991 DIN EN 61051-1: 2009	VDE 005937
Alt.	FenghuaAdv.Tech.(Holding)Co.,Ltd.	FNR-10K471 FNR-14K471	Varistor Voltage:470V T85	IEC 61051-1: 2007 IEC 61051-2: 1991 IEC 61051-2-2: 1991 DIN EN 61051-1: 2009	VDE 40008242
Alt.	Guangdong FashanKestar Electronic Co., Ltd.	MYG10-471A	Varistor Voltage:470V T85	IEC 61051-1: 2007 IEC 61051-2: 1991 IEC 61051-2-2: 1991 DIN EN 61051-1: 2009	VDE 40005616
Alt.	Hongzhi Enterprise Ltd.	HEL-10D471K	Varistor Voltage:470V T85	IEC 61051-1: 2007 IEC 61051-2: 1991 IEC 61051-2-2: 1991 DIN EN 61051-1: 2009	VDE 40037512

IEC 60335-2-9 & IEC 60335-2-25					
Clause	Requirement - Test		Result - Remark		Verdict
Alt.	Centra Science Corp.	CNR-10D471K CNR-14D471K	Varistor Voltage:470V T85	IEC 61051-1: 2007 IEC 61051-2: 1991 IEC 61051-2-2: 1991 DIN EN 61051-1: 2009	VDE 40008220
Alt.	Haohua Electronic Co.,	HVR 10K471, HVR 14K471	Varistor Voltage:470V T85	IEC 61051-1: 2007 IEC 61051-2: 1991 IEC 61051-2-2: 1991 DIN EN 61051-1: 2009	VDE 40031718
Alt.	GUANGDONG DAFU ELECTRONIC S CO.,LTD	NDF-10D471K NDF-14D471K	Varistor Voltage: 470V,T125	IEC 61051-1: 2007 IEC 61051-2: 1991 IEC 61051-2-2: 1991 DIN EN 61051-1: 2009	VDE 40050909
Alt.	FenghuaAdv.T ech.(Holding)C o.,Ltd.	FNR-10K621	Varistor Voltage: 620V,T85	IEC 61051-1: 2007 IEC 61051-2: 1991 IEC 61051-2-2: 1991 DIN EN 61051-1: 2009	VDE 40008242
Alt.	Haohua Electronic Co.,	HVR-10K621	Varistor Voltage: 620V,T85	IEC 61051-1: 2007 IEC 61051-2: 1991 IEC 61051-2-2: 1991 DIN EN 61051-1: 2009	VDE 40031718
Alt.	Centra Science Corp	CNR-10D621K	Varistor Voltage: 620V,T85	IEC 61051-1: 2007 IEC 61051-2: 1991 IEC 61051-2-2: 1991 DIN EN 61051-1: 2009	VDE 40008220
Alt.	GUANGDONG DAFU ELECTRONIC S CO.,LTD	NDF-10D621K NDF-14D621K	Varistor Voltage: 620V,T125	IEC 61051-1: 2007 IEC 61051-2: 1991 IEC 61051-2-2: 1991 DIN EN 61051-1: 2009	VDE 40050909
Optocoupler	SHARP CORP ELECTRONIC	PC817	Viso=5000V, T110	IEC 60747-5-5: 2020 EN 60747-5-5: 2020	VDE 40008087
Alt.	LITE-ON TECHNOLOGY CORP	LTV-817	Viso=5000V, T100	IEC 60747-5-5: 2020 EN 60747-5-5: 2020	VDE 40015248
Alt.	TOSHIBA CORP	TLP781	Viso=5000V, T110	IEC 60747-5-5: 2020 EN 60747-5-5: 2020	VDE 40021173
Alt.	EVERLIGHT ELECTRONIC S Co., LTD	EL817	Viso=5000V, T100	IEC 60747-5-5: 2020 EN 60747-5-5: 2020	VDE 132249
Alt.	Renesas Electronics Corporation	PS2561A-1	Viso=5000V, T110	IEC 60747-5-5: 2020 EN 60747-5-5: 2020	VDE 40008862

IEC 60335-2-9 & IEC 60335-2-25			
Clause	Requirement - Test	Result - Remark	Verdict

Alt.	Toshiba Corporation Semiconductor	TLP785	Viso=5000V, T100	IEC 60747-5-5: 2020 EN 60747-5-5: 2020	VDE 40031808
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29.1	TABLE: Clearances					P
	Overvoltage category: ..:				II	—
		Type of insulation:				
Rated impulse voltage (V):	Min. cl (mm)	Basic (mm)	Supplementary (mm)	Reinforced (mm)	Functional (mm)	Verdict / Remark
330	0,2* / 0,5 / 0,8**	—	—	—	—	N/A
500	0,2* / 0,5 / 0,8**	—	—	—	—	N/A
800	0,2* / 0,5 / 0,8**	—	—	—	—	N/A
1 500	0,5 / 0,8** / 1,0***	—	—	—	—	N/A
2 500	1,5 / 2,0***	—	—	—	a) 3,4	P
4 000	3,0 / 3,5***	—	—	b) 3,9	—	P
6 000	5,5 / 6,0***	—	—	—	—	N/A
8 000	8,0 / 8,5***	—	—	—	—	N/A
10 000	11,0 / 11,5***	—	—	—	—	N/A
Supplementary information:						
*) For tracks on printed circuit boards if pollution degree 1 and 2						
**) For pollution degree 3						
***) If the construction is affected by wear, distortion, movement of the parts or during assembly						
a): B/W live and neutral on control panel PCB;						
b): B/W live part on control panel PCB and SELV parts;						

29.2	TABLE: Creepage distances, basic, supplementary and reinforced insulation										P
Working voltage (V)	Creepage distance (mm) Pollution degree										
	1	2			3			Type of insulation			Verdict
		Material group			Material group						
		I	II	IIIa/IIIb	I	II	IIIa/IIIb*)	B**)	S**)	R**)	
≤50	0,18	0,6	0,85	1,2	1,5	1,7	1,9		—	—	N/A
≤50	0,18	0,6	0,85	1,2	1,5	1,7	1,9	—		—	N/A
≤50	0,36	1,2	1,7	2,4	3,0	3,4	3,8	—	—		N/A
125	0,28	0,75	1,05	1,5	1,9	2,1	2,4		—	—	N/A
125	0,28	0,75	1,05	1,5	1,9	2,1	2,4	—		—	N/A

IEC 60335-2-9 & IEC 60335-2-25											
Clause	Requirement - Test							Result - Remark			Verdict
125	0,56	1,5	2,1	3,0	3,8	4,2	4,8	—	—		N/A
250	0,56	1,25	1,8	2,5	3,2	3,6	4,0		—	—	N/A
250	0,56	1,25	1,8	2,5	3,2	3,6	4,0	—		—	N/A
250	1,12	2,5	3,6	5,0	6,4	7,2	8,0	—	—	b) 8,1	P
400	1,0	2,0	2,8	4,0	5,0	5,6	6,3		—	—	N/A
400	1,0	2,0	2,8	4,0	5,0	5,6	6,3	—		—	N/A
400	2,0	4,0	5,6	8,0	10,0	11,2	12,6	—	—		N/A
500	1,3	2,5	3,6	5,0	6,3	7,1	8,0		—	—	N/A
500	1,3	2,5	3,6	5,0	6,3	7,1	8,0	—		—	N/A
500	2,6	5,0	7,2	10,0	12,6	14,2	16,0	—	—		N/A
>630 and ≤800	1,8	3,2	4,5	6,3	8,0	9,0	10,0		—	—	N/A
>630 and ≤800	1,8	3,2	4,5	6,3	8,0	9,0	10,0	—		—	N/A
>630 and ≤800	3,6	6,4	9,0	12,6	16,0	18,0	20,0	—	—		N/A
>800 and ≤1000	2,4	4,0	5,6	8,0	10,0	11,0	12,5		—	—	N/A
>800 and ≤1000	2,4	4,0	5,6	8,0	10,0	11,0	12,5	—		—	N/A
>800 and ≤1000	4,8	8,0	11,2	16,0	20,0	22,0	25,0	—	—		N/A
>1000 and ≤1250	3,2	5,0	7,1	10,0	12,5	14,0	16,0		—	—	N/A
>1000 and ≤1250	3,2	5,0	7,1	10,0	12,5	14,0	16,0	—		—	N/A
>1000 and ≤1250	6,4	10,0	14,2	20,0	25,0	28,0	32,0	—	—		N/A
>1250 and ≤1600	4,2	6,3	9,0	12,5	16,0	18,0	20,0		—	—	N/A
>1250 and ≤1600	4,2	6,3	9,0	12,5	16,0	18,0	20,0	—		—	N/A
>1250 and ≤1600	8,4	12,6	18,0	25,0	32,0	36,0	40,0	—	—		N/A
>1600 and ≤2000	5,6	8,0	11,0	16,0	20,0	22,0	25,0		—	—	N/A
>1600 and ≤2000	5,6	8,0	11,0	16,0	20,0	22,0	25,0	—		—	N/A
>1600 and ≤2000	11,2	16,0	22,0	32,0	40,0	44,0	50,0	—	—		N/A
>2000 and ≤2500	7,5	10,0	14,0	20,0	25,0	28,0	32,0		—	—	N/A
>2000 and ≤2500	7,5	10,0	14,0	20,0	25,0	28,0	32,0	—		—	N/A
>2000 and ≤2500	15,0	20,0	28,0	40,0	50,0	56,0	64,0	—	—		N/A
>2500 and ≤3200	10,0	12,5	18,0	25,0	32,0	36,0	40,0		—	—	N/A
>2500 and ≤3200	10,0	12,5	18,0	25,0	32,0	36,0	40,0	—		—	N/A
>2500 and ≤3200	20,0	25,0	36,0	50,0	64,0	72,0	80,0	—	—		N/A

IEC 60335-2-9 & IEC 60335-2-25											
Clause	Requirement - Test							Result - Remark			Verdict
>3200 and ≤4000	12,5	16,0	22,0	32,0	40,0	45,0	50,0		—	—	N/A
>3200 and ≤4000	12,5	16,0	22,0	32,0	40,0	45,0	50,0	—		—	N/A
>3200 and ≤4000	25,0	32,0	44,0	64,0	80,0	90,0	100,0	—	—		N/A
>4000 and ≤5000	16,0	20,0	28,0	40,0	50,0	56,0	63,0		—	—	N/A
>4000 and ≤5000	16,0	20,0	28,0	40,0	50,0	56,0	63,0	—		—	N/A
>4000 and ≤5000	32,0	40,0	56,0	80,0	100,0	112,0	126,0	—	—		N/A
>5000 and ≤6300	20,0	25,0	36,0	50,0	63,0	71,0	80,0		—	—	N/A
>5000 and ≤6300	20,0	25,0	36,0	50,0	63,0	71,0	80,0	—		—	N/A
>5000 and ≤6300	40,0	50,0	72,0	100,0	126,0	142,0	160,0	—	—		N/A
>6300 and ≤8000	25,0	32,0	45,0	63,0	80,0	90,0	100,0		—	—	N/A
>6300 and ≤8000	25,0	32,0	45,0	63,0	80,0	90,0	100,0	—		—	N/A
>6300 and ≤8000	50,0	64,0	90,0	126,0	160,0	180,0	200,0	—	—		N/A
>8000 and ≤10000	32,0	40,0	56,0	80,0	100,0	110,0	125,0		—	—	N/A
>8000 and ≤10000	32,0	40,0	56,0	80,0	100,0	110,0	125,0	—		—	N/A
>8000 and ≤10000	64,0	80,0	112,0	160,0	200,0	220,0	250,0	—	—		N/A
>10000 and ≤12500	40,0	50,0	71,0	100,0	125,0	140,0	160,0		—	—	N/A
>10000 and ≤12500	40,0	50,0	71,0	100,0	125,0	140,0	160,0	—		—	N/A
>10000 and ≤12500	80,0	100,0	142,0	200,0	250,0	280,0	320,0	—	—		N/A
Supplementary information:											
*) Material group IIIb is allowed if the working voltage does not exceed 50 V											
**) B = Basic insulation, S = Supplementary insulation, R = Reinforced insulation											

29.2	TABLE: Creepage distances, functional insulation							P
Working voltage (V)	Creepage distance (mm) Pollution degree							
	1	2			3			
		Material group			Material group			
		I	II	IIIa/IIIb	I	II	IIIa/IIIb*)	Verdict / Remark
≤10	0,08	0,4	0,4	0,4	1,0	1,0	1,0	N/A
50	0,16	0,56	0,8	1,1	1,4	1,6	1,8	N/A
125	0,25	0,71	1,0	1,4	1,8	2,0	2,2	N/A
250	0,42	1,0	1,4	2,0	2,5	2,8	3,2	a) 3,4 / P
400	0,75	1,6	2,2	3,2	4,0	4,5	5,0	N/A

IEC 60335-2-9 & IEC 60335-2-25								
Clause	Requirement - Test						Result - Remark	Verdict
500	1,0	2,0	2,8	4,0	5,0	5,6	6,3	N/A
>630 and ≤800	1,8	3,2	4,5	6,3	8,0	9,0	10,0	N/A
>800 and ≤1000	2,4	4,0	5,6	8,0	10,0	11,0	12,5	N/A
>1000 and ≤1250	3,2	5,0	7,1	10,0	12,5	14,0	16,0	N/A
>1250 and ≤1600	4,2	6,3	9,0	12,5	16,0	18,0	20,0	N/A
>1600 and ≤2000	5,6	8,0	11,0	16,0	20,0	22,0	25,0	N/A
>2000 and ≤2500	7,5	10,0	14,0	20,0	25,0	28,0	32,0	N/A
>2500 and ≤3200	10,0	12,5	18,0	25,0	32,0	36,0	40,0	N/A
>3200 and ≤4000	12,5	16,0	22,0	32,0	40,0	45,0	50,0	N/A
>4000 and ≤5000	16,0	20,0	28,0	40,0	50,0	56,0	63,0	N/A
>5000 and ≤6300	20,0	25,0	36,0	50,0	63,0	71,0	80,0	N/A
>6300 and ≤8000	25,0	32,0	45,0	63,0	80,0	90,0	100,0	N/A
>8000 and ≤10000	32,0	40,0	56,0	80,0	100,0	110,0	125,0	N/A
>10000 and ≤12500	40,0	50,0	71,0	100,0	125,0	140,0	160,0	N/A
Supplementary information:								
*) Material group IIIb is allowed if the working voltage does not exceed 50 V								

-- End of report --

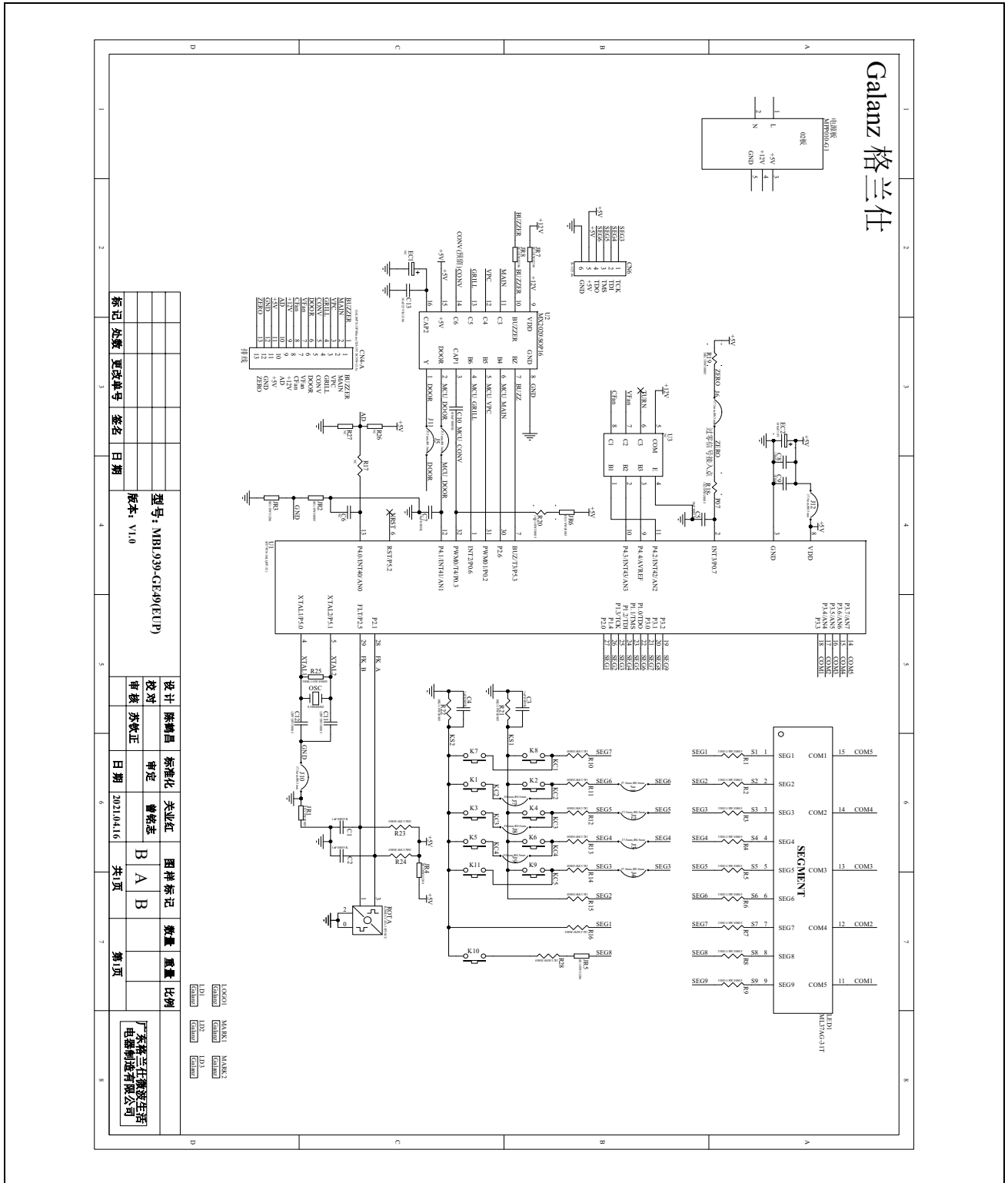
Attachment 2

Circuit

diagram documentation

Circuit diagram

Control panel PCB (MBL939-G)



Attachment 3**Photo documentation**

Type of equipment, model: Microwave Oven / D90D23(x)(y)(E17)

Details of: Appearance of D90D23EL-CH(E17), D90D23ESL-CH(E17), D90D23ETL-CH(E17)

View:

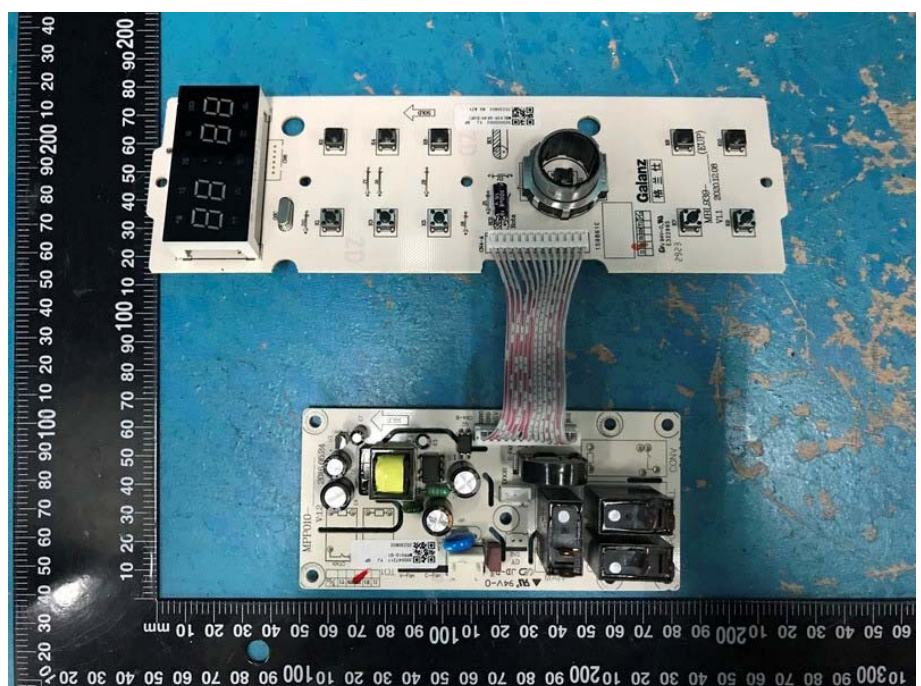
- ☐ general
- ☒ front
- ☐ rear
- ☐ right
- ☐ left
- ☐ top
- ☐ bottom



Details of: Control panel PCB (MBL939-G)

View:

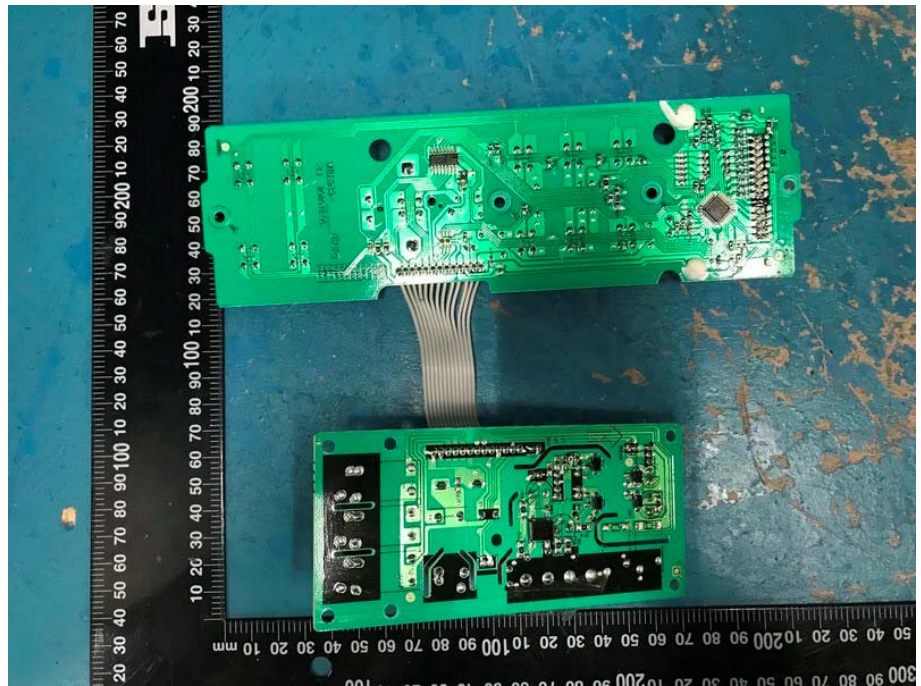
- ☒ general
- ☐ front
- ☐ rear
- ☐ right
- ☐ left
- ☐ top
- ☐ bottom



Attachment 3Details of: Control panel PCB (MBL939-G)

View:

- ☒ general
☐ front
☐ rear
☐ right
☐ left
☐ top
☐ bottom



--- End of this attachment ---

Attachment 4 Model list

D90D23(x)(y)(E17) (x)= L, SL, TL, EL, ETL, EP, ETP, AL, ATL, MP, MTP, ML, MTL, P, SP, TP, AP, ATP, DAL, DATL, ESL, ESP, ASL, MSP, MSL, ASP, DASL (y)= -ZS, -YR, -T2, -G3, -ZSF, -DA, -B7, -QF, -EA, -ZHA, -ZV, -ZVB, -ZW, -ZWA, -B1, -D4, -M8, -ZSA, -TS, -YT, -YX, -LXA, -XJA, -H3, -XCX, -B8, -ZWB, -BM2, -XC, -XJF, -B8G, -XJB, -CF, -ZVD, -G7, -BM1, -CG, -DU, -G5, -CH D90D23EL-B8/H(E17), D90D23EL-B8G/H(E17), D90D23ESL-B8/H(E17), D90D23ESL-B8G/H(E17), D90D23ETL-B8/H(E17), D90D23ETL-B8G/H(E17)			
Models:			Panel
With painted steel cavity	With stainless steel cavity	With Grey painted steel cavity	
D90D23L-ZS(E17) D90D23L-YR(E17) D90D23L-T2(E17) D90D23L-G3(E17) D90D23L-ZSF(E17) D90D23L-DA(E17) D90D23L-B7(E17) D90D23L-XCX(E17) D90D23P-ZS(E17)	D90D23SL-ZS(E17) D90D23SL-YR(E17) D90D23SL-T2(E17) D90D23SL-G3(E17) D90D23SL-ZSF(E17) D90D23SL-DA(E17) D90D23SL-B7(E17) D90D23SL-XCX(E17) D90D23SP-ZS(E17)	D90D23TL-ZS(E17) D90D23TL-YR(E17) D90D23TL-T2(E17) D90D23TL-G3(E17) D90D23TL-ZSF(E17) D90D23TL-DA(E17) D90D23TL-B7(E17) D90D23TL-XCX(E17) D90D23TP-ZS(E17)	Mechanical timer:TMH30MU02E (matching with the noise filter FD1-3L20or FD1-6K00)
D90D23EL-QF(E17)	D90D23ESL-QF(E17)	D90D23ETL-QF(E17)	Electrical PCB:MBL763-G (matching with the noise filter FN0-3L20or FN5-6K00)
D90D23EL-EA(E17)	D90D23ESL-EA(E17)	D90D23ETL-EA(E17)	Electrical PCB:MBL813-G (matching with the noise filter FN0-3L20 or FN5-6K00)
D90D23EL-ZHA(E17)	D90D23ESL-ZHA(E17)	D90D23ETL-ZHA(E17)	Electrical PCB:MBL736-G (matching with the noise filter FN0-3L20 or FN5-6K00)
D90D23EL-ZV(E17) D90D23EL-ZVB(E17) D90D23EL-ZVD(E17)	D90D23ESL-ZV(E17) D90D23ESL-ZVB(E17) D90D23ESL-ZVD(E17)	D90D23ETL-ZV(E17) D90D23ETL-ZVB(E17) D90D23ETL-ZVD(E17)	Electrical PCB:MBL751-G (matching with the noise filter FN0-3L20 or FN5-6K00)
D90D23EL-ZW(E17) D90D23EL-ZWA(E17) D90D23EL-ZWB(E17)	D90D23ESL-ZW(E17) D90D23ESL-ZWA(E17) D90D23ESL-ZWB(E17)	D90D23ETL-ZW(E17) D90D23ETL-ZWA(E17) D90D23ETL-ZWB(E17)	Electrical PCB:MBL752-G (matching with the noise filter FN0-3L20 or FN5-6K00)
D90D23EL-B1(E17)	D90D23ESL-B1(E17)	D90D23ETL-B1(E17)	Electrical PCB:MBL129-G (matching with the noise filter FN0-3L20 or FN5-6K00)
D90D23EL-D4(E17)	D90D23ESL-D4(E17)	D90D23ETL-D4(E17)	Electrical PCB:MBL015-G (matching with the noise filter FN0-3L20 or FN5-6K00)
D90D23MP-M8(E17)	D90D23MSP-M8(E17)	D90D23MTP-M8(E17)	Electrical PCB:MSL610-G (matching with the noise filter FN0-3L20 or FN5-6K00)
D90D23EL-ZSA(E17)	D90D23ESL-ZSA(E17)	D90D23ETL-ZSA(E17)	Electrical PCB:MBC643-G (matching with the noise filter FN0-3L20 or FN5-6K00)

Attachment 4 Model list

D90D23EL-TS(E17)	D90D23ESTL-TS(E17)	D90D23ETL-TS(E17)	Electrical PCB:MBC622-G (matching with the noise filter FN0-3L20 or FN5-6K00)
D90D23EL-YT(E17)	D90D23ESL-YT(E17)	D90D23ETL-YT(E17)	Electrical PCB: MBL325-G (matching with the noise filter FN0-3L20 or FN5-6K00)
D90D23EP-YX(E17)	D90D23ESP-YX(E17)	D90D23ETP-YX(E17)	Electrical PCB: MBL330-G (matching with the noise filter FN0-3L20 or FN5-6K00)
D90D23EL-LXA(E17)	D90D23ESL-LXA(E17)	D90D23ETL-LXA(E17)	Electrical PCB: MBL726-G (matching with the noise filter FN0-3L20 or FN5-6K00)
D90D23EL-XJA(E17) D90D23EL-XJB(E17)	D90D23ESL-XJA(E17) D90D23ESL-XJB(E17)	D90D23ETL-XJA(E17) D90D23ETL-XJB(E17)	Electrical PCB: MBL794-G (matching with the noise filter FN0-3L20 or FN5-6K00)
D90D23EL-T2(E17)	D90D23ESL-T2(E17)	D90D23ETL-T2(E17)	Electrical PCB: MBL034-G (matching with the noise filter FN0-3L20 or FN5-6K00)
D90D23AL-ZSA(E17)	D90D23ASL-ZSA(E17)	D90D23ATL-ZSA(E17)	Electrical PCB: MEC636-G (matching with the noise filter FN0-3L20 or FN5-6K00)
D90D23EP-H3(E17)	D90D23ESP-H3(E17)	D90D23ETP-H3(E17)	Electrical PCB: MBL208-G (matching with the noise filter FN0-3L20 or FN5-6K00)
D90D23EL-B8(E17) D90D23EL-B8G(E17) D90D23EL-B8/H(E17) D90D23EL-B8G/H(E17)	D90D23ESL-B8(E17) D90D23ESL-B8G(E17) D90D23ESL-B8/H(E17) D90D23ESL-B8G/H(E17)	D90D23ETL-B8(E17) D90D23ETL-B8G(E17) D90D23ETL-B8/H(E17) D90D23ETL-B8G/H(E17)	Electrical PCB: MBL127-G (matching with the noise filter FN0-3L20 or FN5-6K00)
D90D23EL-BM2(E17)	D90D23ESL-BM2(E17)	D90D23ETL-BM2(E17)	Electrical PCB: MBL528-G (matching with the noise filter FN0-3L20 or FN5-6K00)
D90D23EL-XC(E17) D90D23EL-XJF(E17)	D90D23ESL-XC(E17) D90D23ESL-XJF(E17)	D90D23ETL-XC(E17) D90D23ETL-XJF(E17)	Electrical PCB: MBL411-G (matching with the noise filter FN0-3L20 or FN5-6K00)

Attachment 4 Model list

D90D23ML-B8(E17)	D90D23MSL-B8(E17)	D90D23MTL-B8(E17)	Electrical PCB: MSL138-G (matching with the noise filter FN0-3L20 or FN5-6K00)
D90D23AP-H3(E17)	D90D23ASP-H3(E17)	D90D23ATP-H3(E17)	Electrical PCB: MEL859-G (matching with the noise filter FN0-3L20 or FN5-6K00)
D90D23EL-CF(E17)	D90D23ESL-CF(E17)	D90D23ETL-CF(E17)	Electrical PCB: MBL938-G (matching with the noise filter FN0-3L20 or FN5-6K00)
D90D23EP-G7(E17)	D90D23ESP-G7(E17)	D90D23ETP-G7(E17)	Electrical PCB: MBL608-G (matching with the noise filter FN0-3L20 or FN5-6K00)
D90D23AP-BM1(E17)	D90D23ASP-BM1(E17)	D90D23ATP-BM1(E17)	Electrical PCB: MEL659-G (matching with the noise filter FN0-3L20 or FN5-6K00)
D90D23EL-CG(E17)	D90D23ESL-CG(E17)	D90D23ETL-CG(E17)	Electrical PCB: MBL945-G (matching with the noise filter FN0-3L20 or FN5-6K00)
D90D23DAL-DU(E17)	D90D23DASL-DU(E17)	D90D23DATL-DU(E17)	Electrical PCB: MEL975-G (matching with the noise filter FN0-3L20 or FN5-6K00)
D90D23EP-G5(E17)	D90D23ESP-G5(E17)	D90D23ETP-G5(E17)	Electrical PCB: MBL982-G (matching with the noise filter FN0-3L20 or FN5-6K00)
D90D23EL-CH(E17)	D90D23ESL-CH(E17)	D90D23ETL-CH(E17)	Electrical PCB: MBL939-G (matching with the noise filter FN0-3L20 or FN5-6K00)

--- End of this Attachment ---

To:
Guangdong Galanz Enterprises Co., Ltd.
25 Ronggui Nan Road, Shunde, Foshan,
Guangdong, China

2023-09-13

Application for: **GS Mark license**
Certificate No.: **GS/23/HEL/01516**
Product: **Microwave oven**
Type: **D90D23(x)(y)(E17) ((x)= L, SL, TL, EL, ETL, EP, ETP, AL, ATL, MP, MTP, ML, MTL, P, SP, TP, AP, ATP, DAL, DATL, ESL, ESP, ASL, MSP, MSL, ASP, DASL ; (y)= -ZS, -YR, -T2, -G3, -ZSF, -DA, -B7, -QF, -EA, -ZHA, -ZV, -ZVB, -ZW, -ZWA, -B1, -D4, -M8, -ZSA, -TS, -YT, -YX, -LXA, -XJA, -H3, -XCX, -B8, -ZWB, -BM2, -XC, -XJF, -B8G, -XJB, -CF, -ZVD, -G7, -BM1, -CG, -DU, -G5, -CH), D90D23EL-B8/H(E17), D90D23EL-B8G/H(E17), D90D23ESL-B8/H(E17), D90D23ESL-B8G/H(E17), D90D23ETL-B8/H(E17), D90D23ETL-B8G/H(E17)**

Dear Sir/Madam,

The submitted sample of your product has been tested and found in compliance with the required standards on the certificate as stipulated above.
Additionally, if the authorized representative changes, please inform us immediately.

Kind Regards



Ralf Klingberg
Certification Body
SGS Fimko Ltd

VERIFICATION OF COMPLIANCE

No.: UKCA LVD GZES2308014464HS

Applicant: Guangdong Galanz Enterprises Co., Ltd.
25 Ronggui Nan Road, Shunde, Foshan, Guangdong, China

Manufacturer: Guangdong Galanz Microwave Electrical Appliances
Manufacturing Co., Ltd.
3 Xingpu Avenue, Huangpu, Zhongshan, Guangdong, China

Product Name: Microwave Oven

Product Description: Microwave Oven

Model No.: See page 2

Trade Mark: **Galanz**

Rating: 230 V – 240 V; 230 V; 50 Hz; 1400 W (Microwave), 1000 W
(Grill); Microwave output: 900 W; 2450 MHz

Protection against Electric Shock: Class I

Additional Information: This verification replaces UKCA LVD
GZES2305009911HS

Sufficient samples of the product have been tested and found to be in conformity with

Test Standard: EN IEC 60335-2-25: 2021 + A11: 2021
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

as shown in the

Test Report Number(s): GZES230500991102A1

This Verification of Compliance has been granted to the applicant based on the results of tests, performed by Laboratory of SGS-CSTC Standards Technical Services Co., Ltd. on sample of the above-mentioned product in accordance with the provisions of the relevant designated standards under UK Legislation - Electrical Equipment (Safety) Regulations 2016. The UKCA marking as shown below can be affixed, under the responsibility of the manufacturer, after completion of a UK Declaration of Conformity and compliance with all relevant UK Legislations.


David Guo
Senior Technical Manager
SGS-CSTC



**UK
CA**

2023-09-13

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Member of SGS Group (Société Générale de Surveillance)



No.:

UKCA LVD GZES2308014464HS

Other information added:

Model No.: D90D23(x)(y)(E17)
(x)= L, SL, TL, EL, ETL, EP, ETP, AL, ATL, MP, MTP, ML, MTL, P, SP, TP, AP, ATP,
DAL, DATL, ESL, ESP, ASL, MSP, MSL, ASP, DASL
(y)= -ZS, -YR, -T2, -G3, -ZSF, -DA, -B7, -QF, -EA, -ZHA, -ZV, -ZVB, -ZW, -ZWA, -B1, -D4,
-YT, -YX, -LXA, -XJA, -H3, -XCX, -B8, -ZWB, -BM2, -XC, -XJF, -B8G, -XJB, -CF, -ZVD,
-G7, -BM1, -CG, -DU, -G5, -CH
D90D23EL-B8/H(E17), D90D23EL-B8G/H(E17), D90D23ESL-B8/H(E17),
D90D23ESL-B8G/H(E17), D90D23ETL-B8/H(E17), D90D23ETL-B8G/H(E17)

David Guo

Senior Technical Manager

SGS-CSTC



2023-09-13

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Member of SGS Group (Société Générale de Surveillance)



Contract for using components and construction parts

Form No.: Safety-QR-035

Reference report number: GZES230500991102A1

Page: 1 of 35

Between Applicant: **Guangdong Galanz Enterprises Co., Ltd.**
25 Ronggui Nan Road, Shunde, Foshan, Guangdong, China

And: **SGS-CSTC Standards Technical Services Co., Ltd. Shunde Branch**
Building 1, European Industrial Park, No.1, Shunhe South Road,
Wusha, Daliang, Shunde District, Foshan, Guangdong, China

1. The applicant requests the SGS-CSTC Standards Technical Services Co.,Ltdfor the following described products, which are produced or sold under his name, testing and certification as follows:

Manufacturer: Guangdong Galanz Microwave Electrical Appliances Manufacturing Co., Ltd.
3 Xingpu Avenue, Huangpu, Zhongshan, Guangdong, China

Factory: 1. Guangdong Galanz Microwave Oven and Electrical Appliances Manufacturing
Co., Ltd.
25 Ronggui Nan Road, Shunde, Foshan, Guangdong, China
2. Guangdong Galanz Microwave Electrical Appliances Manufacturing Co., Ltd.
3 Xingpu Avenue, Huangpu, Zhongshan, Guangdong, China

Kind of Equip.: Microwave Oven

Type: D90D23(x)(y)(E17)
(x)= L, SL, TL, EL, ETL, EP, ETP, AL, ATL, MP, MTP, ML, MTL, P, SP, TP, AP,
ATP, DAL, DATL, ESL, ESP, ASL, MSP, MSL, ASP, DASL
(y)= -ZS, -YR, -T2, -G3, -ZSF, -DA, -B7, -QF, -EA, -ZHA, -ZV, -ZVB, -ZW, -ZWA,
-B1, -D4, -M8, -ZSA, -TS, -YT, -YX, -LXA, -XJA, -H3, -XCX, -B8, -ZWB, -BM2, -XC,
-XJF, -B8G, -XJB, -CF, -ZVD, -G7, -BM1, -CG, -DU, -G5, -CH
D90D23EL-B8/H(E17), D90D23EL-B8G/H(E17), D90D23ESL-B8/H(E17),
D90D23ESL-B8G/H(E17), D90D23ETL-B8/H(E17), D90D23ETL-B8G/H(E17)

Rated Voltage: 230 V – 240V; 230 V, 50 Hz

Rated Input Power/Current: 1400W (Microwave), 1000W (Grill),

Microwave output: 900 W, 2450 MHz

Protection Class: Class I

Moisture Protection: IPX0

Supply Conn.: Non-detachable cord fitted a plug

Additional information
(e.g. short time operation, duration of operation, rated pressure, construction material etc.):

Approved Model List:

Models:			Panel
With painted steel cavity	With stainless steel cavity	With Grey painted steel cavity	
D90D23L-ZS(E17) D90D23L-YR(E17) D90D23L-T2(E17) D90D23L-G3(E17) D90D23L-ZSF(E17) D90D23L-DA(E17) D90D23L-B7(E17) D90D23L-XCX(E17) D90D23P-ZS(E17)	D90D23SL-ZS(E17) D90D23SL-YR(E17) D90D23SL-T2(E17) D90D23SL-G3(E17) D90D23SL-ZSF(E17) D90D23SL-DA(E17) D90D23SL-B7(E17) D90D23SL-XCX(E17) D90D23SP-ZS(E17)	D90D23TL-ZS(E17) D90D23TL-YR(E17) D90D23TL-T2(E17) D90D23TL-G3(E17) D90D23TL-ZSF(E17) D90D23TL-DA(E17) D90D23TL-B7(E17) D90D23TL-XCX(E17) D90D23TP-ZS(E17)	Mechanical timer:TMH30MU02E (matching with the noise filter FD1-3L20or FD1-6K00)
D90D23EL-QF(E17)	D90D23ESL-QF(E17)	D90D23ETL-QF(E17)	Electrical PCB:MBL763-G (matching with the noise filter FN0-3L20or FN5-6K00)
D90D23EL-EA(E17)	D90D23ESL-EA(E17)	D90D23ETL-EA(E17)	Electrical PCB:MBL813-G (matching with the noise filter FN0-3L20 or FN5-6K00)
D90D23EL-ZHA(E17)	D90D23ESL-ZHA(E17)	D90D23ETL-ZHA(E17)	Electrical PCB:MBL736-G (matching with the noise filter FN0-3L20 or FN5-6K00)
D90D23EL-ZV(E17) D90D23EL-ZVB(E17) D90D23EL-ZVD(E17)	D90D23ESL-ZV(E17) D90D23ESL-ZVB(E17) D90D23ESL-ZVD(E17)	D90D23ETL-ZV(E17) D90D23ETL-ZVB(E17) D90D23ETL-ZVD(E17)	Electrical PCB:MBL751-G (matching with the noise filter FN0-3L20 or FN5-6K00)
D90D23EL-ZW(E17) D90D23EL-ZWA(E17) D90D23EL-ZWB(E17)	D90D23ESL-ZW(E17) D90D23ESL-ZWA(E17) D90D23ESL-ZWB(E17)	D90D23ETL-ZW(E17) D90D23ETL-ZWA(E17) D90D23ETL-ZWB(E17)	Electrical PCB:MBL752-G (matching with the noise filter FN0-3L20 or FN5-6K00)
D90D23EL-B1(E17)	D90D23ESL-B1(E17)	D90D23ETL-B1(E17)	Electrical PCB:MBL129-G (matching with the noise filter FN0-3L20 or FN5-6K00)
D90D23EL-D4(E17)	D90D23ESL-D4(E17)	D90D23ETL-D4(E17)	Electrical PCB:MBL015-G (matching with the noise filter FN0-3L20 or FN5-6K00)
D90D23MP-M8(E17)	D90D23MSP-M8(E17)	D90D23MTP-M8(E17)	Electrical PCB:MSL610-G (matching with the noise filter FN0-3L20 or FN5-6K00)
D90D23EL-ZSA(E17)	D90D23ESL-ZSA(E17)	D90D23ETL-ZSA(E17)	Electrical PCB:MBC643-G (matching with the noise filter FN0-3L20 or FN5-6K00)
D90D23EL-TS(E17)	D90D23ESTL-TS(E17)	D90D23ETL-TS(E17)	Electrical PCB:MBC622-G (matching with the noise filter FN0-3L20 or FN5-6K00)
D90D23EL-YT(E17)	D90D23ESL-YT(E17)	D90D23ETL-YT(E17)	Electrical PCB: MBL325-G (matching with the noise filter FN0-3L20 or FN5-6K00)
D90D23EP-YX(E17)	D90D23ESP-YX(E17)	D90D23ETP-YX(E17)	Electrical PCB: MBL330-G (matching with the noise filter FN0-3L20 or FN5-6K00)
D90D23EL-LXA(E17)	D90D23ESL-LXA(E17)	D90D23ETL-LXA(E17)	Electrical PCB: MBL726-G (matching with the noise filter FN0-3L20 or FN5-6K00)
D90D23EL-XJA(E17) D90D23EL-XJB(E17)	D90D23ESL-XJA(E17) D90D23ESL-XJB(E17)	D90D23ETL-XJA(E17) D90D23ETL-XJB(E17)	Electrical PCB: MBL794-G (matching with the noise filter FN0-3L20 or FN5-6K00)

D90D23EL-T2(E17)	D90D23ESL-T2(E17)	D90D23ETL-T2(E17)	Electrical PCB: MBL034-G (matching with the noise filter FN0-3L20 or FN5-6K00)
D90D23AL-ZSA(E17)	D90D23ASL-ZSA(E17)	D90D23ATL-ZSA(E17)	Electrical PCB: MEC636-G (matching with the noise filter FN0-3L20 or FN5-6K00)
D90D23EP-H3(E17)	D90D23ESP-H3(E17)	D90D23ETP-H3(E17)	Electrical PCB: MBL208-G (matching with the noise filter FN0-3L20 or FN5-6K00)
D90D23EL-B8(E17) D90D23EL-B8G(E17) D90D23EL-B8/H(E17) D90D23EL- B8G/H(E17)	D90D23ESL-B8(E17) D90D23ESL-B8G(E17) D90D23ESL-B8/H(E17) D90D23ESL-B8G/H(E17)	D90D23ETL-B8(E17) D90D23ETL-B8G(E17) D90D23ETL-B8/H(E17) D90D23ETL- B8G/H(E17)	Electrical PCB: MBL127-G (matching with the noise filter FN0-3L20 or FN5-6K00)
D90D23EL-BM2(E17)	D90D23ESL-BM2(E17)	D90D23ETL-BM2(E17)	Electrical PCB: MBL528-G (matching with the noise filter FN0-3L20 or FN5-6K00)
D90D23EL-XC(E17) D90D23EL-XJF(E17)	D90D23ESL-XC(E17) D90D23ESL-XJF(E17)	D90D23ETL-XC(E17) D90D23ETL-XJF(E17)	Electrical PCB: MBL411-G (matching with the noise filter FN0-3L20 or FN5-6K00)
D90D23ML-B8(E17)	D90D23MSL-B8(E17)	D90D23MTL-B8(E17)	Electrical PCB: MSL138-G (matching with the noise filter FN0-3L20 or FN5-6K00)
D90D23AP-H3(E17)	D90D23ASP-H3(E17)	D90D23ATP-H3(E17)	Electrical PCB: MEL859-G (matching with the noise filter FN0-3L20 or FN5-6K00)
D90D23EL-CF(E17)	D90D23ESL-CF(E17)	D90D23ETL-CF(E17)	Electrical PCB: MBL938-G (matching with the noise filter FN0-3L20 or FN5-6K00)
D90D23EP-G7(E17)	D90D23ESP-G7(E17)	D90D23ETP-G7(E17)	Electrical PCB: MBL608-G (matching with the noise filter FN0-3L20 or FN5-6K00)
D90D23AP-BM1(E17)	D90D23ASP-BM1(E17)	D90D23ATP-BM1(E17)	Electrical PCB: MEL659-G (matching with the noise filter FN0-3L20 or FN5-6K00)
D90D23EL-CG(E17)	D90D23ESL-CG(E17)	D90D23ETL-CG(E17)	Electrical PCB: MBL945-G (matching with the noise filter FN0-3L20 or FN5-6K00)
D90D23DAL-DU(E17)	D90D23DASL-DU(E17)	D90D23DATL-DU(E17)	Electrical PCB: MEL975-G (matching with the noise filter FN0-3L20 or FN5-6K00)
D90D23EP-G5(E17)	D90D23ESP-G5(E17)	D90D23ETP-G5(E17)	Electrical PCB: MBL982-G (matching with the noise filter FN0-3L20 or FN5-6K00)
D90D23EL-CH(E17)	D90D23ESL-CH(E17)	D90D23ETL-CH(E17)	Electrical PCB: MBL939-G (matching with the noise filter FN0-3L20 or FN5-6K00)

Component List

Object / part No.	Manufacturer/ trademark	Type / model	Technical data	Standard	Mark(s) of conformity ¹⁾
Fan motor	Galanz	GAL6313EQ-ZD	AC 220-240V 50/60Hz, Class F	IEC/EN 60335-1 IEC/EN 60335-2-9 IEC/EN 60335-2-25	Tested with appliance
Alt. (Only for electrical models)	Galanz	GAL6309E-ZD	AC 220- 240V, 50/60Hz, Class B	IEC/EN 60335-1 IEC/EN 60335-2-9 IEC/EN 60335-2-25	Tested with appliance
Turntable motor	Galanz	SM-16E(F)	AC 220-240 V, 3 W, 50/60Hz, Class F	IEC/EN 60335-1 IEC/EN 60335-2-9 IEC/EN 60335-2-25	Tested with appliance
Timer	Galanz	TMH30MU02E	Motor: AC220/240V, 50Hz, Class E, Contact: SW1-2: AC 250 V, 15 A, SW2-3: AC 250 V, 8 A	IEC 60730-2-7: 2013 + A1: 2015 EN 60730-2-7: 2010	170720097 GZU-001
Heater	Galanz	GA	115V, 450W x 2	IEC/EN 60335-1 IEC/EN 60335-2-9 IEC/EN 60335-2-25	Tested with appliance
High voltage capacitor	Ningbo Bicai Industry Co., Ltd.	CH85 21100	AC 2100 V, T85 1,0uF, 50/60Hz	IEC 61270-1: 1996 EN 61270-1: 1996	VDE 138073
Alt.	Anhui Juan kuang Electric Co., Ltd	CH85	AC 2100 V, T85 1,0uF, 50/60Hz	IEC 61270-1: 1996 EN 61270-1: 1996	VDE 40041452
H.V. diode	Nantong Gaoxin Electronic Co Ltd	CL04-12	FVD:12V, AFC: 450mA, RBV:12KVDC	IEC/EN 60335-1 IEC/EN 60335-2-9 IEC/EN 60335-2-25	Tested with appliance
Alt.	RugaoDachan g Electronics Co., Ltd.	CL04-12	FVD: 12V AFC: 450mA RBV: 12KVDC	IEC/EN 60335-1 IEC/EN 60335-2-9 IEC/EN 60335-2-25	Tested with appliance
High voltage fuse	Shanghai Songshan Electronic Co.,Ltd	GERF1-40	AC 5KV, 0,8A	IEC 60127-1: 2006 + A1: 2011 + A2: 2015 IEC 60127-3: 2015 + A1: 2020 EN 60127-1: 2006 + A1: 2011 + A2: 2015 EN 60127-2: 2014 + A1: 2020	TÜV Rd J 50099362

Alt.	Shanghai Songshan Electronic Co.,Ltd	GERF-IV	AC 5KV, 0,8A	IEC 60127-1: 2006 + A1: 2011 + A2: 2015 IEC 60127-3: 2015 + A1: 2020 EN 60127-1: 2006 + A1: 2011 + A2: 2015 EN 60127-2: 2014 + A1: 2020	TÜV Rd J 50099362
Alt.	Dongguan Better Electronic Technology Co., Ltd.	HV or 722	AC 5KV, 0,8A	IEC 60127-1: 2006 + A1: 2011 + A2: 2015 IEC 60127-3: 2015 + A1: 2020 EN 60127-1: 2006 + A1: 2011 + A2: 2015 EN 60127-2: 2014 + A1: 2020	TÜV Rd J 50136139
Alt.	Orisel Co., Ltd	T.H.V. 060T	AC 5000V, 0,8A	IEC 60127-1: 2006 + A1: 2011 + A2: 2015 IEC 60127-3: 2015 + A1: 2020 EN 60127-1: 2006 + A1: 2011 + A2: 2015 EN 60127-2: 2014 + A1: 2020	TÜV Rd R 9454138
Alt.	Shanghai Songshan Electronics Co., Ltd	GERF-VII	AC 5KV 0,8A	IEC 60127-1: 2006 + A1: 2011 + A2: 2015 IEC 60127-3: 2015 + A1: 2020 EN 60127-1: 2006 + A1: 2011 + A2: 2015 EN 60127-2: 2014 + A1: 2020	TÜV Rd J 50099362
H.V. transformer	Galanz	GAL-900E-4	AC 230-240V, 50Hz, Class 220	IEC/EN 60335-1 IEC/EN 60335-2-9 IEC/EN 60335-2-25	Tested with appliance
Thermalcut-out on H,V, transformer (High voltage fuse and Double diode are mutually exclusive to thermal protectors in applications)	Jiangsu YitongControl SystemCo., Ltd.	17AM***	AC250V 10A Tf170	IEC 60730-2-9: 2015 + A1: 2018 IEC 60730-1: 2013 + A1: 2015 EN 60730-2-9: 2019 + A1: 2019 EN 60730-1: 2016 + A1: 2019	TUV Rd R50286149
Alt.	ChangShu Xin DuAn Electric Co., Ltd	17AM-x	AC250V 10A Tf170	IEC 60730-2-9: 2015 + A1: 2018 IEC 60730-1: 2013 + A1: 2015 EN 60730-2-9: 2019 + A1: 2019 EN 60730-1: 2016 + A1: 2019	TUV Rd R 50350788

Alt.	Jiangsu Engfee Electric Appliance Technology Co.,Ltd.	C17AM 17AM	AC250V,9A, Tf170, 1E4	IEC 60730-2-9: 2015 + A1: 2018 IEC 60730-1: 2013 + A1: 2015 EN 60730-2-9: 2019 + A1: 2019 EN 60730-1: 2016 + A1: 2019	TUV Rd R 50423923
Alt.	Changzhou Changyue Electric Co., Ltd.	17AMG170A5	AC250V,16A, Tf170, 1E4	IEC 60730-2-9: 2015 + A1: 2018 IEC 60730-1: 2013 + A1: 2015 EN 60730-2-9: 2019 + A1: 2019 EN 60730-1: 2016 + A1: 2019	TUV SUD N8A 004648 0002
Lamp holder	YuyaoChanghong Electric	E14-A	AC 250V, 2A, T170	IEC 60238: 2016 EN 60238: 2018 + A1: 2018	VDE 40004460
Alt.	Zhejiang Heye Electronics Co., Ltd	HY-01, HY-02, HY-03	AC 250V, 2A, E14, T170	IEC 60238: 2016 EN 60238: 2018 + A1: 2018	TUV Rd R 50149232
Lamp holder (Integrated lamp)	Deqing New MinghuiElectric Lighting Co.,Ltd.	Z187	AC 250 V, 2A Lamp:230V 20W	IEC/EN 60335-1 IEC/EN 60335-2-9 IEC/EN 60335-2-25	Tested with appliance
Alt.	Ningbo Jiahong Lighting And Technology Co Ltd	Z187	AC 250 V, 2A Lamp:230V 20W	IEC/EN 60335-1 IEC/EN 60335-2-9 IEC/EN 60335-2-25	Tested with appliance
Alt.	DeqingDinghui Lighting Co.,Ltd.	F-E14	AC 250 V, 2A Lamp:230V 20W	IEC/EN 60335-1 IEC/EN 60335-2-9 IEC/EN 60335-2-25	Tested with appliance
Alt.	DeqingXinjiyu anAppliance Lighting Co.,Ltd.	F-E14	AC 250 V, 2A Lamp:230V 20W	IEC/EN 60335-1 IEC/EN 60335-2-9 IEC/EN 60335-2-25	Tested with appliance
Alt.	Dongguan HeYu Lighting Products Co., Ltd.	Z187	AC 250 V, 2A Lamp:230V 20W	IEC/EN 60335-1 IEC/EN 60335-2-9 IEC/EN 60335-2-25	Tested with appliance
Alt. (Integrated LED lamp)	Deqing New MinghuiElectric Lighting Co.,Ltd.	Z187	Holder:250V2A T170 LED Lamp:230V 1W	IEC/EN 60335-1 IEC/EN 60335-2-9 IEC/EN 60335-2-25	Tested with appliance
Alt. (Integrated LED lamp)	MLS CO., LTD	Z187	Holder:250V 2A T170 LED Lamp:230V 1W	IEC/EN 60335-1 IEC/EN 60335-2-9 IEC/EN 60335-2-25	Tested with appliance

Alt. (Integrated LED lamp)	Deqing New Minghui Electric Lighting Co., Ltd.	Z187	Holder:250V2A T170 LED Lamp:230V 1.5W	IEC/EN 60335-1 IEC/EN 60335-2-9 IEC/EN 60335-2-25	Tested with appliance
Alt. (Integrated LED lamp)	MLS CO., LTD	Z187	Holder:250V 2A T170 LED Lamp:230V 1.5W	IEC/EN 60335-1 IEC/EN 60335-2-9 IEC/EN 60335-2-25	Tested with appliance
Magnetron	Galanz	M24FB-610A	PO : 900 W, FO : 2450-2470 MHz	IEC/EN 60335-1 IEC/EN 60335-2-9 IEC/EN 60335-2-25	Tested with appliance
Micro switch (latch switch /monitor switch)	Galanz	W-15-302C W-15-102C	AC 250V, 15A, T105,5E4	IEC 61058-1: 2016 IEC 61058-1-1: 2016 EN 61058-1: 2018 EN 61058-1-1: 2016	TUV Rd R 50181337
Alt.	Yueqing Tongda	HK-14	AC 250 V, 16 A, T125, 50E3(5E4)	IEC 61058-1: 2016 IEC 61058-1-1: 2016 EN 61058-1: 2018 EN 61058-1-1: 2016	VDE 40027032
Alt.	Shanghai Qiaoh Industry Co., Ltd.	V-J	AC 250 V, 16 A, T125, 5E4	IEC 61058-1: 2016 IEC 61058-1-1: 2016 EN 61058-1: 2018 EN 61058-1-1: 2016	UL ENEC- 00074-A3
Plastic Control Panel	CHI MEI corporation	ABS PA-777D	94HB	IEC/EN 60335-1 IEC/EN 60335-2-9 IEC/EN 60335-2-25	ULE56070 Tested with appliance
Alt.	LG CHEMICAL LTD	ABS HI121H	94HB	IEC/EN 60335-1 IEC/EN 60335-2-9 IEC/EN 60335-2-25	ULE67171 Tested with appliance
Alt.	LG CHEMICAL LTD	ABS AF312C	94-V0	IEC/EN 60335-1 IEC/EN 60335-2-9 IEC/EN 60335-2-25	ULE67171 Tested with appliance
Alt.	LG CHEM LTD	ABS AF327(&)	94-V0	IEC/EN 60335-1 IEC/EN 60335-2-9 IEC/EN 60335-2-25	UL:E67171 Tested with appliance
Alt.	Silver Age Engineering Plastics(Dongguan) Co Ltd	ABS 3360	94-V0	IEC/EN 60335-1 IEC/EN 60335-2-9 IEC/EN 60335-2-25	UL:E225348 Tested with appliance
Alt.	Super-Dragon Engineering Plastics Co Ltd	ABS FRABS410	94-V0	IEC/EN 60335-1 IEC/EN 60335-2-9 IEC/EN 60335-2-25	UL:E201164 Tested with appliance
Alt.	LG CHEM LTD	ABS AF365(&)	94V-0	IEC/EN 60335-1 IEC/EN 60335-2-9 IEC/EN 60335-2-25	UL:E67171 Tested with appliance

Alt.	Super-Dragon Engineering Plastics Co Ltd	ABS 810	94V-0	IEC/EN 60335-1 IEC/EN 60335-2-9 IEC/EN 60335-2-25	ULE201164 Tested with appliance
Alt.	LG CHEM LTD	ABS XR404(#)	94V-0	IEC/EN 60335-1 IEC/EN 60335-2-9 IEC/EN 60335-2-25	ULE67171 Tested with appliance
Alt.	TORAY INDUSTRIES INC	ABS 440Y	94V-0	IEC/EN 60335-1 IEC/EN 60335-2-9 IEC/EN 60335-2-25	ULE41797 Tested with appliance
Plastic door cover	CHI MEI corporation	ABS PA-777D	94HB	IEC/EN 60335-1 IEC/EN 60335-2-9 IEC/EN 60335-2-25	ULE56070 Tested with appliance
Alt.	LG CHEMICAL LTD	ABS HI121H	94HB	IEC/EN 60335-1 IEC/EN 60335-2-9 IEC/EN 60335-2-25	ULE67171 Tested with appliance
Plastic material supporting micro switch	Guangzhou Keyuan Innovative Materials Co Ltd	PBT301-G20	94-V0	IEC/EN 60335-1 IEC/EN 60335-2-9 IEC/EN 60335-2-25	UL E201440 Tested with appliance
Alt.	Guangdong Rynon New Material Co., Ltd	PBT-V3020	94V-0	IEC/EN 60335-1 IEC/EN 60335-2-9 IEC/EN 60335-2-25	UL E246958 Tested with appliance
Alt.	Guang Dong High & New Plastic CoLtd	PBT FR-301	94-V0	IEC/EN 60335-1 IEC/EN 60335-2-9 IEC/EN 60335-2-25	UL E227341 Tested with appliance
Alt.	Guang Dong High & New Plastic CoLtd	PP FR-101	94-V0	IEC/EN 60335-1 IEC/EN 60335-2-9 IEC/EN 60335-2-25	ULE227341 Tested with appliance
Alt.	POLYROCKS CHEMICAL CO.LTD	PP-5000(f1)	94-V0	IEC/EN 60335-1 IEC/EN 60335-2-9 IEC/EN 60335-2-25	UL E340831 Tested with appliance
Alt.	SUPER-DRAGONEN GINEERING PLASTICS COLTD	PBTFG430	94V-0	IEC/EN 60335-1 IEC/EN 60335-2-9 IEC/EN 60335-2-25	UL:E201164 Tested with appliance
Alt.	Shanghai Kumho Sunny Plastics Co Ltd	PBT37Y0FG-NH	94V-0	IEC/EN 60335-1 IEC/EN 60335-2-9 IEC/EN 60335-2-25	UL E254819 Tested with appliance
Plastic supporting frame (fan motor & noise filter board)	Guang Dong High & New Plastic CoLtd	PP FR-101	94-V0	IEC/EN 60335-1 IEC/EN 60335-2-9 IEC/EN 60335-2-25	ULE227341 Tested with appliance
Alt.	POLYROCKS CHEMICAL CO.LTD	PP-5000(f1)	94-V0	IEC/EN 60335-1 IEC/EN 60335-2-9 IEC/EN 60335-2-25	UL E340831 Tested with appliance

Plastic of heat shield	Guangdong Shunde Hones Polymer Material Co., Ltd	PBT007(HS-PBTGF-BK20A)	94HB	IEC/EN 60335-1 IEC/EN 60335-2-9 IEC/EN 60335-2-25	Tested with appliance
Plug	Galanz	GAL-01V	AC 250 V, 16 A	DIN VDE 0620-2-1: 2016 + A1: 2017	KEMA 4323022.01
Alt.	Guangdong Huasheng Electrical Appliances Co., Ltd.	CT-104	AC 250 V, 16 A	DIN VDE 0620-2-1: 2016 + A1: 2017	VDE 40006002
Alt.	Unirise Electric Wire & Cable Co.,Ltd	UE-312	AC 250 V, 16 A	DIN VDE 0620-2-1: 2016 + A1: 2017	VDE 40013356
Alt.	Guangdong Rifeng Electrical Cable Co., Ltd.	RF-01	AC 250 V, 16 A	DIN VDE 0620-2-1: 2016 + A1: 2017	VDE 40026780
Alt.	Shenzhen Tongyuan Industrial Co., Ltd.	TY-E301A	AC 250 V, 16 A	DIN VDE 0620-2-1: 2016 + A1: 2017	VDE 40029748
Alt.	Mainland Wire & Cable Co., Ltd.	ML-302	AC 250 V, 16 A	DIN VDE 0620-2-1: 2016 + A1: 2017	VDE 40012805
Alt.	Guangdong Xiongrun Electrical Co.,Ltd.	XR-322	AC 250 V, 16 A	DIN VDE 0620-2-1: 2016 + A1: 2017	VDE 40006857
Alt.	I-Sheng Electric Wire & Cable Co.,Ltd	SP-023	AC 250 V, 16 A	DIN VDE 0620-2-1: 2016 + A1: 2017	VDE 40013796
Alt.	Dongguan Yuxin Wire & Cable Co., Ltd.	YX-201	AC 250 V, 16 A	DIN VDE 0620-2-1: 2016 + A1: 2017	VDE 40001445
Alt.	Friendship Enterprises International Ltd.	FE-03P	AC 250 V, 16 A	DIN VDE 0620-2-1: 2016 + A1: 2017	VDE 40021547
Alt.	Guangdong GalanzElectric Fittings Manufacturing Co.,Ltd	GAL-01V	AC 250 V, 16 A	DIN VDE 0620-2-1: 2016 + A1: 2017	VDE 40051950
BS plug	Galanz	GAL-01B	AC 250V, w/approved 13Acurrent fuse	BS 1363-1: 2016 + A1: 2018	TUV Rd R50496707
Alt.	Unirise Electric Wire & Cable Co.,Ltd	UE-324	AC 250V, w/approved 13A current fuse	BS 1363-1: 2016 + A1: 2018	ASTA NO.941

Alt.	Guangdong Huasheng Electrical Appliances Co., Ltd.	CT-307	AC 250V, w/approved 13A current fuse	BS 1363-1: 2016 + A1: 2018	ASTA NO.885
Alt.	Mainland Wire & Cable Co.,Ltd.	ML-313	AC 250V, w/approved 13A current fuse	BS 1363-1: 2016 + A1: 2018	ASTA NO.876
Alt.	Guangdong Xiongrun Electrical Co.,Ltd.	XR-318A	AC 250V, w/approved 13A current fuse	BS 1363-1: 2016 + A1: 2018	ASTA NO.737
Alt.	I-SHENG Electric Wire & Cable Co.,Ltd	SP-60	AC 250V, w/approved 13A current fuse	BS 1363-1: 2016 + A1: 2018	ASTA NO.250
Alt.	Dongguan Yuxin Wire & Cable Co., Ltd.	YX-901	AC 250V, w/approved 13A current fuse	BS 1363-1: 2016 + A1: 2018	ASTA NO.1158
Alt.	Shenzhen Tongyuan Industrial Co., Ltd.	TY-UK302	AC 250V, w/approved 13A current fuse	BS 1363-1: 2016 + A1: 2018	ASTA NO.1083
Alt.	Friendship Enterprises International Ltd.	FE-130P	AC 250V, w/approved 13A current fuse	BS 1363-1: 2016 + A1: 2018	ASTANO.13 07
Alt.	Friendship Enterprises International Ltd.	FE-129P	AC 250V, w/approved 13A current fuse	BS 1363-1: 2016 + A1: 2018	ASTA NO.1293
Alt.	I-SHENG Electric Wire & Cable Company Limited	SP-65	AC 250V, w/approved 13A current fuse	BS 1363-1: 2016 + A1: 2018	ASTA NO.1268
Alt.	Guangdong Galanz Enterprises co.,Ltd	GAL-01R	AC 250V, w/approved 13Acurrent fuse	BS 1363-1: 2016+A1: 2018	ASTA NO.1341
Swiss plug	Guangdong Huasheng Electrical Appliances Co., Ltd.	CT-110	AC 250 V, 10 A	SEV 6534-2 IEC 60884-1	ESTI 14.0687
Alt.	Unirise Electric Wire & Cable Co.,Ltd	UE-345	AC 250 V, 10 A	SEV 6534-2 IEC 60884-1	ESTI 21.0655
Alt.	Mainland Wire & Cable Co.,Ltd.	ML-317	AC 250 V, 10 A	SEV 6534-2 IEC 60884-1	ESTI 20.0310

Alt.	Guangdong Xiongrun Electrical Co.,Ltd.	XR-313	AC 250 V, 10 A	SEV 6534-2 IEC 60884-1	ESTI 20.0120
Alt.	I-SHENG Electric Wire & Cable Co.,Ltd	SP-027C	AC 250 V, 10 A	SEV 6534-2 IEC 60884-1	ESTI 21.0335
Alt.	Dongguan Yuxin Wire & Cable Co., Ltd.	YX-SEV01	AC 250 V, 10 A	SEV 6534-2 IEC 60884-1	ESTI 15.0731
Alt.	Friendship Enterprises International Ltd	FE-119P	AC 250 V, 10 A	SEV 6534-2 IEC 60884-1	ESTI 21.0459
Power cord	Dongguan Yuxin Wire & Cable Co.,Ltd.	H05RR-F H05RN-F	3G 1,0mm ² or 3G 0,75mm ² (Length < 2 m)	IEC 60227-5: 2011 EN 50525-2-11: 2011	VDE 40026945
Alt.	Hui Zhou Mainland Electric Wire & Cable Co Ltd	H05RR-F H05RN-F	3G 1,0mm ² or 3G 0,75mm ² (Length < 2 m)	IEC 60227-5: 2011 EN 50525-2-11: 2011	VDE 40026038
Alt.	Guangdong Rifeng Wire & Cable Co.,Ltd.	H05RR-F H05RN-F	3G 1,0mm ² or 3G 0,75mm ² (Length < 2 m)	IEC 60227-5: 2011 EN 50525-2-11: 2011	VDE 40015999
Alt.	Guangdong Huasheng Electrical Appliances Co., Ltd.	H05RR-F H05RN-F	3G 1,0mm ² or 3G 0,75mm ² (Length < 2 m)	IEC 60227-5: 2011 EN 50525-2-11: 2011	VDE 40016788
Alt.	Unirise Electric Wire & Cable Co.,Ltd	H05RR-F H05RN-F	3G 1,0mm ² or 3G 0,75mm ² (Length < 2 m)	IEC 60227-5: 2011 EN 50525-2-11: 2011	VDE 40044005
Alt.	I-Sheng Electric Wire & Cable Co.,Ltd	H05RR-F H05RN-F	3G 1,0mm ² or 3G 0,75mm ² (Length < 2 m)	IEC 60227-5: 2011 EN 50525-2-11: 2011	VDE 40014085
Alt.	Guangdong Xiongrun Electrical Co.,Ltd.	H05RR-F H05RN-F	3G 1,0mm ² or 3G 0,75mm ² (Length < 2 m)	IEC 60227-5: 2011 EN 50525-2-11: 2011	VDE 40044694
Alt.	Guangzhou Panyu Cable Group Co.,Ltd	H05RR-F H05RN-F	3G 1,0mm ² or 3G 0,75mm ² (Length < 2 m)	IEC 60227-5: 2011 EN 50525-2-11: 2011	VDE 40033315
Alt.	Ningbo Light-Heavy Electronics Technology Co., Ltd	H05RR-F H05RN-F	3G 1,0mm ² or 3G 0,75mm ² (Length < 2 m)	IEC 60227-5: 2011 EN 50525-2-11: 2011	VDE 40024301
Internal wire to H.V. transformer	Qian Li Ma	3239	60000V 200°C	IEC/EN 60335-1 IEC/EN 60335-2-9 IEC/EN 60335-2-25	UL E204933 Tested with appliance

Alt.	NIZING ELECTRIC CO LTD	3239	60000V 200°C	IEC/EN 60335-1 IEC/EN 60335-2-9 IEC/EN 60335-2-25	UL E215834 Tested with appliance
Alt.	Yang Tai Wire & Cable Co Ltd	3239	60000V,200°C	IEC/EN 60335-1 IEC/EN 60335-2-9 IEC/EN 60335-2-25	UL E214859 Tested with appliance
Alt.	HANSTAR FLUORO- PLASTIC INSULATED ELECTRIC WIRES	3239	60000V,200°C	IEC/EN 60335-1 IEC/EN 60335-2-9 IEC/EN 60335-2-25	UL E159007 Tested with appliance
Alt.	Guangzhou FengtaiMeihu a Cable Co Ltd	3239	60000V,200°C	IEC/EN 60335-1 IEC/EN 60335-2-9 IEC/EN 60335-2-25	UL E204798 Tested with appliance
Internal wire	Linoya Electronic Technology Co Ltd	1015	18-22AWG, 600V, 105°C	IEC/EN 60335-1 IEC/EN 60335-2-9 IEC/EN 60335-2-25	UL E315619 Tested with appliance
Alt.	Weihai Hong Lin Electronic Co Ltd	1015	18-22AWG, 600V, 105°C	IEC/EN 60335-1 IEC/EN 60335-2-9 IEC/EN 60335-2-25	UL E239426 Tested with appliance
Alt.	Zhongshan Qi Liang Wire Mfr Co Ltd	1015	18-22AWG, 600V, 105°C	IEC/EN 60335-1 IEC/EN 60335-2-9 IEC/EN 60335-2-25	UL E320362 Tested with appliance
Alt.	ZhongshanFu yuantong Wire & Cable Co Ltd	1015	18-22AWG, 600V, 105°C	IEC/EN 60335-1 IEC/EN 60335-2-9 IEC/EN 60335-2-25	UL E241989 Tested with appliance
Alt.	Zhongshan City Liangyu Wire And Cable Co Ltd	1015	18-22AWG, 600V, 105°C	IEC/EN 60335-1 IEC/EN 60335-2-9 IEC/EN 60335-2-25	UL E340038 Tested with appliance
Alt.	Dongguan City Futai Electronic Technology Co.,Ltd	1015	18-22AWG, 600V, 105°C	IEC/EN 60335-1 IEC/EN 60335-2-9 IEC/EN 60335-2-25	UL E314597 Tested with appliance
Alt.	Zhongshan Yong Rol Electric Co Ltd	1015	18-22AWG, 600V, 105°C	IEC/EN 60335-1 IEC/EN 60335-2-9 IEC/EN 60335-2-25	UL E204893 Tested with appliance
Alt.	ZhongshanXin sheng Electric Co Ltd	1015	18-22AWG, 600V, 105°C	IEC/EN 60335-1 IEC/EN 60335-2-9 IEC/EN 60335-2-25	UL E328303 Tested with appliance
Alt.	Jiangyin Jiangzhou Copper Product Co Ltd	1015	18-22AWG, 600V, 105°C	IEC/EN 60335-1 IEC/EN 60335-2-9 IEC/EN 60335-2-25	UL E341212 Tested with appliance

Alt.	Yang Tai Wire & Cable Co Ltd	1015	16-22AWG, 600V, 105°C	IEC/EN 60335-1 IEC/EN 60335-2-9 IEC/EN 60335-2-25	UL E214859 Tested with appliance
Alt.	Yutong Electronics (Huizhou)Co., LTD	1015	16-22AWG, 600V, 105°C	IEC/EN 60335-1 IEC/EN 60335-2-9 IEC/EN 60335-2-25	UL E301048 Tested with appliance
Alt.	Dongguan Evk Electric Technique Co Ltd	1015	16-22AWG, 600V, 105°C	IEC/EN 60335-1 IEC/EN 60335-2-9 IEC/EN 60335-2-25	UL E302679 Tested with appliance
Alt.	HanstarFluoro-Plastic Insulated Electric Wires	1015	16-22AWG, 600V, 105°C	IEC/EN 60335-1 IEC/EN 60335-2-9 IEC/EN 60335-2-25	UL E159007 Tested with appliance
Alt.	Dongguan Sheng Pai Electric Wire & Cable Co Ltd	1015	16-22AWG, 600V, 105°C	IEC/EN 60335-1 IEC/EN 60335-2-9 IEC/EN 60335-2-25	UL E347603 Tested with appliance
Alt.	Foshan Shunde Huakun Electric Co Ltd	1015	16-22AWG, 600V, 105°C	IEC/EN 60335-1 IEC/EN 60335-2-9 IEC/EN 60335-2-25	UL E305878 Tested with appliance
Alt.	Shenzhen Bao Hing Electric Wire & Cable Mfr Co Ltd	1015	16-22AWG, 600V, 105°C	IEC/EN 60335-1 IEC/EN 60335-2-9 IEC/EN 60335-2-25	UL E168141 Tested with appliance
Alt.	Dongguan Kelin Wire Corporation	1569	16-22AWG,300V, 105°C	IEC/EN 60335-1 IEC/EN 60335-2-9 IEC/EN 60335-2-25	UL E250866 Tested with appliance
Alt.	Zhongshan Yong Rol Electric Co Ltd	1569	16-22AWG,300V, 105°C	IEC/EN 60335-1 IEC/EN 60335-2-9 IEC/EN 60335-2-25	UL E204893 Tested with appliance
Alt.	Dongguan City Futai Electronic Technology Co.,Ltd	1569	16-22AWG,300V, 105°C	IEC/EN 60335-1 IEC/EN 60335-2-9 IEC/EN 60335-2-25	UL E314597 Tested with appliance
Alt.	ZhongshanFu yuantong Wire &Cable Co Ltd	1569	16-22AWG,300V, 105°C	IEC/EN 60335-1 IEC/EN 60335-2-9 IEC/EN 60335-2-25	UL E241989 Tested with appliance
Alt.	Weihai Hong Lin Electronic Co Ltd	1569	16-22AWG,300V, 105°C	IEC/EN 60335-1 IEC/EN 60335-2-9 IEC/EN 60335-2-25	UL E239426 Tested with appliance
Alt.	Zhongshan Qi Liang Wire Mfr Co Ltd	1569	16-22AWG,300V, 105°C	IEC/EN 60335-1 IEC/EN 60335-2-9 IEC/EN 60335-2-25	UL E320362 Tested with appliance

Alt.	Zhongshan City Liangyu Wire And Cable Co Ltd	1569	16-22AWG,300V, 105°C	IEC/EN 60335-1 IEC/EN 60335-2-9 IEC/EN 60335-2-25	UL E340038 Tested with appliance
Alt.	ZhongshanXin sheng Electric Co Ltd	1569	16-22AWG,300V, 105°C	IEC/EN 60335-1 IEC/EN 60335-2-9 IEC/EN 60335-2-25	UL E328303 Tested with appliance
Alt.	Jiangyin Jiangzhou Copper Product Co Ltd	1569	16-22AWG,300V, 105°C	IEC/EN 60335-1 IEC/EN 60335-2-9 IEC/EN 60335-2-25	UL E341212 Tested with appliance
Alt.	Dongguan Evk Electric Technique Co Ltd	1569	16-22AWG,300V, 105°C	IEC/EN 60335-1 IEC/EN 60335-2-9 IEC/EN 60335-2-25	UL E302679 Tested with appliance
Alt.	Yang Tai Wire & Cable Co Ltd	1569	16-22AWG,300V, 105°C	IEC/EN 60335-1 IEC/EN 60335-2-9 IEC/EN 60335-2-25	UL E214859 Tested with appliance
Alt.	Yutong Electronics (Huizhou)Co., LTD	1569	16-22AWG, 300V, 105°C	IEC/EN 60335-1 IEC/EN 60335-2-9 IEC/EN 60335-2-25	UL E301048 Tested with appliance
Alt.	Linoya Electronic Technology Co Ltd	1569	16-22AWG, 300V, 105°C	IEC/EN 60335-1 IEC/EN 60335-2-9 IEC/EN 60335-2-25	UL E315619 Tested with appliance
Alt.	HanstarFluoro -Plastic Insulated Electric Wires	1569	16-22AWG, 300V, 105°C	IEC/EN 60335-1 IEC/EN 60335-2-9 IEC/EN 60335-2-25	UL E159007 Tested with appliance
Alt.	Dongguan Sheng Pai Electric Wire & Cable Co Ltd	1569	16-22AWG, 300V, 105°C	IEC/EN 60335-1 IEC/EN 60335-2-9 IEC/EN 60335-2-25	UL E347603 Tested with appliance
Alt.	Foshan Shunde Huakun Electric Co Ltd	1569	16-22AWG, 300V, 105°C	IEC/EN 60335-1 IEC/EN 60335-2-9 IEC/EN 60335-2-25	UL E305878 Tested with appliance
Alt.	Shenzhen Bao Hing Electric Wire & Cable Mfr Co Ltd	1569	16-22AWG, 300V, 105°C	IEC/EN 60335-1 IEC/EN 60335-2-9 IEC/EN 60335-2-25	UL E168141 Tested with appliance
Alt.	Jiangyin Jiangzhou Copper Product Co Ltd	1332	16-22AWG, 300V, 200°C	IEC/EN 60335-1 IEC/EN 60335-2-9 IEC/EN 60335-2-25	UL E341212 Tested with appliance
Alt.	Guangzhou Feng Tai Electronic Co Ltd	1332	16-22AWG, 300V, 200°C	IEC/EN 60335-1 IEC/EN 60335-2-9 IEC/EN 60335-2-25	UL E204798 Tested with appliance

Alt.	Nizing Electric Co Ltd	1332	16-22AWG, 300V, 200°C	IEC/EN 60335-1 IEC/EN 60335-2-9 IEC/EN 60335-2-25	UL E215834 Tested with appliance
Alt.	Dongguan Zhihe Electrical Cable Tech Co Ltd	1332	16-22AWG, 300V, 200°C	IEC/EN 60335-1 IEC/EN 60335-2-9 IEC/EN 60335-2-25	UL E258239 Tested with appliance
Alt.	Foshan City Zheng Guan Fluoroplastics Wire Factory	1332	16-22AWG, 300V, 200°C	IEC/EN 60335-1 IEC/EN 60335-2-9 IEC/EN 60335-2-25	UL E307535 Tested with appliance
Alt.	Shenzhen Mysun Insulation Materials Co Ltd	1332	16-22AWG, 300V, 200°C	IEC/EN 60335-1 IEC/EN 60335-2-9 IEC/EN 60335-2-25	UL E239689 Tested with appliance
Alt.	Dongguan Evk Electric Technique Co Ltd	1332	16-22AWG, 300V, 200°C	IEC/EN 60335-1 IEC/EN 60335-2-9 IEC/EN 60335-2-25	UL E302679 Tested with appliance
Alt.	Yang Tai Wire & Cable Co Ltd	1332	16-22AWG, 300V, 200°C	IEC/EN 60335-1 IEC/EN 60335-2-9 IEC/EN 60335-2-25	UL E214859 Tested with appliance
Alt.	HanstarFluoro-Plastic Insulated Electric Wires	1332	16-22AWG, 300V, 200°C	IEC/EN 60335-1 IEC/EN 60335-2-9 IEC/EN 60335-2-25	UL E159007 Tested with appliance
Alt.	Guangdong Rifeng Electric Cable Co Ltd	1332	16-22AWG, 300V, 200°C	IEC/EN 60335-1 IEC/EN 60335-2-9 IEC/EN 60335-2-25	UL E243545 Tested with appliance
Alt.	Foshan Shunde Huakun Electric Co Ltd	1332	16-22AWG, 300V, 200°C	IEC/EN 60335-1 IEC/EN 60335-2-9 IEC/EN 60335-2-25	UL E305878 Tested with appliance
Alt.	Dongguan Sheng Pai Electric Wire & Cable Co Ltd	1332	16-22AWG, 300V, 200°C	IEC/EN 60335-1 IEC/EN 60335-2-9 IEC/EN 60335-2-25	UL E347603 Tested with appliance
Alt.	Shenzhen Mysun Insulation Materials Co Ltd	3122	16-22AWG, 300V, 200°C	IEC/EN 60335-1 IEC/EN 60335-2-9 IEC/EN 60335-2-25	UL E239689 Tested with appliance
Alt.	Foshan Shunde Pantai Special Wire Rod Electronics Co Ltd	3122	16-22AWG, 300V, 200°C	IEC/EN 60335-1 IEC/EN 60335-2-9 IEC/EN 60335-2-25	UL E346532 Tested with appliance

Alt.	Dongguan Evk Electric Technique Co Ltd	3122	16-22AWG, 300V, 200°C	IEC/EN 60335-1 IEC/EN 60335-2-9 IEC/EN 60335-2-25	UL E302679 Tested with appliance
Alt.	Guangzhou FengtaiMeihu a Cable Co Ltd	3122	16-22AWG, 300V, 200°C	IEC/EN 60335-1 IEC/EN 60335-2-9 IEC/EN 60335-2-25	UL E204798 Tested with appliance
Alt.	Dongguan Boli Electronic Co Ltd	3122	16-22AWG, 300V, 200°C	IEC/EN 60335-1 IEC/EN 60335-2-9 IEC/EN 60335-2-25	UL E305164 Tested with appliance
Alt.	Nizing Electric Co Ltd	3122	16-22AWG, 300V, 200°C	IEC/EN 60335-1 IEC/EN 60335-2-9 IEC/EN 60335-2-25	UL E215834 Tested with appliance
Alt.	Yang Tai Wire & Cable Co Ltd	3122	16-26AWG, 300V, 200°C	IEC/EN 60335-1 IEC/EN 60335-2-9 IEC/EN 60335-2-25	UL E214859 Tested with appliance
Alt.	Foshan Shunde Pantai Special Wire Rod Electronics Co Ltd	3122	16-26AWG, 300V, 200°C	IEC/EN 60335-1 IEC/EN 60335-2-9 IEC/EN 60335-2-25	UL E346532 Tested with appliance
Alt.	HanstarFluoro-Plastic Insulated Electric Wires	3122	16-26AWG, 300V, 200°C	IEC/EN 60335-1 IEC/EN 60335-2-9 IEC/EN 60335-2-25	UL E159007 Tested with appliance
Alt.	Guangdong Rifeng Electric Cable Co Ltd	3122	16-26AWG, 300V, 200°C	IEC/EN 60335-1 IEC/EN 60335-2-9 IEC/EN 60335-2-25	UL E243545 Tested with appliance
Alt.	Dongguan Sheng Pai Electric Wire & Cable Co Ltd	3122	16-26AWG, 300V, 200°C	IEC/EN 60335-1 IEC/EN 60335-2-9 IEC/EN 60335-2-25	UL E347603 Tested with appliance
Internal wire (for grill)	Jiangyin Jiangzhou Copper Product Co Ltd	1332	16-22AWG, 300V, 200°C	IEC/EN 60335-1 IEC/EN 60335-2-9 IEC/EN 60335-2-25	UL E341212 Tested with appliance
Alt.	Guangzhou Feng Tai Electronic Co Ltd	1332	16-22AWG, 300V, 200°C	IEC/EN 60335-1 IEC/EN 60335-2-9 IEC/EN 60335-2-25	UL E204798 Tested with appliance
Alt.	Nizing Electric Co Ltd	1332	16-22AWG, 300V, 200°C	IEC/EN 60335-1 IEC/EN 60335-2-9 IEC/EN 60335-2-25	UL E215834 Tested with appliance
Alt.	Dongguan Zhihe Electrical Cable Tech Co Ltd	1332	16-22AWG, 300V, 200°C	IEC/EN 60335-1 IEC/EN 60335-2-9 IEC/EN 60335-2-25	UL E258239 Tested with appliance

Alt.	Foshan City Zheng Guan Fluoroplastics Wire Factory	1332	16-22AWG, 300V, 200°C	IEC/EN 60335-1 IEC/EN 60335-2-9 IEC/EN 60335-2-25	UL E307535 Tested with appliance
Alt.	Shenzhen Mysun Insulation Materials Co Ltd	1332	16-22AWG, 300V, 200°C	IEC/EN 60335-1 IEC/EN 60335-2-9 IEC/EN 60335-2-25	UL E239689 Tested with appliance
Alt.	Dongguan Evk Electric Technique Co Ltd	1332	16-22AWG, 300V, 200°C	IEC/EN 60335-1 IEC/EN 60335-2-9 IEC/EN 60335-2-25	UL E302679 Tested with appliance
Alt.	Yang Tai Wire & Cable Co Ltd	1332	16-22AWG, 300V, 200°C	IEC/EN 60335-1 IEC/EN 60335-2-9 IEC/EN 60335-2-25	UL E214859 Tested with appliance
Alt.	HanstarFluoro -Plastic Insulated Electric Wires	1332	16-22AWG, 300V, 200°C	IEC/EN 60335-1 IEC/EN 60335-2-9 IEC/EN 60335-2-25	UL E159007 Tested with appliance
Alt.	Guangdong Rifeng Electric Cable Co Ltd	1332	16-22AWG, 300V, 200°C	IEC/EN 60335-1 IEC/EN 60335-2-9 IEC/EN 60335-2-25	UL E243545 Tested with appliance
Alt.	Foshan Shunde Huakun Electric Co Ltd	1332	16-22AWG, 300V, 200°C	IEC/EN 60335-1 IEC/EN 60335-2-9 IEC/EN 60335-2-25	UL E305878 Tested with appliance
Alt.	Dongguan Sheng Pai Electric Wire & Cable Co Ltd	1332	16-22AWG, 300V, 200°C	IEC/EN 60335-1 IEC/EN 60335-2-9 IEC/EN 60335-2-25	UL E347603 Tested with appliance
Alt.	Shenzhen Mysun Insulation Materials Co Ltd	3122	16-22AWG, 300V, 200°C	IEC/EN 60335-1 IEC/EN 60335-2-9 IEC/EN 60335-2-25	UL E239689 Tested with appliance
Alt.	Foshan Shunde Pantai Special Wire Rod Electronics Co Ltd	3122	16-22AWG, 300V, 200°C	IEC/EN 60335-1 IEC/EN 60335-2-9 IEC/EN 60335-2-25	UL E346532 Tested with appliance
Alt.	Dongguan Evk Electric Technique Co Ltd	3122	16-22AWG, 300V, 200°C	IEC/EN 60335-1 IEC/EN 60335-2-9 IEC/EN 60335-2-25	UL E302679 Tested with appliance
Alt.	Guangzhou FengtaiMeihu a Cable Co Ltd	3122	16-22AWG, 300V, 200°C	IEC/EN 60335-1 IEC/EN 60335-2-9 IEC/EN 60335-2-25	UL E204798 Tested with appliance
Alt.	Dongguan Boli Electronic Co Ltd	3122	16-22AWG, 300V, 200°C	IEC/EN 60335-1 IEC/EN 60335-2-9 IEC/EN 60335-2-25	UL E305164 Tested with appliance

Alt.	Nizing Electric Co Ltd	3122	16-22AWG, 300V, 200°C	IEC/EN 60335-1 IEC/EN 60335-2-9 IEC/EN 60335-2-25	UL E215834 Tested with appliance
Alt.	Yang Tai Wire & Cable Co Ltd	3122	16-26AWG, 300V, 200°C	IEC/EN 60335-1 IEC/EN 60335-2-9 IEC/EN 60335-2-25	UL E214859 Tested with appliance
Alt.	Foshan Shunde Pantai Special Wire Rod Electronics Co Ltd	3122	16-26AWG, 300V, 200°C	IEC/EN 60335-1 IEC/EN 60335-2-9 IEC/EN 60335-2-25	UL E346532 Tested with appliance
Alt.	HanstarFluoro-Plastic Insulated Electric Wires	3122	16-26AWG, 300V, 200°C	IEC/EN 60335-1 IEC/EN 60335-2-9 IEC/EN 60335-2-25	UL E159007 Tested with appliance
Alt.	Guangdong Rifeng Electric Cable Co Ltd	3122	16-26AWG, 300V, 200°C	IEC/EN 60335-1 IEC/EN 60335-2-9 IEC/EN 60335-2-25	UL E243545 Tested with appliance
Alt.	Dongguan Sheng Pai Electric Wire & Cable Co Ltd	3122	16-26AWG, 300V, 200°C	IEC/EN 60335-1 IEC/EN 60335-2-9 IEC/EN 60335-2-25	UL E347603 Tested with appliance
PCB/PWB material	Kingboard Laminates Ltd.	KB-1150, KB-2150, KB-3150, KB-3152, KB-5150, KB-6150, KB-7150	UL94HB for KB-1150; UL94V-0 for other	IEC/EN 60335-1 IEC/EN 60335-2-9 IEC/EN 60335-2-25	UL E123995 Tested with appliance
Alt.	Yat Tao Chemical Holdings (HK) Ltd.	KH-111F	UL94V-0	IEC/EN 60335-1 IEC/EN 60335-2-9 IEC/EN 60335-2-25	UL E167840 Tested with appliance
Alt.	ZhaoyuanJinbao Electronics Co., Ltd.	ZD-90F ZD-95(G)F	UL94V-0	IEC/EN 60335-1 IEC/EN 60335-2-9 IEC/EN 60335-2-25	UL E141940 Tested with appliance
Alt.	Chang Chun plastics Co., Ltd.	CCP-3400	UL94V-0	IEC/EN 60335-1 IEC/EN 60335-2-9 IEC/EN 60335-2-25	UL E108591 Tested with appliance
Alt.	Eternal Chemical Co., Ltd.	ETL-XPC-204	UL94V-0	IEC/EN 60335-1 IEC/EN 60335-2-9 IEC/EN 60335-2-25	UL E95862 Tested with appliance
Alt.	Hua Yang Electronic Materials Co., Ltd.	TZ-9F	UL94V-0	IEC/EN 60335-1 IEC/EN 60335-2-9 IEC/EN 60335-2-25	UL E190476 Tested with appliance

Alt.	Shunde Junda Electronic	JD-B JD-B1 JD-D JD-E	94V-0	IEC/EN 60335-1 IEC/EN 60335-2-9 IEC/EN 60335-2-25	UL E173873 Tested with appliance
Alt.	Zhuhai Jointek Electric Co Ltd	JK-004/JK-008	UL94V-0	IEC/EN 60335-1 IEC/EN 60335-2-9 IEC/EN 60335-2-25	UL E214852 Tested with appliance
Alt.	Guangdong Chengde Electronic Technology Co Ltd	1/2/D1	94V-0	IEC/EN 60335-1 IEC/EN 60335-2-9 IEC/EN 60335-2-25	UL E322995 Tested with appliance
Alt.	Kin Yip Technology Electronics (Huizhou) Co Ltd	KY033H, KY003, DS-206, ML-401	94V-0	IEC/EN 60335-1 IEC/EN 60335-2-9 IEC/EN 60335-2-25	UL E303478 Tested with appliance
Alt.	Dongguan Wannienfu Electronic Co Ltd	04V0 101V0 03V0	UL94V-0	IEC/EN 60335-1 IEC/EN 60335-2-9 IEC/EN 60335-2-25	UL E88653 Tested with appliance
Alt.	Mei Zhou Li Yu Da Cricuit Board Co Ltd	LYD-2 LYD-3 LYD-4	UL94V-0	IEC/EN 60335-1 IEC/EN 60335-2-9 IEC/EN 60335-2-25	E320265 Tested with appliance
Alt.	HUNG HING ELECTRONIC S CO., LTD	HF-02A HF-07A HF-08 HH-01 HH-02 HH-03 HH-05 HH-06	UL94V-0	IEC/EN 60335-1 IEC/EN 60335-2-9 IEC/EN 60335-2-25	E327405 Tested with appliance
Self-reset Thermostat on oven (for Mechanical model with painted and grey painted steel cavity)	XC Electronics (Shenzhen) Corp. Ltd.	KSD301	AC 250 V, 10 A, OFF:75°C +2/- 3°C, ON:67°C±3°C, T150, 1E5	IEC 60730-2-9: 2015 + A1: 2018 IEC 60730-1: 2013 + A1: 2015 EN 60730-2-9: 2019 + A1: 2019 EN 60730-1: 2016 + A1: 2019	TÜV Rd R50035898
Alt.	Zhongshan HuilongElectricalCo. Ltd.	KSD301	AC 250V 10A OFF:75°C+2/-3°C ON:67°C± 3°C 1E5	IEC 60730-2-9: 2015 + A1: 2018 IEC 60730-1: 2013 + A1: 2015 EN 60730-2-9: 2019 + A1: 2019 EN 60730-1: 2016 + A1: 2019	VDE 40034938

Alt.	Jiangsu Changheng Group Control Component Co., Ltd.	KSD	AC 250V 10A OFF:75°C+2/-3°C ON: 67°C ± 3°C	IEC 60730-2-9: 2015 + A1: 2018 IEC 60730-1: 2013 + A1: 2015 EN 60730-2-9: 2019 + A1: 2019 EN 60730-1: 2016 + A1: 2019	VDE 40022995
Self-reset Thermostat on oven (for Mechanical With stainless steel cavity)	XC Electronics(Shenzhen)Corp. Ltd.,	KSD301	AC 250V 10A OFF:70°C+2/-3 °C ON :62°C ± 3°C T150, 1E5	IEC 60730-2-9: 2015 + A1: 2018 IEC 60730-1: 2013 + A1: 2015 EN 60730-2-9: 2019 + A1: 2019 EN 60730-1: 2016 + A1: 2019	TÜV Rd R50035898
Alt.	Zhongshan HuilongElectricalCo. Ltd.	KSD301	AC 250V 10A OFF:70°C+2/-3 °C ON :62°C ± 3°C ,1E5	IEC 60730-2-9: 2015 + A1: 2018 IEC 60730-1: 2013 + A1: 2015 EN 60730-2-9: 2019 + A1: 2019 EN 60730-1: 2016 + A1: 2019	VDE 40034938
Alt.	Jiangsu Changheng Group Control Component Co., Ltd.	KSD	AC 250V 10A OFF: 70°C+2/-3 °C ON : 62°C ± 3°C	IEC 60730-2-9: 2015 + A1: 2018 IEC 60730-1: 2013 + A1: 2015 EN 60730-2-9: 2019 + A1: 2019 EN 60730-1: 2016 + A1: 2019	VDE 40022995
Self-resetting thermal cut-out on oven (for electronic model)	Foshan TianpengThermostats Co., Ltd.	T1/11	AC 250 V, 10 A, Tf120, OFF:120°C±5°C ON:100°C±10°C 3E4	IEC 60730-2-9: 2015 + A1: 2018 IEC 60730-1: 2013 + A1: 2015 EN 60730-2-9: 2019 + A1: 2019 EN 60730-1: 2016 + A1: 2019	TÜV Rd R50091097
Alt.	Jiangsu Changheng Group Control Component Co., Ltd.	KSD	AC 250 V,10A Tf120. OFF: 120°C± 5°C ON: 100°C± 10°C	IEC 60730-2-9: 2015 + A1: 2018 IEC 60730-1: 2013 + A1: 2015 EN 60730-2-9: 2019 + A1: 2019 EN 60730-1: 2016 + A1: 2019	VDE 40022995

Alt.	XC Electronics(Sh enzhen)Corp. Ltd.	KSD301 120	AC 250 V,10A Tf120. OFF: 120°C± 5°C ON: 100°C± 10°C 10E4, T210	IEC 60730-2-9: 2015 + A1: 2018 IEC 60730-1: 2013 + A1: 2015 EN 60730-2-9: 2019 + A1: 2019 EN 60730-1: 2016 + A1: 2019	VDE 40020934
Alt.	Zhongshan HuילongElectri calCo. Ltd.	KSD301	AC 250 V,10A Tf120. OFF: 120°C± 5°C ON: 100°C± 10°C 10E4, T210	IEC 60730-2-9: 2015 + A1: 2018 IEC 60730-1: 2013 + A1: 2015 EN 60730-2-9: 2019 + A1: 2019 EN 60730-1: 2016 + A1: 2019	VDE 40034938
Alt.	Guangdong HuילongElectri cal Appliance Co.,Ltd.	KSD301	AC250V, 10A, Tf120. OFF:120°C±5°C ON:100°C±10°C 3E4, T210	IEC 60730-2-9: 2015 + A1: 2018 IEC 60730-1: 2013 + A1: 2015 EN 60730-2-9: 2019 + A1: 2019 EN 60730-1: 2016 + A1: 2019	TUV SUDB 097593 0001
Alt.	ChangShu Xin DuAn Electric Co., Ltd.	KSD1	AC250V 10A Tf120. OFF:120°C±5°C ON:100°C±10°C T210	IEC 60730-2-9: 2015 + A1: 2018 IEC 60730-1: 2013 + A1: 2015 EN 60730-2-9: 2019 + A1: 2019 EN 60730-1: 2016 + A1: 2019	TÜV Rd R 50374776
Self-resetting thermal cut-out on magnetron	Foshan TianpengTher nostats Co., Ltd.	T1/22	AC 250 V, 10 A, Tf180, OFF:180°C±5°C ON:140°C±10°C 3E4	IEC 60730-2-9: 2015 + A1: 2018 IEC 60730-1: 2013 + A1: 2015 EN 60730-2-9: 2019 + A1: 2019 EN 60730-1: 2016 + A1: 2019	TÜV Rd R50091213
Alt.	Jiangsu Changheng Group Control Component Co., Ltd.	KSD180	AC 250 V,10A Tf180. OFF: 180°C± 5°C ON: 140°C± 10°C	IEC 60730-2-9: 2015 + A1: 2018 IEC 60730-1: 2013 + A1: 2015 EN 60730-2-9: 2019 + A1: 2019 EN 60730-1: 2016 + A1: 2019	VDE 40022995

Alt.	XC Electronics(Sh enzhen)Corp. Ltd.	KSD301 180	AC 250 V,10A Tf180. OFF: 180°C± 5°C ON: 140°C± 10°C, T210	IEC 60730-2-9: 2015 + A1: 2018 IEC 60730-1: 2013 + A1: 2015 EN 60730-2-9: 2019 + A1: 2019 EN 60730-1: 2016 + A1: 2019	VDE 40020934
Alt.	Zhongshan HuילongElectri calCo. Ltd.	KSD301	AC 250 V,10A Tf180. OFF: 180°C± 5°C ON: 140°C± 10°C, T210	IEC 60730-2-9: 2015 + A1: 2018 IEC 60730-1: 2013 + A1: 2015 EN 60730-2-9: 2019 + A1: 2019 EN 60730-1: 2016 + A1: 2019	VDE 40034938
Alt.	Guangdong HuילongElectri cal Appliance Co.,Ltd.	KSD301	AC 250 V, 10 A, Tf180. OFF:180°C± 5°C ON:140°C± 10°C 3E4, T210	IEC 60730-2-9: 2015 + A1: 2018 IEC 60730-1: 2013 + A1: 2015 EN 60730-2-9: 2019 + A1: 2019 EN 60730-1: 2016 + A1: 2019	TUV SUD B 097593 0001
Alt.	ChangShu Xin DuAn Electric Co., Ltd.	KSD1	AC 250V10A Tf180. OFF:180°C± 5°C ON:140°C± 10°C T210	IEC 60730-2-9: 2015 + A1: 2018 IEC 60730-1: 2013 + A1: 2015 EN 60730-2-9: 2019 + A1: 2019 EN 60730-1: 2016 + A1: 2019	TÜV Rd R 50374776
Components of Noise Filter, FD1-3L20 (Galan) Listed below:					
X2 capacitor	Shenzhen Shenfeng Electronics Co.,Ltd.	CBB62	AC 275V, X2, 0,22uF, T100	IEC 60384-14: 2013 + A1:2016 EN 60384-14: 2013 + A1: 2016	VDE 40031777
Alt.	Foshan Shunde Beijiao Hua Da Electric Industrial Co.,Ltd	HD-series or HD-MKP series	AC 275V, X2, 0,22uF, T105	IEC 60384-14: 2013 + A1:2016 EN 60384-14: 2013 + A1: 2016	VDE 40027182
Alt.	Winday Electronic Industrial(Don gGuan) Co.,Ltd	MPX	AC 275V, X2, 0,22uF, T100	IEC 60384-14: 2013 + A1:2016 EN 60384-14: 2013 + A1: 2016	VDE 40018071

Alt.	Guangdong Fengming Electronic Tech.co.,Ltd	MKP-X2	AC 275V, X2, 0,22uF, T105	IEC 60384-14: 2013 + A1:2016 EN 60384-14: 2013 + A1: 2016	VDE 40025702
Alt.	Shenzhen Su Rong Capacitors Co., Ltd.	MPX/MKP	X2, AC 280 V 0,22uF, T100	IEC 60384-14: 2013 + A1:2016 EN 60384-14: 2013 + A1: 2016	VDE 40008924
Alt.	Sichuan Sincerity Technology Co., Ltd.	MPX/MKP	X2, AC 275V, 0.22uF, T110	IEC 60384-14: 2013 + A1:2016 EN 60384-14: 2013 + A1: 2016	VDE 40028812
Y2 capacitor	Hsuan Tal Electrical	CY	Y2, AC250V 4700pF, T85	IEC 60384-14: 2013 + A1:2016 EN 60384-14: 2013 + A1: 2016	VDE 118413
Alt.	TDK Corporation	CS	Y2, AC250V 4700pF, T85	IEC 60384-14: 2013 + A1:2016 EN 60384-14: 2013 + A1: 2016	VDE 40017930
Alt.	Haohua Electronic	CT 7	Y2, AC250V 4700pF, T125	IEC 60384-14: 2013 + A1:2016 EN 60384-14: 2013 + A1: 2016	VDE 40013601
Alt.	Nanjing YuYue Electronics Co. Ltd	CT 7	Y2, AC250V 4700pF, T125	IEC 60384-14: 2013 + A1:2016 EN 60384-14: 2013 + A1: 2016	VDE 40008013
Alt.	Guangdong South Hongming Electronic Science and Technology Co., Ltd.	F	Y2, AC250V 4700pF, T125	IEC 60384-14: 2013 + A1:2016 EN 60384-14: 2013 + A1: 2016	VDE 40036246
Alt.	GUANGDONG DAFU ELECTRONIC S CO.,LTD	CT7	Y2 AC300V, 4700pF, T125	IEC 60384-14: 2013 + A1:2016 EN 60384-14: 2013 + A1: 2016	VDE 40041521
Relay	Song Chuan Precision Co.,Ltd.	812H-1C-C	Contact: AC 250 V, 12 A, Coil: DC24V, T85, 1E5	IEC 61810-1: 2015 + A1: 2019 EN 61810-1: 2015 + A1: 2020	VDE 122905
Alt.	Zhejiang Dongya Electronic Co., Ltd.	JZC-22F 024VDC-1Z	Contact: AC 250 V, 10 A, Coil: DC24V, T85, 1E5	IEC 61810-1: 2015 + A1: 2019 EN 61810-1: 2015 + A1: 2020	TUV Rd R50121571
Alt.	Dongguan Sanyou Electrical Appliances Co.,Ltd.	SRU-S-124L	Contact: AC 240 V, 10 A, Coil: DC24V, T85, 1E5	IEC 61810-1: 2015 + A1: 2019 EN 61810-1: 2015 + A1: 2020	TUV Rd R50139131

Alt.	Guangdong Galanz Enterprises Co.,Ltd.	JD7-S-124LC	Contact: AC 240 V, 10 A, Coil: DC24V, T85, 1E5	IEC 61810-1: 2015 + A1: 2019 EN 61810-1: 2015 + A1: 2020	TUV Rd R50204875
Alt.	Ningbo TianboGanglian Electronics Co.,Ltd.	HJR-21FF-S-Z	Contact: AC 240 V, 10 A, Coil: DC24V, T85, 1E5	IEC 61810-1: 2015 + A1: 2019 EN 61810-1: 2015 + A1: 2020	TUV Rd R50116165
Alt.	Xiamen Hongfa Electroacoustics Co.,Ltd.	HF152FD 24-1ZST	Contact: AC 250 V, 10 A, Coil: DC24V, T105, 1E5	IEC 61810-1: 2015 + A1: 2019 EN 61810-1: 2015 + A1: 2020	VDE 40031203
Alt.	Xiamen Hongfa Electroacoustics Co.,Ltd	HF3FF 024-1Z	Contact: AC 250 V, 10 A, Coil: DC24V, T85, 1E5	IEC 61810-1: 2015 + A1: 2019 EN 61810-1: 2015 + A1: 2020	TUV Rd R50148356
Alt.	Zhejiang Meishuo Electric Technology Co., Ltd.	MPA-S-124-C	Contact: AC 250 V, 10 A, Coil: DC24V, T85, 1E5	IEC 61810-1: 2015 + A1: 2019 EN 61810-1: 2015 + A1: 2020	TUV Rd R50184948
Fuse-link on noise filter PCB	Sun Electric Co.	5C	AC 250V, 12A	IEC/EN 60335-1 IEC/EN 60335-2-9 IEC/EN 60335-2-25	TUV Rd R 50202839 UL E166522 Tested with appliance
Alt.	Shanghai Song Shan	RF1-20	AC 250 V, 12 A	IEC 60127-1: 2006 + A1: 2011 + A2: 2015 IEC 60127-3: 2015 + A1: 2020 EN 60127-1: 2006 + A1: 2011 + A2: 2015 EN 60127-2: 2014 + A1: 2020	TÜV Rh J50078894
Alt.	Littelfuse Inc.	215	AC250V, 12A	IEC 60127-1: 2006 + A1: 2011 + A2: 2015 IEC 60127-3: 2015 + A1: 2020 EN 60127-1: 2006 + A1: 2011 + A2: 2015 EN 60127-2: 2014 + A1: 2020	VDE 40016610
Alt.	Dongguan Better Electronic	524	AC 250 V, 12 A	IEC/EN 60335-1 IEC/EN 60335-2-9 IEC/EN 60335-2-25	Tested with appliance UL E300003
Alt.	XC Electronics (shenzhen) Corp.Ltd	5C	AC250V,12A	IEC/EN 60335-1 IEC/EN 60335-2-9 IEC/EN 60335-2-25	UL E249609 Tested with appliance
Components of Noise Filter, FN0-3L20 (Galanz), are listed as below:					
X2 capacitor	Shenzhen Shenfeng Electronics Co.,Ltd.	CBB62	AC 275V, X2, 0,22uF, T100	IEC 60384-14: 2013 + A1:2016 EN 60384-14: 2013 + A1: 2016	VDE 40031777

Alt.	Foshan Shunde Beijiao Hua Da Electric Industrial Co.,Ltd	HD-series or HD-MKP series	AC 275V, X2, 0,22uF, T105	IEC 60384-14: 2013 + A1:2016 EN 60384-14: 2013 + A1: 2016	VDE 40027182
Alt.	Winday Electronic Industrial(DongGuan) Co.,Ltd	MPX	AC 275V, X2, 0,22uF, T100	IEC 60384-14: 2013 + A1:2016 EN 60384-14: 2013 + A1: 2016	VDE 40018071
Alt.	Guangdong Fengming Electronic Tech.co.,Ltd	MKP-X2	AC 275V, X2, 0,22uF, T105	IEC 60384-14: 2013 + A1:2016 EN 60384-14: 2013 + A1: 2016	VDE 40025702
Alt.	Shenzhen Su Rong Capacitors Co., Ltd.	MPX/MKP	X2, AC 280 V 0,22uF,T100	IEC 60384-14: 2013 + A1:2016 EN 60384-14: 2013 + A1: 2016	VDE 40008924
Alt.	Sichuan Sincerity Technology Co., Ltd.	MPX/MKP	X2,AC 275V, 0.22uF,T110	IEC 60384-14: 2013 + A1:2016 EN 60384-14: 2013 + A1: 2016	VDE 40028812
Y2 capacitor	Hsuan Tal Electrical	CY	Y2, AC250V 4700pF, T85	IEC 60384-14: 2013 + A1:2016 EN 60384-14: 2013 + A1: 2016	VDE 118413
Alt.	TDK Corporation	CS	Y2, AC250V 4700pF, T85	IEC 60384-14: 2013 + A1:2016 EN 60384-14: 2013 + A1: 2016	VDE 40017930
Alt.	Haohua Electronic	CT 7	Y2, AC250V 4700pF, T125	IEC 60384-14: 2013 + A1:2016 EN 60384-14: 2013 + A1: 2016	VDE 40013601
Alt.	Nanjing YuYue Electronics Co. Ltd	CT 7	Y2, AC250V 4700pF, T125	IEC 60384-14: 2013 + A1:2016 EN 60384-14: 2013 + A1: 2016	VDE 40008013
Alt.	Guangdong South Hongming Electronic Science and Technology Co., Ltd.	F	Y2, AC250V 4700pF, T125	IEC 60384-14: 2013 + A1:2016 EN 60384-14: 2013 + A1: 2016	VDE 40036246
Alt.	GUANGDON G DAFU ELECTRONIC S CO.,LTD	CT7	Y2 AC300V, 4700pF,T125	IEC 60384-14: 2013 + A1:2016 EN 60384-14: 2013 + A1: 2016	VDE 40041521

Fuse-link	Sun Electric Co.	5C	AC 250V, 12A	IEC/EN 60335-1 IEC/EN 60335-2-9 IEC/EN 60335-2-25	TUV Rd R 50202839 UL E166522 Tested with appliance
Alt.	Shanghai Song Shan	RF1-20	AC 250 V, 12 A	IEC 60127-1: 2006 + A1: 2011 + A2: 2015 IEC 60127-3: 2015 + A1: 2020 EN 60127-1: 2006 + A1: 2011 + A2: 2015 EN 60127-2: 2014 + A1: 2020	TÜV Rh J50078894
Alt.	Littelfuse Inc.	215	AC250V, 12A	IEC 60127-1: 2006 + A1: 2011 + A2: 2015 IEC 60127-3: 2015 + A1: 2020 EN 60127-1: 2006 + A1: 2011 + A2: 2015 EN 60127-2: 2014 + A1: 2020	VDE 40016610
Alt.	Dongguan Better Electronic	524	AC 250 V, 12 A	IEC/EN 60335-1 IEC/EN 60335-2-9 IEC/EN 60335-2-25	Tested with appliance UL E300003
Alt.	XC Electronics (shenzhen) Corp.Ltd	5C	AC250V,12A	IEC/EN 60335-1 IEC/EN 60335-2-9 IEC/EN 60335-2-25	UL E249609 Tested with appliance
Components of Noise Filter, FD1-6K00 (Galanz), are listed as below:					
X2 capacitor	GuandongFengming Electronic Tech.Co.,Ltd.	MKP-X2	X2,AC275V, 0,1uF,T105	IEC 60384-14: 2013 + A1:2016 EN 60384-14: 2013 + A1: 2016	VDE 40025702
Alt.	Foshan Shunde Beijiao Hua Da Electric Industrial Co.,Ltd	HD-series or HD-MKP series	X2,AC275V, 0,1uF,T105	IEC 60384-14: 2013 + A1:2016 EN 60384-14: 2013 + A1: 2016	VDE 40027182
Alt.	Shenzhen Shenfeng Electronics Co.,Ltd.	CBB62	X2,AC 275V, 0,1uF,T100	IEC 60384-14: 2013 + A1:2016 EN 60384-14: 2013 + A1: 2016	VDE 40031777
Alt.	Shenzhen Su Rong Capacitors Co., Ltd.	MPX/MKP	X2,AC 280V, 0,1uF,T100	IEC 60384-14: 2013 + A1:2016 EN 60384-14: 2013 + A1: 2016	VDE 40008924
Alt.	Sichuan Sincerity Technology Co., Ltd.	MPX/MKP	X2,AC 275V, 0,1uF,T110	IEC 60384-14: 2013 + A1:2016 EN 60384-14: 2013 + A1: 2016	VDE 40028812
Y2 capacitor	Haohua Electronic Co.,	CT7	Y2 AC250V, 2200pF,T125	IEC 60384-14: 2013 + A1:2016 EN 60384-14: 2013 + A1: 2016	VDE 40013601

Alt.	Nanjing Yuyue Electronics Co.,Ltd.	CT7	Y2 AC250V, 2200pF,T125	IEC 60384-14: 2013 + A1:2016 EN 60384-14: 2013 + A1: 2016	VDE 40008013
Alt.	GUANGDON G DAFU ELECTRONIC S CO.,LTD	CT7	Y2 AC300V, 2200pF,T125	IEC 60384-14: 2013 + A1:2016 EN 60384-14: 2013 + A1: 2016	VDE 40041521
Relay	Ningbo TianboGanglian Electronics Co.,Ltd.	HJR-21FF-S-Z	Contact: AC240V 10A Coil: DC24VT85	IEC 61810-1: 2015 + A1: 2019 EN 61810-1: 2015 + A1: 2020	TUV Rd R50116165
Alt.	Xiamen Hongfa Electroacoustics Co.,Ltd.	HF152FD24-1ZST	Contact: AC250V,10A Coil:DC24V,T105	IEC 61810-1: 2015 + A1: 2019 EN 61810-1: 2015 + A1: 2020	VDE 40031203
Alt.	Xiamen Hongfa Electroacoustics Co.,Ltd	HF3FF 024-1Z	Contact: AC250V 10A Coil: DC24V, T85	IEC 61810-1: 2015 + A1: 2019 EN 61810-1: 2015 + A1: 2020	TUV Rd R50148356
Alt.	Zhejiang Meishuo Electric Technology Co.,LTD	MPA-S-124-C	Contact: AC250V 10A Coil: DC24V, T85	IEC 61810-1: 2015 + A1: 2019 EN 61810-1: 2015 + A1: 2020	TUV Rd R50184948
Fuselink	Dongguan Better Electronics Technology Co Ltd	524	AC250V,12,5A	IEC/EN 60335-1 IEC/EN 60335-2-9 IEC/EN 60335-2-25	UL E300003 Tested with appliance
Alt.	Shanghai Songshan Electronics Co.,Ltd.	RF1-20	AC250V,12,5A	IEC 60127-1: 2006 + A1: 2011 + A2: 2015 IEC 60127-3: 2015 + A1: 2020 EN 60127-1: 2006 + A1: 2011 + A2: 2015 EN 60127-2: 2014 + A1: 2020	TUV Rd J50287670
Alt.	XC Electronics (shenzhen) Corp.Ltd	5C	AC250V,12,5A	IEC 60127-1: 2006 + A1: 2011 + A2: 2015 IEC 60127-3: 2015 + A1: 2020 EN 60127-1: 2006 + A1: 2011 + A2: 2015 EN 60127-2: 2014 + A1: 2020	TUV Rd J 50528382
Components of Noise Filter, FN5-6K00 (Galanx), are listed as below:					
X2 capacitor	GuandongFengming Electronic Tech.Co.,Ltd.	MKP-X2	X2,AC275V, 0.1uF,T105	IEC 60384-14: 2013 + A1:2016 EN 60384-14: 2013 + A1: 2016	VDE 40025702
Alt.	Foshan Shunde Beijiao Hua Da Electric Industrial Co.,Ltd	HD-series or HD-MKP series	X2,AC275V, 0.1uF,T105	IEC 60384-14: 2013 + A1:2016 EN 60384-14: 2013 + A1: 2016	VDE 40027182

Alt.	Shenzhen Shenfeng Electronics Co.,Ltd.	CBB62	X2,AC 275V, 0.1uF,T100	IEC 60384-14: 2013 + A1:2016 EN 60384-14: 2013 + A1: 2016	VDE 40031777
Alt.	Shenzhen Su Rong Capacitors Co., Ltd.	MPX/MKP	X2,AC 280V, 0.1uF,T100	IEC 60384-14: 2013 + A1:2016 EN 60384-14: 2013 + A1: 2016	VDE 40008924
Alt.	Sichuan Sincerity Technology Co., Ltd.	MPX/MKP	X2,AC 275V, 0.1uF,T110	IEC 60384-14: 2013 + A1:2016 EN 60384-14: 2013 + A1: 2016	VDE 40028812
Y2 capacitor	Haohua Electronic Co.,	CT7	Y2 AC250V, 2200pF,T125	IEC 60384-14: 2013 + A1:2016 EN 60384-14: 2013 + A1: 2016	VDE 40013601
Alt.	Nanjing Yuyue Electronics Co.,Ltd.	CT7	Y2 AC250V, 2200pF,T125	IEC 60384-14: 2013 + A1:2016 EN 60384-14: 2013 + A1: 2016	VDE 40008013
Alt.	GUANGDON G DAFU ELECTRONIC S CO.,LTD	CT7	Y2 AC300V, 2200pF,T125	IEC 60384-14: 2013 + A1:2016 EN 60384-14: 2013 + A1: 2016	VDE 40041521
Fuselink	Dongguan Better Electronics Technology Co Ltd	524	AC250V,12,5A	IEC/EN 60335-1 IEC/EN 60335-2-9 IEC/EN 60335-2-25	UL E300003 Tested with appliance
Alt.	Shanghai Songshan Electronics Co.,Ltd.	RF1-20	AC250V,12,5A	IEC 60127-1: 2006 + A1: 2011 + A2: 2015 IEC 60127-3: 2015 + A1: 2020 EN 60127-1: 2006 + A1: 2011 + A2: 2015 EN 60127-2: 2014 + A1: 2020	TUV Rd J50287670
Alt.	XC Electronics (shenzhen) Corp.Ltd	5C	AC250V,12,5A	IEC 60127-1: 2006 + A1: 2011 + A2: 2015 IEC 60127-3: 2015 + A1: 2020 EN 60127-1: 2006 + A1: 2011 + A2: 2015 EN 60127-2: 2014 + A1: 2020	TUV Rd J 50528382
Components of Control Panel PCB are listed as below:					
Relay	Original Electric Mfg (Tyco Electronics)	OMIF-S-112LM	Contact: AC250V 17A Coil: DC12V T90 1E5	IEC 61810-1: 2015 + A1: 2019 EN 61810-1: 2015 + A1: 2020	TÜV Rd R 50139114
Alt.	Xiamen Hongfa	JQX-62F-012-1H	Contact: AC250V 16A Coil: DC12V T85 1E5	IEC 61810-1: 2015 + A1: 2019 EN 61810-1: 2015 + A1: 2020	TUV Rd R 50147086

Alt.	Shanxi Qunli Radio appliance factory	JQX-21F	Contact: AC 250V, 16A Coil: DC 12V T85	IEC 61810-1: 2015 + A1: 2019 EN 61810-1: 2015 + A1: 2020	TUV Rd R 50100487
Alt.	Zhejiang Dongya	JQX-14FY 12V- 1H	Contact: AC 250V, 16A. Coil: DC 12V T85	IEC 61810-1: 2015 + A1: 2019 EN 61810-1: 2015 + A1: 2020	TÜV Rd R 50121569
Alt.	Guangdong Galan Enterprises Co., Ltd.	JD2-1A	Contact: AC250V 16A Coil: DC12V T85 1E5	IEC 61810-1: 2015 + A1: 2019 EN 61810-1: 2015 + A1: 2020	TÜV Rd R 50189204
Alt.	NINGBO TIANBO GANGLIAN ELECTRONIC S CO., LTD	TRA2F-12VDC-H	Contact: AC 250V, 16A Coil: DC 12V T85	IEC 61810-1: 2015 + A1: 2019 EN 61810-1: 2015 + A1: 2020	TÜV Rd R 50113138
Alt.	Zhejiang Meishuo Electric Technology Co.,LTD	MPL-112-A	Contact: AC250V 16A Coil: DC12V T85	IEC 61810-1: 2015 + A1: 2019 EN 61810-1: 2015 + A1: 2020	TUV Rd R50236892
Alt.	Tyco Electronics (Shenzhen) Co., Ltd.	OJ-SS-112LM	Contact: AC 250 V, 3 A, Coil: DC 12V T85	IEC 61810-1: 2015 + A1: 2019 EN 61810-1: 2015 + A1: 2020	TUV Rd R50139166
Alt.	Xiamen Hongfa Electroacousti c Co. Ltd.	JZC-32F-012- HSL3	Contact: AC 250 V, 3 A, Coil: DC 12V T85	IEC 61810-1: 2015 + A1: 2019 EN 61810-1: 2015 + A1: 2020	VDE 40012204
Alt.	Shanxi Qunli Radio appliance factory	JZC-11F/012-1H1	Contact: AC 250 V, 5 A, Coil: DC 12V T85	IEC 61810-1: 2015 + A1: 2019 EN 61810-1: 2015 + A1: 2020	TUV Rd R 50100487
Alt.	Dongguan Sanyou Electrical Appliances Co. Ltd.	SJ-S-112LM	Contact: AC 250 V, 3 A, Coil: DC 12V T85	IEC 61810-1: 2015 + A1: 2019 EN 61810-1: 2015 + A1: 2020	VDE 40002146
Alt.	Zhejiang Dongya Electronic Co. Ltd.	JZC-11F	Contact: AC 250 V, 5 A, Coil: DC 12V T85	IEC 61810-1: 2015 + A1: 2019 EN 61810-1: 2015 + A1: 2020	TUV Rd R50121570
Alt.	Guangdong Galan Enterprises Co., Ltd.	JZ1-1A-P	Contact: AC 250 V, 5 A, Coil: DC 12V T85	IEC 61810-1: 2015 + A1: 2019 EN 61810-1: 2015 + A1: 2020	TUV Rd R50195342
Alt.	Ningbo TianboGangli an Electronics Co., Ltd	TRG1D-12VDC- S-H	Contact: AC 250 V, 5 A, Coil: DC 12V T85	IEC 61810-1: 2015 + A1: 2019 EN 61810-1: 2015 + A1: 2020	TUV Rd R50108695

Alt.	Zhejiang Meishuo Electric Technology Co.,LTD	MPD-S-112-A	Contact: AC250V 5A Coil:DC12V T85	IEC 61810-1: 2015 + A1: 2019 EN 61810-1: 2015 + A1: 2020	TUV Rd R50184948
Switching power supply	GALANZ	MPP001	AC 90-240V, 50/60Hz 5W, DC5V 200mA,DC12V 200mA,75°C	IEC 61558-1: 2005 + A1: 2009 IEC 61558-2-16: 2009 + A1: 2013 EN 61558-1: 2005 + A1: 2009 EN 61558-2-16: 2009 + A1: 2013	TÜV Rd R 50464438
Components of Switching power supply, MPP001 (Galanz), are listed as below:					
high frequency transformer	GALANZ	GAL-TR006	Pri. winding: N1: Φ 0,17mm×37Ts N2: Φ0,17mm×111Ts N3: Φ 0,17mm×0,9Ts Sec. winding: N4: Φ 0,35mm×6Ts N5: Φ 0,40mm×8Ts Class 130	IEC/EN 61558-1 IEC/EN 61558-2-16 IEC/EN 60335-1 IEC/EN 60335-2-9 IEC/EN 60335-2-25	Tested with appliance
Varistor	Joyin Company Ltd	10N471K	Varistor Voltage:470V T85	IEC 61051-1: 2007 IEC 61051-2: 1991 IEC 61051-2-2: 1991 DIN EN 61051- 1:2009	VDE 005937
Alt.	Fenghua Advanced Tech. (Holding) Co., Ltd.	FNR-10K471 FNR-14K471	Varistor Voltage:470V T85	IEC 61051-1: 2007 IEC 61051-2: 1991 IEC 61051-2-2: 1991 DIN EN 61051- 1:2009	VDE 40008242
Alt.	Guangdong FashanKestar Electronic Co., Ltd.	MYG10-471A	Varistor Voltage:470V T85	IEC 61051-1: 2007 IEC 61051-2: 1991 IEC 61051-2-2: 1991 DIN EN 61051- 1:2009	VDE 40005616
Alt.	Hongzhi Enterprise Ltd.	HEL-10D471K	Varistor Voltage:470V T85	IEC 61051-1: 2007 IEC 61051-2: 1991 IEC 61051-2-2: 1991 DIN EN 61051- 1:2009	VDE 40037512

Alt.	Centra Science Corp.	CNR-10D471K CNR-14D471K	Varistor Voltage:470V T85	IEC 61051-1: 2007 IEC 61051-2: 1991 IEC 61051-2-2: 1991 DIN EN 61051-1:2009	VDE 40008220
Alt.	Haohua Electronic Co.,	HVR 10K471, HVR 14K471	Varistor Voltage:470V, T85	IEC 61051-1: 2007 IEC 61051-2: 1991 IEC 61051-2-2: 1991 DIN EN 61051-1:2009	VDE 40031718
Alt.	GUANGDONG DAFU ELECTRONICS CO.,LTD	NDF-10D471K NDF-14D471K	Varistor Voltage: 470V,T125	IEC 61051-1: 2007 IEC 61051-2: 1991 IEC 61051-2-2: 1991 DIN EN 61051-1:2009	VDE 40050909
Optocoupler	SHARP CORPORATION	PC817	Viso=5000V, T100	IEC 60747-5-5: 2020 EN 60747-5-5: 2020	VDE 40008087
Alt.	LITE-ON electronics, inc	LTV-817	Viso=5000V, T110	IEC 60747-5-5: 2020 EN 60747-5-5: 2020	VDE 40015248
Alt.	TOSHIBA	TLP781	Viso=5000V, T100	IEC 60747-5-5: 2020 EN 60747-5-5: 2020	VDE 40021173
Alt.	EVERLIGHT ELECTRONICS Co., LTD	EL817	Viso=5000V, T100	IEC 60747-5-5: 2020 EN 60747-5-5: 2020	VDE 132249
Alt.	Renesas Electronics Corporation	PS2561A-1	Viso=5000V, T100	IEC 60747-5-5: 2020 EN 60747-5-5: 2020	VDE 40008862
Alt.	Toshiba Corporation Semiconductor	TLP785	Viso=5000V, T115	IEC 60747-5-5: 2020 EN 60747-5-5: 2020	VDE 40031808
Alternative switch mode power supply PCB incorporated in control panel PCB:					
Fuse link on PCB	Dongguan Better Electronics Technology Co., Ltd.	932	AC 250 V, 1 A	IEC 60127-1: 2006 + A1: 2011 + A2: 2015 IEC 60127-3: 2015 + A1: 2020 EN 60127-1: 2006 + A1: 2011 + A2: 2015 EN 60127-2: 2014 + A1: 2020	VDE 40033369

Alt.	Dongguan Better Electronic Technology Co Ltd	334	AC 250V, 1A	IEC 60127-1: 2006 + A1: 2011 + A2: 2015 IEC 60127-3: 2015 + A1: 2020 EN 60127-1: 2006 + A1: 2011 + A2: 2015 EN 60127-2: 2014 + A1: 2020	VDE 40025428
Alt.	XC Electronics(shenzhen)Corp. Ltd	5TE	AC 250V, 1A	IEC 60127-1: 2006 + A1: 2011 + A2: 2015 IEC 60127-3: 2015 + A1: 2020 EN 60127-1: 2006 + A1: 2011 + A2: 2015 EN 60127-2: 2014 + A1: 2020	VDE 40036821
Alt.	XC Electronics (Shen Zhen) Corp. Ltd.	4T	AC 250V, 1A	IEC 60127-1: 2006 + A1: 2011 + A2: 2015 IEC 60127-3: 2015 + A1: 2020 EN 60127-1: 2006 + A1: 2011 + A2: 2015 EN 60127-2: 2014 + A1: 2020	VDE 40029295
Alt.	Shanghai Songshan Electronics	RT1-8	AC 250V, 1A	IEC 60127-1: 2006 + A1: 2011 + A2: 2015 IEC 60127-3: 2015 + A1: 2020 EN 60127-1: 2006 + A1: 2011 + A2: 2015 EN 60127-2: 2014 + A1: 2020	TUV Rd R50345269
Alt.	Xiamen Set Electronics Co. Ltd.,	SPT478	AC 250V, 1A	IEC 60127-1: 2006 + A1: 2011 + A2: 2015 IEC 60127-3: 2015 + A1: 2020 EN 60127-1: 2006 + A1: 2011 + A2: 2015 EN 60127-2: 2014 + A1: 2020	VDE 40049409
High frequency transformer	GALANZ	GAL-TR009	Pri. winding: N1: Φ0,16mm×130Ts N4: Φ0,16mm×17Ts E1: Φ0,16mm×14Ts Sec. winding: N2: Φ0,40mm×13Ts N3: Φ0,30mm×7Ts Class 130	IEC 61558-1: 2005 + A1: 2009 IEC 61558-2-16: 2009 + A1: 2013 EN 61558-1: 2005 + A1: 2009 EN 61558-2-16: 2009 + A1: 2013	Tested with appliance

Alt.	GALANZ	GAL-TR006	Pri. winding: N1: Φ 0,17mm×37Ts N2: Φ 0,17mm×111Ts N3: Φ 0,17mm×0,9Ts Sec. winding: N4: Φ 0,35mm×6Ts N5: Φ 0,40mm×8Ts Class 130	IEC 61558-1: 2005 + A1: 2009 IEC 61558-2-16: 2009 + A1: 2013 EN 61558-1: 2005 + A1: 2009 EN 61558-2-16: 2009 + A1: 2013	Tested with appliance
Varistor	Joyin Company Ltd	10N471K	Varistor Voltage:470V T85	IEC 61051-1: 2007 IEC 61051-2: 1991 IEC 61051-2-2: 1991 DIN EN 61051- 1:2009	VDE 005937
Alt.	FenghuaAdv. Tech.(Holding)Co.,Ltd.	FNR-10K471 FNR-14K471	Varistor Voltage:470V T85	IEC 61051-1: 2007 IEC 61051-2: 1991 IEC 61051-2-2: 1991 DIN EN 61051- 1:2009	VDE 40008242
Alt.	Guangdong FashanKestar Electronic Co., Ltd.	MYG10-471A	Varistor Voltage:470V T85	IEC 61051-1: 2007 IEC 61051-2: 1991 IEC 61051-2-2: 1991 DIN EN 61051- 1:2009	VDE 40005616
Alt.	Hongzhi Enterprise Ltd.	HEL-10D471K	Varistor Voltage:470V T85	IEC 61051-1: 2007 IEC 61051-2: 1991 IEC 61051-2-2: 1991 DIN EN 61051- 1:2009	VDE 40037512
Alt.	Centra Science Corp.	CNR-10D471K CNR-14D471K	Varistor Voltage:470V T85	IEC 61051-1: 2007 IEC 61051-2: 1991 IEC 61051-2-2: 1991 DIN EN 61051- 1:2009	VDE 40008220
Alt.	Haohua Electronic Co.,	HVR 10K471, HVR 14K471	Varistor Voltage:470V T85	IEC 61051-1: 2007 IEC 61051-2: 1991 IEC 61051-2-2: 1991 DIN EN 61051- 1:2009	VDE 40031718

Alt.	GUANGDON G DAFU ELECTRONIC S CO.,LTD	NDF-10D471K NDF-14D471K	Varistor Voltage: 470V,T125	IEC 61051-1: 2007 IEC 61051-2: 1991 IEC 61051-2-2: 1991 DIN EN 61051- 1:2009	VDE 40050909
Alt.	FenghuaAdv. Tech.(Holding)Co.,Ltd.	FNR-10K621	Varistor Voltage: 620V,T85	IEC 61051-1: 2007 IEC 61051-2: 1991 IEC 61051-2-2: 1991 DIN EN 61051- 1:2009	VDE 40008242
Alt.	Haohua Electronic Co.,	HVR-10K621	Varistor Voltage: 620V,T85	IEC 61051-1: 2007 IEC 61051-2: 1991 IEC 61051-2-2: 1991 DIN EN 61051- 1:2009	VDE 40031718
Alt.	Centra Science Corp	CNR-10D621K	Varistor Voltage: 620V,T85	IEC 61051-1: 2007 IEC 61051-2: 1991 IEC 61051-2-2: 1991 DIN EN 61051- 1:2009	VDE 40008220
Alt.	GUANGDON G DAFU ELECTRONIC S CO.,LTD	NDF-10D621K NDF-14D621K	Varistor Voltage: 620V,T125	IEC 61051-1: 2007 IEC 61051-2: 1991 IEC 61051-2-2: 1991 DIN EN 61051- 1:2009	VDE 40050909
Optocoupler	SHARP CORP ELECTRONIC	PC817	Viso=5000V, T110	IEC 60747-5-5: 2020 EN 60747-5-5: 2020	VDE400080 87
Alt.	LITE-ON TECHNOLOG Y CORP	LTV-817	Viso=5000V, T100	IEC 60747-5-5: 2020 EN 60747-5-5: 2020	VDE 40015248
Alt.	TOSHIBA CORP	TLP781	Viso=5000V, T110	IEC 60747-5-5: 2020 EN 60747-5-5: 2020	VDE 40021173
Alt.	EVERLIGHT ELECTRONIC S Co., LTD	EL817	Viso=5000V, T100	IEC 60747-5-5: 2020 EN 60747-5-5: 2020	VDE132249
Alt.	Renesas Electronics Corporation	PS2561A-1	Viso=5000V, T110	IEC 60747-5-5: 2020 EN 60747-5-5: 2020	VDE400088 62
Alt.	Toshiba Corporation Semiconducto r	TLP785	Viso=5000V, T100	IEC 60747-5-5: 2020 EN 60747-5-5: 2020	VDE400318 08



Contract for using components and construction parts

Form No.: Safety-QR-035

Reference report number: GZES230500991102A1

Page: 35 of 35

Testing and Certification:

Test Report: ☒
CB: ☐
FI: ☐
ENEC: ☐
CE-Marking: ☒
Others: GS ☒

2. The applicant declares that the safety critical components inclusive alternative components if any, are listed in the table above
3. The SGS-CSTC and the applicant recognise the
 - a) Standard Terms and Conditions of SGS,
 - b) Testing and Certification Regulations for the relevant certificates and the handling of certification for products for the mutual business as binding for both sides.
4. This contract is valid for the period of the certificates given on the basis of the project stated in this contract.

2023-08-25

(Place), (Date)

SGS-CSTC Standards Technical
Services Co.,Ltd.

Stamp and signature



Guangdong 2023/6/7

(Place), (Date)

Applicant

Stamp and signature



VERIFICATION OF COMPLIANCE

No.: LVD GZES2308014464HS

Applicant: Guangdong Galanz Enterprises Co., Ltd.
25 Ronggui Nan Road, Shunde, Foshan, Guangdong, China

Manufacturer: Guangdong Galanz Microwave Electrical Appliances
Manufacturing Co., Ltd.
3 Xingpu Avenue, Huangpu, Zhongshan, Guangdong, China

Product Name: Microwave Oven

Product Description: Microwave Oven

Model No.: See page 2

Trade Mark: **Galanz**

Rating: 230 V – 240 V; 230 V; 50 Hz; 1400 W (Microwave), 1000 W
(Grill); Microwave output: 900 W; 2450 MHz

Protection against Electric Shock: Class I

Additional Information: This verification replaces LVD GZES2305009911HS

Sufficient samples of the product have been tested and found to be in conformity with

Test Standard: EN IEC 60335-2-25: 2021 + A11: 2021
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

as shown in the

Test Report Number(s): GZES230500991102A1

This Verification of Compliance has been granted to the applicant based on the results of tests, performed by Laboratory of SGS-CSTC Standards Technical Services Co., Ltd. on sample of the above-mentioned product in accordance with the provisions of the relevant harmonized standards under the Low Voltage Directive 2014/35/EU. The CE marking as shown below can be affixed, under the responsibility of the manufacturer, after completion of an EC Declaration of Conformity and compliance with all relevant EC Directives. The affixing of the CE marking presumes in addition that the conditions in annexes III and IV of the Directive are fulfilled.



David Guo
Senior Technical Manager

2023-09-13

SGS-CSTC

This verification is issued by the company under its General Conditions of Services accessible at <https://www.sgs.com/en/terms-and-conditions>. Attention is drawn to the limitations of liability defined therein and in the Test Report here above mentioned which findings are reflected in this verification. 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.

Member of SGS Group (Société Générale de Surveillance)



No.:

LVD GZES2308014464HS

Other information added:

Model No.: D90D23(x)(y)(E17)
(x)= L, SL, TL, EL, ETL, EP, ETP, AL, ATL, MP, MTP, ML, MTL, P, SP, TP, AP, ATP, DAL, DATL, ESL, ESP, ASL, MSP, MSL, ASP, DASL
(y)= -ZS, -YR, -T2, -G3, -ZSF, -DA, -B7, -QF, -EA, -ZHA, -ZV, -ZVB, -ZW, -ZWA, -B1, -D4, -M8, -ZSA, -TS, -YT, -YX, -LXA, -XJA, -H3, -XCX, -B8, -ZWB, -BM2, -XC, -XJF, -B8G, -XJB, -CF, -ZVD, -G7, -BM1, -CG, -DU, -G5, -CH
D90D23EL-B8/H(E17), D90D23EL-B8G/H(E17), D90D23ESL-B8/H(E17),
D90D23ESL-B8G/H(E17), D90D23ETL-B8/H(E17), D90D23ETL-B8G/H(E17)

David Guo

Senior Technical Manager

SGS-CSTC



2023-09-13

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Member of SGS Group (Société Générale de Surveillance)



Ref. Certif. No.

FI-56915/M1

IEC SYSTEM FOR MUTUAL RECOGNITION OF TEST CERTIFICATES FOR ELECTRICAL EQUIPMENT
(IECEE) CB SCHEME

CB TEST CERTIFICATE

Product

Microwave Oven

Name and address of the applicant

Guangdong Galanz Enterprises Co., Ltd.
25 Ronggui Nan Road, Shunde, Foshan, Guangdong,
China

Name and address of the manufacturer

Guangdong Galanz Microwave Electrical Appliances
Manufacturing Co., Ltd.
3 Xingpu Avenue, Huangpu, Zhongshan, Guangdong,
China

Name and address of the factory

See page 2

Note: When more than one factory, please report on page 2

☒ Additional Information on page 2

Ratings and principal characteristics

230 V – 240 V; 230 V; 50 Hz; 1400 W (Microwave),
1000 W (Grill); Class I;
Microwave output: 900 W; 2450 MHz

Trademark / Brand (if any)

Galanz

Customer's Testing Facility (CTF) Stage used

-

Model / Type Ref.

See page 2

Additional information (if necessary may also be
reported on page 2)Modification of FI-56915 dated 2023-07-07, additional
new models.☐ Additional Information on page 2A sample of the product was tested and found
to be in conformity withIEC 60335-2-25:2020
IEC 60335-2-9:2019
IEC 60335-1:2010, IEC 60335-1:2010/AMD1:2013,
IEC 60335-1:2010/AMD2:2016

National Differences:

EU Group Differences, DE, GB

GZES230500991101, GZES230500991102A1

As shown in the Test Report Ref. No. which
forms part of this Certificate

This CB Test Certificate is issued by the National Certification Body

SGS Fimko Ltd
Takomotie 8
FI-00380 Helsinki, Finland

SGS

Date: 2023-09-13

Signature:

Ralf Klingberg
Certification Manager

Issued 2018-06-05

1/2

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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. 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.

Name and address of the factories:

1. Guangdong Galanz Microwave Electrical Appliances Manufacturing Co., Ltd.
3 Xingpu Avenue, Huangpu, Zhongshan, Guangdong, China
2. Guangdong Galanz Microwave Oven and Electrical Appliances Manufacturing Co., Ltd.
25 Ronggui Nan Road, Shunde, Foshan, Guangdong, China

Additional information:**Model / Type Ref.:**

D90D23(x)(y)(E17)

(x)= L, SL, TL, EL, ETL, EP, ETP, AL, ATL, MP, MTP, ML, MTL, P, SP, TP, AP, ATP, DAL, DATL, ESL, ESP, ASL, MSP, MSL, ASP, DASL

(y)= -ZS, -YR, -T2, -G3, -ZSF, -DA, -B7, -QF, -EA, -ZHA, -ZV, -ZVB, -ZW, -ZWA, -B1, -D4, -M8, -ZSA, -TS, -YT, -YX, -LXA, -XJA, -H3, -XCX, -B8, -ZWB, -BM2, -XC, -XJF, -B8G, -XJB, -CF, -ZVD, -G7, -BM1, -CG, -DU, -G5, -CH

D90D23EL-B8/H(E17), D90D23EL-B8G/H(E17), D90D23ESL-B8/H(E17), D90D23ESL-B8G/H(E17), D90D23ETL-B8/H(E17), D90D23ETL-B8G/H(E17)

SGS Fimko Ltd
Takomotie 8
FI-00380 Helsinki, Finland



Date: 2023-09-13

Signature:



Ralf Klingberg
Certification Manager