

Prüfbericht-Nr.: Test Report No.:	16061474 008	Auftrags-Nr.: Order No.:	170110265	Seite 1 von 1 Page 1 of 1
Kunden-Referenz-Nr.: Client Reference No.:	N/A	Auftragsdatum: Order date:	20.05.2019	
Auftraggeber: Client:	FOSHAN CITY SHUNDE DISTRICT HUIERJIA HOUSEHOLD ELECTRICAL CO., LTD. No.5, Shunyuan Bei, Wusha Industrial District, Daliang, Shunde, FOSHAN 528300, P.R. CHINA			
Prüfgegenstand: Test item:	Electric Fondue			
Bezeichnung / Typ-Nr.: Identification / Type No.:	EF-10			
Auftrags-Inhalt: Order content:	GS Mark			
Prüfgrundlage: Test specification:	EN 60335-1:2012+A11+A13 EN 60335-2-15:2016, EN 60335-2-9:2003+A1+A2+A12+A13, EN 60335-2-13:2010+A11, EN 62233:2008, AfPS GS 2014:01			
Wareneingangsdatum: Date of receipt:	22.05.2019	Keine Fotodokumentation erforderlich No photo documentation required		
Prüfmuster-Nr.: Test sample No.:	A000925509			
Prüfzeitraum: Testing period:	25.05.2019 to 10.06.2019			
Ort der Prüfung: Place of testing:	TÜV Rheinland (Guangdong) Ltd.			
Prüflaboratorium: Testing laboratory:	TÜV Rheinland (Guangdong) Ltd.			
Prüfergebnis*: Test result*:	Pass			
geprüft von / tested by:		kontrolliert von / reviewed by:		
26.06.2019 Martin Bi / Senior Project Engineer		26.06.2019 Candy Wu / Technical Certifier		
Datum Date	Name / Stellung Name / Position	Unterschrift Signature	Datum Date	Name / Stellung Name / Position
Sonstiges / Other: This report consists 1 page of cover page and 34 pages of main test report.				
Zustand des Prüfgegenstandes bei Anlieferung: Condition of the test item at delivery:		Prüfmuster vollständig und unbeschädigt Test item complete and undamaged		
* Legende: 1 = sehr gut 2 = gut 3 = befriedigend 4 = ausreichend 5 = mangelhaft P(ass) = entspricht o.g. Prüfgrundlage(n) F(ail) = entspricht nicht o.g. Prüfgrundlage(n) N/A = nicht anwendbar N/T = nicht getestet				
Legend: 1 = very good 2 = good 3 = satisfactory 4 = sufficient 5 = poor P(ass) = passed a.m. test specification(s) F(ail) = failed a.m. test specification(s) N/A = not applicable N/T = not tested				
Dieser Prüfbericht bezieht sich nur auf das o.g. Prüfmuster und darf ohne Genehmigung der Prüfstelle nicht auszugsweise vervielfältigt werden. Dieser Bericht berechtigt nicht zur Verwendung eines Prüfzeichens.				
This test report only relates to the a. m. test sample. Without permission of the test center this test report is not permitted to be duplicated in extracts. This test report does not entitle to carry any test mark.				

Test Report issued under the responsibility of:



TEST REPORT IEC 60335-2-15 Safety of household and similar electrical appliances Part 2: Particular requirements for appliances for heating liquids	
Report Number :	16061474 008
Date of issue :	See cover page
Total number of pages	34 pages
Name of Testing Laboratory preparing the Report	TÜV Rheinland (Guangdong) Ltd. No.199 Kezhu Road, Guangzhou Science City 510663, Guangzhou, CHINA
Applicant's name	FOSHAN CITY SHUNDE DISTRICT HUIERJIA HOUSEHOLD ELECTRICAL CO., LTD.
Address :	No.5, Shunyuan Bei, Wusha Industrial District, Daliang, Shunde, FOSHAN 528300, P.R. CHINA
Test specification:	
Standard	IEC 60335-2-15:2012 for use in conjunction with IEC 60335-1:2010
Test procedure	CB Scheme
Non-standard test method	N/A
Test Report Form No.	IEC60335_2_15N
Test Report Form(s) Originator :	IMQ S.p.A.
Master TRF	Dated 2017-08
Copyright © 2017 IEC System of Conformity Assessment Schemes for Electrotechnical Equipment and Components (IECEE System). All rights reserved.	
This publication may be reproduced in whole or in part for non-commercial purposes as long as the IECEE is acknowledged as copyright owner and source of the material. IECEE takes no responsibility for and will not assume liability for damages resulting from the reader's interpretation of the reproduced material due to its placement and context.	
If this Test Report Form is used by non-IECEE members, the IECEE/IEC logo and the reference to the CB Scheme procedure shall be removed.	
This report is not valid as a CB Test Report unless signed by an approved CB Testing Laboratory and appended to a CB Test Certificate issued by an NCB in accordance with IECEE 02.	
General disclaimer:	
The test results presented in this report relate only to the object tested. 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 :	Electric Fondue	
Trade Mark :	N/A	
Manufacturer	Same as applicant	
Model/Type reference	EF-10	
Ratings	220-240V~, 50Hz, 1500W, Class I	
Responsible Testing Laboratory (as applicable), testing procedure and testing location(s):N/A		
<input type="checkbox"/>	CB Testing Laboratory:	
Testing location/ address :		
Tested by (name, function, signature) :		
Approved by (name, function, signature) ... :		
<input type="checkbox"/>	Testing procedure: CTF Stage 1:	
Testing location/ address :		
Tested by (name, function, signature) :		
Approved by (name, function, signature) ... :		
<input type="checkbox"/>	Testing procedure: CTF Stage 2:	
Testing location/ address :		
Tested by (name + signature)		
Witnessed by (name, function, signature) . :		
Approved by (name, function, signature) ... :		
<input type="checkbox"/>	Testing procedure: CTF Stage 3:	
<input type="checkbox"/>	Testing procedure: CTF Stage 4:	
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):

N/A

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

1. Model EF-10 was performed for the construction check. New standard EN 60335-2-15:2016 and EN 60335-1:2012/A13 was considered.
2. The submitted samples were tested and found to comply with the requirements of standards list on first page.

Testing location:

TÜV Rheinland (Guangdong) Ltd.
No.199 Kezhu Road, Guangzhou Science City
510663, Guangzhou, CHINA

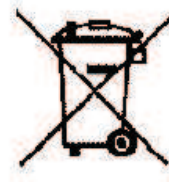
Summary of compliance with National Differences (List of countries addressed):

DE, EU Group Differences
DE=Germany

The product fulfils the requirements of EN 60335-1:2012+A11+A13, EN 60335-2-15:2016, EN 60335-2-9:2003+A1+A2+A12+A13, EN 60335-2-13:2010+A11, EN 62233:2008.

Copy of marking plate:**Electric Fondue****Model: EF-10****220-240V~, 50Hz, 1500W**

www.tuv.com
ID 1419070297



FOSHAN CITY SHUNDE DISTRICT
HUIERJIA HOUSEHOLD ELECTRICAL CO.,
LTD.

No.5, Shunyuan Bei, Wusha Industrial District,
Daliang, Shunde, FOSHAN 528300, P.R.
CHINA

Test item particulars:	Electric Fondue				
Classification of installation and use:	Portable appliance and household indoor use				
Supply Connection	Non-detachable supply 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	See cover page				
Date (s) of performance of tests	See cover page				
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 <input type="checkbox"/> comma / <input checked="" type="checkbox"/> point is used as the decimal separator.					
Remark:					
1. This report is based on report 16061474 001 to 16061474 007 for the following modifications:					
1.1 standard upgraded:					
From	To				
EN 60335-1: 2012+A11	EN 60335-1: 2012+A11+A13				
EN 60335-2-15: 2002+A1+A2+A11	EN 60335-2-15: 2016				
EN 62233:2008	EN 62233: 2008				
EN 60335-2-9:2003+A1+A2+A12+A13	EN 60335-2-9:2003+A1+A2+A12+A13				
EN 60335-2-13:2010+A11	EN 60335-2-13:2010+A11				
AfPS GS 2014:01	AfPS GS 2014:01				
1.2 Adding alternative components as below for all models:					
Object / part No.	Manufacturer/ trademark	Type / model	Technical data	Standard	Mark(s) of conformity ¹⁾
Power Cord	Zhongshancity Hongshanchuan Polymer Materials Co.,Ltd	H05RN-F	3G 0,75 mm ² (length <2m) 3G 1,0 mm ²	DIN VDE0282- 4	VDE
Plug	Hong Shan Chuan Industry (Shen Zhen) Co., Ltd.	HSC-403	AC 250V, 16 A	DIN VDE 0620	VDE
BS Plug	Guangdong Rifeng Electric Cable co.,Ltd	RF-81	AC 250 V, 13 A	BS 1363	ASTA
Alternative	Guangdong Huasheng Electrical	CT-308	AC 250 V, 13 A	BS 1363	ASTA

	Appliances Co., Ltd. (WASUNG)				
Alternative	Shen Zhen Hong Shan Chuan Industry Co., Ltd.	HSC-601	AC 250 V, 13 A	BS 1363	ASTA
Swiss plug	Zhong Shan HongShan Chuan Polymer Materials Co.,Ltd	HSC-402	AC 250V, 10A	SEV 1011:2009	ESTI
Thermal link	NEC SCHOTT Cmponents Corporation	SF-240R0	AC250V,15A Tf=240°C	EN 60691	VDE
Internal wire	JIANGYIN SHENGDE SPECIAL WIRE & CABLE CO LTD	3122	18-20AWG, 300V, 200°C	EN 60335-1 EN 60335-2-9 EN 60335-2-13 EN 60335-2-15	Tested with appliance UL E302077
Internal wiring to lamp	JIANGYIN SHENGDE SPECIAL WIRE & CABLE CO LTD	3122	22-24AWG, 300V, 200°C	EN 60335-1 EN 60335-2-9 EN 60335-2-13 EN 60335-2-15	Tested with appliance UL E302077

2. Tested according to European harmonized standards.

3. The separately Pot has evaluated according to EN 12983-1:2000+A1:2004+AC:2008.

4. Relevant EK1 decisions have been considered.

5. Foreseeable use was considered, currently neither a safeguard clause procedure has been invoked nor is an increase in accidents known for this products.

6. Product complies with AfPS GS 2014:01. Refer to previous test report 16061474 004 for PAHs evaluation report.

7. This test report shall be used together with previous test report 16061474 001 to 16061474 007.

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

General product information:

The appliance is Class I Portable electric fondue for household and indoor use only.

IEC 60335-2-15			
Clause	Requirement + Test	Result - Remark	Verdict
24	COMPONENTS		P
24.1	Components comply with safety requirements in relevant IEC standards		P
	List of components :	(See appended table)	P
	If components have not been tested and found to comply with relevant IEC standard for the number of cycles specified, they are tested in accordance with 24.1.1 to 24.1.9		P
	For components mentioned in 24.1.1 to 24.1.9 no additional tests specified in the relevant component standard are necessary other than those specified in 24.1.1 to 24.1.9		P
	Components not tested and found to comply with relevant IEC standard and components not marked or not used in accordance with its marking, tested under the conditions occurring in the appliance		P
	Lampholders and starterholders that have not being tested and found to comply with the relevant IEC standard, tested as a part of the appliance and additionally according to the gauging and interchangeability requirements of the relevant IEC standard		N/A
	No additional tests specified for nationally standardized plugs such as those detailed in IEC/TR 60083 or connectors complying with the standard sheets of IEC 60320-1 and IEC 60309		N/A
24.1.1	Capacitors likely to be permanently subjected to the supply voltage and used for radio interference suppression or for voltage dividing, complying with IEC 60384-14		N/A
	If the capacitors have to be tested, they are tested according to Annex F		N/A
24.1.2	Safety isolating transformers complying with IEC 61558-2-6		N/A
	If they have to be tested, they are tested according to Annex G		N/A
24.1.3	Switches complying with IEC 61058-1, the number of cycles of operation being at least 10 000		N/A
	If they have to be tested, they are tested according to Annex H		N/A
	If the switch operates a relay or contactor, the complete switching system is subjected to the test		N/A

IEC 60335-2-15			
Clause	Requirement + Test	Result - Remark	Verdict
	If the switch only operates a motor starting relay complying with IEC 60730-2-10 with the number of cycles of a least 10 000 as specified, the complete switching system need not be tested		N/A
	Switches incorporated in espresso coffee-makers for initiating brewing or steaming tested for 10 000 cycles (IEC 60335-2-15:2002)		N/A
24.1.4	Automatic controls complying with IEC 60730-1 with the relevant part 2. The number of cycles of operation being at least:		P
	- thermostats: 1 0 000	Approved	P
	- temperature limiters: 1 000		N/A
	- self-resetting thermal cut-outs: 300		N/A
	- voltage maintained non-self-resetting thermal cut-outs: 1 000		N/A
	- other non-self-resetting thermal cut-outs: 30		N/A
	- timers: 3 000		N/A
	- energy regulators: 10 000		N/A
	The number of cycles for controls operating during clause 11 need not be declared, if the appliance meets the requirements of this standard when they are short-circuited		N/A
	Thermal motor protectors are tested in combination with their motor under the conditions specified in Annex D		N/A
	For water valves containing live parts and that are incorporated in external hoses for connection of an appliance to the water mains, the degree of protection declared for subclause 6.5.2 of IEC 60730-2-8 is IPX7		N/A
	Self-resetting thermal cut-outs required for compliance with the test of 19.101 are subjected to 3 000 cycles of operation (IEC 60335-2-15:2002)		N/A
24.1.5	Appliance couplers complying with IEC 60320-1		N/A
	However, for appliances classified higher than IPX0, the appliance couplers complying with IEC 60320-2-3		N/A
	Interconnection couplers complying with IEC 60320-2-2		N/A
	Appliance couplers incorporating thermostats, thermal cut-outs or fuses in the connectors comply with IEC 60320-1, except that: (IEC 60335-2-15:2002)		N/A

IEC 60335-2-15			
Clause	Requirement + Test	Result - Remark	Verdict
	- the earthing contact of connector is allowed to be accessible, if contact is not likely to be gripped during insertion or withdrawal of the connector		N/A
	- the temperature required for the test of clause 18 is that measured on the pins of the appliance inlet during test of clause 11 of this standard		N/A
	- The breaking-capacity test of clause 19 carried out using the inlet of the appliance		N/A
	- the temperature rise of current-carrying parts specified in clause 21 not determined		N/A
24.1.6	Small lamp holders similar to E10 lampholders complying with IEC 60238, the requirements for E10 lampholders being applicable		N/A
24.1.7	For remote operation of the appliance via a telecommunication network, the relevant standard for the telecommunication interface circuitry in the appliance is IEC 62151		N/A
24.1.8	The relevant standard for thermal links is IEC 60691		P
	Thermal links not complying with IEC 60691 are considered to be an intentionally weak part for the purposes of Clause 19		N/A
24.1.9	Contactors and relays, other than motor starting relays, tested as part of the appliance		N/A
	They are also tested in accordance with Clause 17 of IEC 60730-1, the number of cycles of operations in 24.1.4 selected according to the contactor or relay function in the appliance.....:		N/A
24.2	Appliances not fitted with:		P
	- switches or automatic controls in flexible cords		P
	- devices causing the protective device in the fixed wiring to operate in the event of a fault in the appliance		P
	- thermal cut-outs that can be reset by soldering, unless		P
	the solder has a melting point of at least 230 °C		N/A
24.3	Switches intended for all-pole disconnection of stationary appliances are directly connected to the supply terminals and have a contact separation in all poles, providing full disconnection under overvoltage category III conditions		N/A

IEC 60335-2-15			
Clause	Requirement + Test	Result - Remark	Verdict
24.4	Plugs and socket-outlets for extra-low voltage circuits and heating elements, not interchangeable with plugs and socket-outlets listed in IEC/TR 60083 or IEC 60906-1 or with connectors and appliance inlets complying with the standard sheets of IEC 60320-1		N/A
	See Note 101 (IEC 60335-2-15:2002)		N/A
24.5	Capacitors in auxiliary windings of motors marked with their rated voltage and capacitance, and used accordingly		N/A
	Voltage across capacitors in series with a motor winding does not exceed 1,1 times rated voltage, when the appliance is supplied at 1,1 times rated voltage under minimum load		N/A
24.6	Working voltage of motors connected to the supply mains and having basic insulation that is inadequate for the rated voltage of the appliance, not exceeding 42 V		N/A
	In addition, the motors comply with the requirements of Annex I		N/A
24.7	Detachable hose-sets for connection of appliances to the water mains comply with IEC 61770		N/A
	They are supplied with the appliance		N/A
	Appliances intended to be permanently connected to the water mains not connected by a detachable hose-set		N/A
24.8	Motor running capacitors in appliances for which 30.2.3 is applicable and that are permanently connected in series with a motor winding, not causing a hazard in event of a failure		N/A
	One or more of the following conditions are to be met:		N/A
	- the capacitors are of class P2 according to IEC 60252-1		N/A
	- the capacitors are housed within a metallic or ceramic enclosure		N/A
	- the distance of separation of the outer surface to adjacent non-metallic parts exceeds 50 mm		N/A
	- adjacent non-metallic parts within 50 mm withstand the needle-flame test of Annex E		N/A
	- adjacent non-metallic parts within 50 mm classified as at least V-1 according to IEC 60695-11-10		N/A

IEC 60335-2-15			
Clause	Requirement + Test	Result - Remark	Verdict
24.101	Devices incorporated in appliance, other than kettles, in order to comply with 19.4 are non-self-resetting (IEC 60335-2-15:2002)		N/A
	However, self-resetting thermal cut-outs are allowed for fixed water boilers, if they have been tested for 10 000 cycles of operation		N/A
	Compliance is checked by inspection and during the test of 19.4		N/A

Deviation Report of IEC 60335-2-15: 2012 from IEC 60335-2-15: 2002+A1:2005+A2:2008			
7	MARKING AND INSTRUCTIONS		P
	Soy milk makers: level mark or other means to indicate when they are filled to rated capacity (IEC 60335-2-15)		N/A
	Unless they cannot be filled beyond their rated capacity (IEC 60335-2-15)		N/A
7.12	Instructions for safe use provided		P
	Instructions for pressure cookers, other than dynamic pressure cookers: (IEC 60335-2-15)		N/A
	- state that the ducts in the pressure regulator allowing the escape of steam should be checked regularly to ensure that they are not blocked		N/A
	Instructions for pressure cookers: (IEC 60335-2-15)		N/A
	- give details of how to open the container safely		N/A
	- and state that the container must not be opened until the pressure has decreased sufficiently		N/A
	The instructions for all appliances include: (IEC 60335-2-15)		P
	- a warning to avoid spillage on the connector		N/A
	- details on how to clean the surfaces in contact with food		P
	- a warning of potential injury from misuse		P
	- a statement that the heating element surface is subject to residual heat after use		P
	The instructions for soy milk makers also include a statement that care shall be taken when handling the sharp cutting blades, emptying the container and during cleaning (IEC 60335-2-15)		N/A
	The instruction for soy milk makers incorporating a switch necessary for compliance with 22.40 include the substance of the following: (IEC 60335-2-15)		N/A
	- Switch off the appliance and disconnect from supply before changing accessories or approaching parts that move in use		N/A

IEC 60335-2-15			
Clause	Requirement + Test	Result - Remark	Verdict
11	HEATING		P
11.3	See Note 101 (IEC 60335-2-15)		N/A
19	ABNORMAL OPERATION		P
19.4	Pressure cookers: (IEC 60335-2-15)		N/A
	- all pressure regulating devices rendered inoperative; and		N/A
	- in other than dynamic pressure cookers, all protective devices that vent steam and intentionally weak parts that vent steam rendered inoperative; and		N/A
	- in dynamic pressure cookers, all protective devices, other than intentionally weak parts, that vent steam rendered inoperative		N/A
19.7	Soy milk makers operated for one cycle of operation (IEC 60335-2-15)		N/A
19.13	During the test of 19.4, protective devices or intentionally weak parts of dynamic pressure cookers operate before pressure has reached 250 kPa (IEC 60335-2-15)		N/A
19.104	The overloading of a soy milk maker does not result in a hazard (IEC 60335-2-15)		N/A
	Compliance is checked by the test as specified		N/A
	During the test, any flames keep within the enclosure and supporting surface does not ignite		N/A
	After the test, live parts not be accessible		N/A
19.105	When a soy milk maker is disconnected from the supply accidentally during normal use, it does not result in a hazard (IEC 60335-2-15)		N/A
	Compliance is checked by the test as specified		N/A
	During the test, any flames keep within the enclosure and supporting surface does not ignite		N/A
	After the test, live parts not be accessible		N/A
20	STABILITY AND MECHANICAL HAZARDS		P
20.101	The container and cutting blades of soy milk makers have adequate mechanical strength (IEC 60335-2-15)		N/A
	Compliance is checked by the test as specified		N/A
	Container and cutting blades not broken		N/A
20.102	The rotating parts of soy milk makers not become loose during operation (IEC 60335-2-15)		N/A

IEC 60335-2-15			
Clause	Requirement + Test	Result - Remark	Verdict
	Compliance is checked by inspection and manual test as specified		N/A
	Fastening of screws and nuts in a direction opposite to the direction of rotation of the rotating parts considered to be a suitable means of securing the rotating parts		N/A
20.103	For soy milk makers: lid interlock, if any, constructed so that accidental operation of the appliance is prevented (IEC 60335-2-15)		N/A
	Lid interlock switches are biased-off switches		N/A
	If there is an interlock between the lid and the main switch, the lid is locked when the switch is in the on position		N/A
	When the lid is not correctly closed, the switch is locked in the off position		N/A
	Compliance is checked by inspection, by manual test and by applying test probe B of IEC 61032		N/A
21	MECHANICAL STRENGTH		P
21.1	Breakage of glass parts is neglected provided that compliance with 8.1, 15.1 and 15.101 is not impaired (IEC 60335-2-15)		N/A
22	CONSTRUCTION		P
22.7	Adequate safeguards against the risk of excessive pressure in appliances containing liquid or gases or having steam-producing devices		N/A
	Additional test for espresso coffee-maker : (IEC 60335-2-15)		N/A
	Appliance operated with coffee filter blocked and any steam valve closed. The maximum pressure attained is measured, then the appliance is subjected to twice the measure pressure for 5 min		N/A
	No rupture, no abnormal leakage; appliance fit for further use		N/A
	Maximum pressure test with pressure limiting devices made ineffective		N/A
	No explosion nor emission of dangerous jets of steam		N/A
	Last test repeated in case of rupture of an intentionally weak part: the appliance shall be terminated in the same mode		N/A

IEC 60335-2-15			
Clause	Requirement + Test	Result - Remark	Verdict
	Pressure cookers except dynamic pressure cookers: all pressure regulators and pressure-relief devices are rendered inoperative and lids closed. Pressure increased to two times the operating pressure of the pressure relief device during the test of 19.4		N/A
	Dynamic pressure cookers: the pressure is gradually increased hydraulically to 50 kPa in excess of the operating pressure of the pressure relief device or intentionally weak part during the test of 19.4		N/A
	No rupture of container		N/A
22.40	For soy milk makers, any switch controlling the motor also disconnect electronic circuits, if their malfunction would impair compliance with this standard (IEC 60335-2-15)		N/A
	Compliance is checked by the tests of Clause 19 (IEC 60335-2-15)		N/A
22.103	Appliance coupler of cordless appliances constructed to withstand the stresses occurring during normal use (IEC 60335-2-15)		N/A
	Compliance is checked by the test as specified		N/A
	Appliance is placed on its stand and withdrawn for:		N/A
	- cordless kettles 10 000 times		N/A
	- cordless coffee makers 10 000 times		N/A
	- other cordless appliances 6 000 times		N/A
	The test continued without current flowing for a further 10 000 times for cordless kettles and cordless coffee makers, or		N/A
	6 000 times for other cordless appliances		N/A
	If a single stand is supplied with more than one cordless appliance, the test for each cordless appliance is carried out using the same stand		N/A
	The appliance is suitable for further use and compliance with 8.1, 16.3, 27.5 and clause 29 not be impaired		N/A
	The test is carried out without current flowing if the connection contacts cannot make or break on load		N/A
22.109	Pressure cookers constructed so that the pressure in the container is not excessive when the lid is not closed or is incorrectly fitted (IEC 60335-2-15)		N/A
	Compliance is checked by the test as specified		N/A
	Pressure not exceeding 4,0 kPa		N/A

IEC 60335-2-15			
Clause	Requirement + Test	Result - Remark	Verdict
22.110	Feeding-bottle heater: visible or audible signal to indicate the end of the heating period (IEC 60335-2-15)		N/A
22.111	Espresso coffee-makers, incorporating a pressurized reservoir filled by the user constructed so that there is no spillage of water or sudden jets of steam or hot water (IEC 60335-2-15)		N/A
	When removing the filling cap of the pressurized reservoir, before the cap is removed completely, the pressure relieves in a controlled manner		N/A
	Compliance is checked by inspection during the test of clause 11 and by removing the filling cap at the end of the test		N/A
22.112	Soy milk makers constructed so that steam or hot water are not ejected which may expose the user to a hazard (IEC 60335-2-15)		N/A
22.113	Appliances with moving mechanical parts constructed so that lubricants are prevented from polluting food compartments (IEC 60335-2-15)		N/A
22.114	Appliances constructed so that food or liquids are prevented from penetrating into places that could cause electrical or mechanical faults (IEC 60335-2-15)		P
24	COMPONENTS		P
24.1.3	Switches incorporated in dynamic pressure cookers for controlling heaters are subjected to 50 000 cycles of operation and are tested under the conditions of Clause 11 with the appliance supplied at rated voltage (IEC 60335-2-15)		N/A
24.1.5	Appliance couplers complying with IEC 60320-1		N/A
	Thermal controls are not allowed in connectors complying with the standard sheets of IEC 60320-1 (IEC 60335-2-15)		N/A
24.4	Not applicable to the connection between the appliance and the stand of cordless appliances (IEC 60335-2-15)		N/A
25	SUPPLY CONNECTION AND EXTERNAL FLEXIBLE CORDS		P
25.22	Appliance inlets:		N/A
	Soy milk maker inlets located so that pollution by soy milk is unlikely to occur during normal use (IEC 60335-2-15)		N/A
25.101	The length of the cord is measured between the plug and the point where the cord or cord guard enters the appliance		N/A

IEC 60335-2-15			
Clause	Requirement + Test	Result - Remark	Verdict
30	RESISTANCE TO HEAT AND FIRE		P
30.2	For water distillers, appliances incorporating a delayed start timer and appliances intended to maintain liquid or food at a particular temperature, 30.2.3 applies (IEC 60335-2-15)		N/A

**ATTACHMENT TO TEST REPORT IEC 60335-2-15
EUROPEAN GROUP DIFFERENCES AND NATIONAL DIFFERENCES**

Household and similar electrical appliances – Safety –
Part 2: Particular requirements for appliances for heating liquids

Differences according to.....	EN 60335-2-15:2016 used in conjunction with EN 60335-1:2012 + AC:2014 + A11:2014 EN 62233:2008		
Attachment Form No.:	EU_GD_IEC60335_2_15M		
Attachment Originator.....:	IMQ S.p.A.		
Master Attachment.....:	2017-05		
Copyright © 2017 IEC System of Conformity Assessment Schemes for Electrotechnical Equipment and Components (IECEE System). All rights reserved.			
	CENELEC COMMON MODIFICATIONS		
6.1	Delete “class 0” and “class 01”		P
7.1	Single-phase appliances to be connected to the supply mains: 230 V covered		P
	Multi-phase appliances to be connected to the supply mains: 400 V covered		N/A
	When the provisions of footnote b to Table Z101 apply, the appliance shall be marked with (EN 60335-2-15)		N/A
	– the substance of “CAUTION: Hot surface”, or (EN 60335-2-15)		N/A
	– symbol IEC 60417-5041. (EN 60335-2-15)		N/A
	The warning shall be put on the surface of the appliance having the highest temperature (EN 60335-2-15)		N/A
	and shall be visible during normal use. (EN 60335-2-15)		N/A
7.6	[symbol IEC 60417-5041] Caution, hot surface (EN 60335-2-15)		N/A

IEC 60335-2-15			
Clause	Requirement + Test	Result - Remark	Verdict
7.10	The accessible switch required by 22.40 shall be distinguished from other manual devices by means of shape, or size, or surface texture, or position, etc. (EN 60335-2-15)		P
	An indication that the device has been operated shall be given by: (EN 60335-2-15)		P
	<ul style="list-style-type: none"> a tactile feedback, or 		P
	<ul style="list-style-type: none"> an audible and visual feedback. 		N/A
	A selector switch with an off-position clearly identifiable is allowed. (EN 60335-2-15)		N/A
	An ON/OFF switch, if any, is considered a suitable device to stop operational functions. A plug is not considered a suitable device to stop operational functions, as it can be difficult to be reached by vulnerable persons. (EN 60335-2-15)		P
7.12	The instructions for pressure cookers, glue pots with a water jacket, livestock feed boilers, sterilizers, soy milk makers, wash boilers shall include the substance of the following: (EN 60335-2-15)		N/A
	- This appliance shall not be used by children. Keep the appliance and its cord out of reach of children.		N/A
	The instructions for cooking pans, slow cookers, steam cookers, rice cookers, coffee-makers, kettles, egg boilers, milk heaters, tea makers shall include the substance of the following: (EN 60335-2-15)		P
	- This appliance can be used by children aged from 8 years and above if they have been given supervision or instruction concerning use of the appliance in a safe way and if they understand the hazards involved. Cleaning and user maintenance shall not be made by children unless they are older than 8 and supervised. Keep the appliance and its cord out of reach of children aged less than 8 years.		P
	The instructions for feeding bottle heaters, yoghurt makers shall include the substance of the following: (EN 60335-2-15)		N/A
	- This appliance can be used by children aged from 3 years and above if they have been given supervision or instruction concerning use of the appliance in a safe way and understand the hazards involved. Cleaning and user maintenance shall not be made by children unless they are aged from 8 years and above and supervised. Keep the appliance and its cord out of reach of children aged less than 3 years.		N/A
	The instructions shall also include the substance of the following: (EN 60335-2-15)		P

IEC 60335-2-15			
Clause	Requirement + Test	Result - Remark	Verdict
	- Appliances can be used by persons with reduced physical, sensory or mental capabilities or lack of experience and knowledge if they have been given supervision or instruction concerning use of the appliance in a safe way and understand the hazards involved.		P
	- Children shall not play with the appliance.		P
	If symbol IEC 60417-5041 is marked on the appliance, the instructions shall state that surfaces are liable to get hot during use. (EN 60335-2-15)		N/A
7.12.Z1	The specific instructions related to the safe operation of this appliance is collated together in the front section of the user instructions		P
	The height of the characters, measured on the capital letters, is at least 3 mm		P
	These instructions are also available in an alternative format, e.g. on a website		P
7.14	The height of symbol IEC 60417-5041 shall be at least 8 mm. (EN 60335-2-15)		N/A
	The height of the warning "CAUTION. Hot surface" shall be at least 4 mm (measured on the capital letters). (EN 60335-2-15)		N/A
8.1.1	Also test probe 18 of EN 61032 is applied		P
	The appliance being in every possible position during the test, except that		P
	appliances normally used on the floor and having a mass exceeding 40 kg are not tilted		N/A
	The force on the probe in the straight position is increased to 10 N when probe 18 is used		P
	When using test probe 18 the appliance is fully assembled as in normal use without any parts removed, and		P
	parts intended to be removed for user maintenance are also not removed		P
8.2	Compliance is checked by applying the test probes of EN 61032		P
	For built-in appliances and fixed appliances, the test probe B and probe 18 of EN 61032 are applied only after installation		N/A

IEC 60335-2-15			
Clause	Requirement + Test	Result - Remark	Verdict
11.Z101	For coffee makers, milk heaters, egg boilers, cooking pans, slow cookers, steam cookers, pressure cookers, wash boilers, rice cookers, glue pots with a water jacket, livestock feed boilers, sterilizers, soy milk makers, tea makers, kettles and other appliances for boiling water, having a rated capacity not exceeding 10 l, the temperature rise limits in Table Z101 apply. (EN 60335-2-15)		P
	The appliance is supplied at rated voltage and operated under normal operation. (EN 60335-2-15)		P
	Temperature rises are not measured on (60335-2-15)		P
	– the lids,		N/A
	– surfaces within 25 mm from <ul style="list-style-type: none"> • the edge of the lid, • the ventilation openings, • the edge of the hot functional surface, 		P
	– enclosure at a distance within 25 mm from the heating element,		P
	– underside surfaces that are not accessible with probe 41 of EN 61032. The probe is applied without appreciable force.		P
11.Z102	For feeding-bottle heaters and yoghurt makers the temperature rise limits in Table Z101 apply. (EN 60335-2-15)		N/A
	The appliance is supplied at rated voltage and operated under normal operation. (EN 60335-2-15)		N/A
15.1.2	Appliances with an automatic cord reel tested with the cord in the most unfavourable position so that the reeling of the wet cord may affect electrical insulation during operation, the cord not being dried before reeling		N/A
20.2	When using the test probe similar to test probe B with a circular stop face, the accessories and detachable covers are removed		N/A
	Test probe 18 applied with a force of 2,5N on the appliance fully assembled		N/A
22.40	Appliances except eggs boilers, feeding bottle heaters, yogurt makers and slow cookers shall be fitted with an accessible switch or other means to stop operational functions of the appliance. (EN 60335-2-15)		N/A

IEC 60335-2-15			
Clause	Requirement + Test	Result - Remark	Verdict
24.1	Components comply with the safety requirements specified in the relevant standards as far as they reasonably apply		P
	The requirements of Clause 29 of this standard apply between live parts of components and accessible parts of the appliance.		P
	The requirements of 30.2 of this standard apply to parts of non-metallic material in components including parts of non-metallic material supporting current-carrying connections inside components		P
	Components that have not been previously tested or do not comply with the standard for the relevant component are tested according to the requirements of 30.2		P
	Components that have been previously tested and shown to comply with the resistance to fire requirements in the standard for the relevant component need not be retested provided that:		N/A
	- the severity specified in the component standard is not less than the severity specified in 30.2, and		N/A
	- the test report for the component states whether it complied with the standard for the relevant component with or without flame, flames not exceeding 2 s during the test are ignored		N/A
	Unless components have been previously tested and found to comply with the relevant standard for the number of cycles specified, they are tested in accordance with 24.1.1 to 24.1.9		P
	For components mentioned in 24.1.1 to 24.1.9, no additional tests specified in the relevant standard for the component are necessary other than those specified in 24.1.1 to 24.1.9		P
	Components that have not been separately tested and found to comply with the relevant standard, and		P
	components that are not marked or not used in accordance with their marking,		P
	are tested in accordance with the conditions occurring in the appliance, the number of samples being that required by the relevant standard		N/A
	Lamp holders and starter holders that have not been previously tested and found to comply with the relevant standard are tested as a part of the appliance and additionally comply with the gauging and interchangeability requirements of the relevant standard under the conditions occurring in the appliance		N/A

IEC 60335-2-15			
Clause	Requirement + Test	Result - Remark	Verdict
	Where the relevant standard specifies these gauging and interchangeability requirements at elevated temperatures, the temperatures measured during the tests of Clause 11 are used		N/A
	Plugs and socket-outlets and other connecting devices of interconnection cords are not interchangeable with plugs and socket-outlets listed in IEC/TR 60083 or IEC 60906-1, or		N/A
	with connectors and appliance inlets complying with the standard sheets of IEC 60320-1,		N/A
	if direct supply to these parts from the supply mains gives rise to a hazard		N/A
24.1.7	If the remote operation of the appliance is via a telecommunication network, the relevant standard for the telecommunication interface circuitry in the appliance is EN 41003		N/A
	Compliance with Clause 8 of this standard is not impaired by connecting the appliance to a device covered by EN 41003		N/A
24.Z1	For motor running capacitors (IEC 60252-1 type P2) with a metallic enclosure having an overpressure fuse the flame testing of internal plastic parts supporting current carrying connections as required in 30.2.2 and 30.2.3.1 is not necessary		N/A
25.6	Supply cords of single-phase portable appliances having a rated current not exceeding 16 A, fitted with a plug complying with the following standard sheets of IEC/TR 60083:		P
	- for Class I appliances: standard sheet C2b, C3b or C4	C4	P
	- for Class II appliances: standard sheet C5 or C6		N/A
25.7	Rubber sheathed cords (60245 IEC 53) are not suitable for appliances intended to be used outdoors or when they are liable to be exposed to significant amount of ultraviolet radiation		N/A
	Halogen-free thermoplastic compound sheathed supply cords have properties at least those of:		N/A
	<ul style="list-style-type: none"> halogen-free thermoplastic compound sheathed cords (H03Z1Z1H2-F or H03Z1Z1-F), for appliances having a mass not exceeding 3 kg 		N/A
	<ul style="list-style-type: none"> halogen-free thermoplastic compound sheathed cords (H05Z1Z1H2-F or H05Z1Z1-F), for other appliances 		N/A

IEC 60335-2-15			
Clause	Requirement + Test	Result - Remark	Verdict
	Cross-linked halogen-free compound sheathed supply cords have properties at least those of cross-linked halogen-free compound sheathed cords (H07ZZ-F)		N/A
26.11	Conductors connected by soldering are not considered to be positioned or fixed so that reliance is not placed upon the soldering alone to maintain them in position unless they are held in place near the terminals independently of the solder		N/A
29.3.Z1	Appliance constructed so that if there is a possibility of damaging the insulation during installation, the insulation withstands the scratch and penetration test of 21.2		N/A
32	Compliance regarding electromagnetic fields is checked according to EN 62233		P
Annex I, 19.1.101	The appliance is supplied at rated voltage and operated under normal operation with each of the fault conditions specified		N/A
	The duration of the test is as specified in 19.7		N/A

ZA	ANNEX ZA (NORMATIVE) SPECIAL NATIONAL CONDITIONS		--
	Norway		N/A
19.5	The test is also applicable to appliances intended to be permanently connected to fixed wiring		N/A
	Norway		N/A
22.2	The second paragraph of this subclause, dealing with single-phase, permanently connected class I appliances having heating elements, is not applicable due to the supply system		N/A
	All CENELEC countries		--
25.6 and 25.25	Information concerning National plug and socket-outlets is available from the CENELEC website. Normative national requirements concerning plug and socket-outlets are shown in the relevant National standard		P
	Ireland and United Kingdom		N/A
25.8	In the table, the lines for >10 A and ≤16 A are replaced by:		N/A

IEC 60335-2-15			
Clause	Requirement + Test	Result - Remark	Verdict
	> 10 and ≤ 13 1,25 (1,0) ^b		N/A
	> 13 and ≤ 16 1,5 (1,0) ^b		N/A
ZB	ANNEX ZB (INFORMATIVE) A-DEVIATIONS		--
	Ireland		N/A
25.6	These regulations apply to all plugs for domestic use at a voltage of not less than 200 V and in general allow only plugs complying with I.S. 401:1997, or equivalent, to be fitted to domestic appliances		N/A
	United Kingdom		P
25.6	These regulations apply to all plugs for domestic use at a voltage of not less than 200 V and in general allow only plugs to BS 1363 to be fitted to domestic appliances. It also allows plugs to BS 4573 and EN 50075 to be fitted to shavers and toothbrushes		P
ZC	ANNEX ZC (NORMATIVE) NORMATIVE REFERENCES TO INTERNATIONAL PUBLICATIONS WITH THEIR CORRESPONDING EUROPEAN PUBLICATIONS		N/A
	A list of referenced documents in this standard		N/A
ZD	ANNEX ZD (INFORMATIVE) IEC and CENELEC CODE DESIGNATIONS FOR FLEXIBLE CORDS		P
	A table with IEC and CENELEC code designations for flexible cords		P
ZE	ANNEX ZE (INFORMATIVE) SPECIFIC ADDITIONAL REQUIREMENTS FOR APPLIANCES AND MACHINES INTENDED FOR COMMERCIAL USE		N/A
7.1	Business name and full address of the manufacturer and, where applicable, his authorized representative.....:		N/A
	Model or type reference		N/A
	Serial number, if any		N/A
	Production year		N/A
	Designation of the appliance		N/A

IEC 60335-2-15			
Clause	Requirement + Test	Result - Remark	Verdict
7.12	Instructions provided with the appliance so that the appliance can be used safely		N/A
	The instructions contain at least the following information:		N/A
	- the business name and full address of the manufacturer and, where applicable, his authorized representative		N/A
	- model or type reference of the appliance as marked on the appliance itself, except for the serial number		N/A
	- the designation of the appliance together with its explanation in case it is given by a combination of letters and/or numbers		N/A
	- the general description of the appliance, when needed due to the complexity of the appliance		N/A
	- specific precautions if required during installation, operation, adjusting, user maintenance, cleaning, repairing or moving		N/A
	- when needed drawings, diagrams, descriptions and explanations necessary for the safe use and user maintenance of the appliance		N/A
	- the possible reasonably foreseeable misuse and, whenever relevant, a warning against the effects it may have on the safe use of the appliance		N/A
	The words "Original instructions" appear on the language version(s) verified by the manufacturer or by the authorized representative		N/A
	When a translation of the original instructions has been provided by a person introducing the appliance on the market; the meaning of the sentence "Translation of the original instructions" appear in the relevant instructions delivered with the appliance		N/A
	The instructions for maintenance/service to be done by specialized personnel, mandated by the manufacturer or the authorized representative may be supplied in only one Community language which the specialized personnel understand		N/A
	The instructions indicate the type and frequency of inspections and maintenance required for safe operation including the preventive maintenance measures		N/A
7.12.ZE1	If needed for specific appliances, the following information to be given:		N/A

IEC 60335-2-15			
Clause	Requirement + Test	Result - Remark	Verdict
	<ul style="list-style-type: none"> on use, transportation, assembly, dismantling when out of service, testing or foreseeable breakdowns, if these operations have consequences on stability of the appliance in order to avoid overturning, falling or uncontrolled movements of the appliance or of its component parts 		N/A
	<ul style="list-style-type: none"> on how to maintain adequate mechanical stability when in use, during transportation, assembly, dismantling, scrapping and any other action involving the appliance 		N/A
	<ul style="list-style-type: none"> on the protective measures to be taken by the user, including, where appropriate, the personal protective equipment to be provided 		N/A
	<ul style="list-style-type: none"> on the operating method to be followed in the event of accident or breakdown; if a blockage is likely to occur the operating method to safely unblock the appliance 		N/A
	<ul style="list-style-type: none"> on the specifications on the spare parts to be used, when these affect the health and safety of the operator 		N/A
	<ul style="list-style-type: none"> on airborne noise emissions, determined and declared in accordance with the relevant Part 2, which includes: 		N/A
	- the A-weighted emission sound pressure level at workstations, where this exceeds 70 dB(A)		N/A
	- where this level does not exceed 70 dB(A), this fact is indicated		N/A
	- the peak C-weighted instantaneous sound pressure value at workstations, where this exceeds 63 Pa (130 dB in relation to 20 μ Pa).....:		N/A
	- the A-weighted sound power level emitted by the machinery, where the A-weighted emission sound pressure level at workstations exceeds 80 dB(A).....:		N/A
7.12.ZE2	The instructions includes a warning to disconnect the appliance from its power source during service and when replacing parts		N/A
	If the removal of the plug is foreseen, it is clearly indicated that the removal of the plug has to be such that an operator can check from any of the points to which he has access that the plug remains removed		N/A

IEC 60335-2-15			
Clause	Requirement + Test	Result - Remark	Verdict
	If this is not possible, due to the construction of the appliance or its installation, a disconnection with a locking system in the isolated position is provided		N/A
19.11.4.8	The appliance continues to operate, without causing any hazard to the user, from the same point in its operating cycle at which the voltage fluctuation occurred, or		N/A
	a manual operation is required to restart it		N/A
20.1	Appliances and their components and fittings have adequate mechanical stability during transportation, assembly, dismantling and any other action involving the appliance		N/A
20.2	Dangerous moving transmission parts safeguarded either by design or guards		N/A
	When guards are used, they are fixed guards, interlocking movable guards or protective devices		N/A
	Moving parts directly involved in the function of the appliance which cannot be made completely inaccessible fitted with:		N/A
	- fixed guards or interlocking movable guards preventing access to those sections of the parts that are not used in the work, and		N/A
	- adjustable guards restricting access to those sections of the moving parts where access is necessary		N/A
	Interlocking movable guards used where frequent access is required		N/A
21.1	Appliances and their components and fittings have adequate mechanical strength and is constructed to withstand such rough handling that may be expected in normal use, during transportation, assembly, dismantling, scrapping and any other action involving the appliance		N/A
22.ZE.1	For appliances provided with a seat, the seat gives adequate stability		N/A
	The distance between the seat and the control devices capable of being adapted to the operator		N/A
22.ZE.2	For appliances provided with separate devices for the start and the stop functions, the stop function is unambiguously identifiable and does always override the start function		N/A
	For appliances provided with one device performing the start and the stop function, the stop function is unambiguously identifiable and does always override the start function		N/A

IEC 60335-2-15			
Clause	Requirement + Test	Result - Remark	Verdict
22.ZE.3	Appliances designed in such a way that incorrect mounting is avoided, if this can lead to an unsafe situation		N/A
	If this is not possible, information on the correct mounting is given directly on the part and/or the enclosure		N/A
22.ZE.4	Where the weight, size or shape prevents appliances from being moved manually, they are fitted with attachments for lifting gear, or		N/A
	so designed that they can be fitted with such attachments, or		N/A
	be shaped in such a way that standard lifting gear can easily be used		N/A
	Appliances to be moved manually are constructed or equipped so that they can be moved easily and safely		N/A
22.ZE.5	The fixing systems of fixed guards which prevent access to dangerous moving transmission parts only removable with the use of tools		N/A
	If such guards have to be removed by the user for routine cleaning or maintenance their fixing systems remain attached to the fixed guards or to the machine after removal		N/A
	Where possible, guards are incapable of remaining in place without their fixings		N/A
	This does not apply if, after removal of the screws, or if the component is incorrectly repositioned, the appliance becomes inoperative		N/A
	Movable guards are interlocked		N/A
	The interlocking devices prevent the start of hazardous appliance functions until the guards are fixed in their position, and give a stop command whenever they are no longer closed		N/A
	Where it is possible for an operator to reach the danger zone before the risk due to hazardous appliance functions has ceased, movable guards associated with a guard locking device in addition to an interlocking device that:		N/A
	- prevents the start of hazardous appliance functions until the guard is closed and locked, and		N/A
	- keeps the guard closed and locked until the risk of injury from the hazardous appliance functions has ceased		N/A
	Interlocking movable guards remain attached to the appliance when open, and		N/A

IEC 60335-2-15			
Clause	Requirement + Test	Result - Remark	Verdict
	they are designed and constructed in such a way that they can be adjusted only by means of an intentional action		N/A
22.ZE.6	Interlocking movable guards designed in such a way that the absence or failure of one of their components prevents starting or stops the hazardous appliance functions		N/A
	The guard is opened to the extent needed to cause the interlocking to operate and is then closed, the number of operations being defined in the specific Part 2		N/A
	After this test any defect that may be expected in normal use is applied to the interlock system, including interruption of the supply, only one defect being simulated at a time		N/A
	After these tests the interlock system is fit for further use		N/A
22.ZE.7	Adjustable guards restricting access to areas of the moving parts strictly necessary for the work are:		N/A
	- adjustable manually or automatically, depending on the type of work involved, and		N/A
	- readily adjustable without the use of tools		N/A
22.ZE.8	In case of interruption, re-establishment after an interruption or fluctuation in whatever manner of the power supply, the appliance does not restart		N/A
	However, automatic restarting of the operation is allowed if the appliance may continue to operate, without causing any hazard to the user, from the same point in its operating cycle at which the voltage interruption or fluctuation occurred		N/A
22.ZE.9	Appliances fitted with means to isolate them from all energy sources		N/A
	Such isolators are clearly identified, and		N/A
	they are capable of being locked if reconnection endanger persons		N/A
	After the energy source is disconnected, it is possible to dissipate any energy remaining or stored in the circuits of the appliance without risk to persons		N/A
ZF	ANNEX ZF (INFORMATIVE) CRITERIA APPLIED FOR THE ALLOCATION OF PRODUCTS COVERED BY STANDARDS IN THE EN 60335 SERIES UNDER LVD OR MD		P

IEC 60335-2-15			
Clause	Requirement + Test	Result - Remark	Verdict
	List of standards under CENELEC/TC61 with the allocation under the LVD (Low Voltage Directive) or the MD (Machinery Directive).....:	LVD	P
ZG	ANNEX ZG (NORMATIVE) UV APPLIANCES		N/A
	The following modifications to this standard apply to appliances having UV emitters		N/A
	This annex is not applicable to appliances covered by the scopes of IEC 60335-2-27, IEC 60335-2-59 or IEC 60335-2-109		N/A
7.12.ZG	The instructions for appliances incorporating UVC emitters include the substance of the following: WARNING — This appliance contains a UV emitter. Do not stare at the light source		N/A
32	For appliances incorporating UV emitters the manufacturer delivers a declaration providing evidence that the plastic material exposed to the radiation is UV resistant		N/A
ZZ	ANNEX ZZ (INFORMATIVE) COVERAGE OF ESSENTIAL REQUIREMENTS OF EC DIRECTIVES		P
	Description of the relation between this European standard and the LVD and the MD	LVD	P

A13:2017 of EN 60335-1:2012			
Clause	Requirement – Test	Result – Remark	Verdict
Annex ZC	Normative references to international publications with their corresponding European publications		P
Annex ZZA	Annex ZZA (informative) Relationship between this European standard and the safety objectives of Directive 2014/35/EU [2014 OJ L96] aimed to be covered		P
Annex ZZB	Annex ZZB (informative) Relationship between this European standard and the essential requirements of Directive 2006/42/EC aimed to be covered		N/A

Annex EN 62233:2008			
EMF- ELECTROMAGNETICS FIELDS			P
	The tested product also complies with the requirements of EN 62233:2008		--
	Limit100 %	Measured max. : 1.227 %	--

IEC 60335-2-15					
Clause	Requirement + Test			Result - Remark	Verdict
24.1	TABLE: Components information				P
Object / part No.	Manufacturer/ trademark	Type / model	Technical data	Standard	Mark(s) of conformity ¹⁾
1. Power Cord	Unirise Electric Wire & Cable Co., Ltd.	H05RN-F	3G 0,75 mm ² (length <2m) 3G 1,0 mm ²	DIN VDE0282-4	VDE
Alternative	Guangdong Huasheng Electrical Appliances Co., Ltd. (WASUNG)	H05RN-F	3G 0,75 mm ² (length <2m) 3G 1,0 mm ²	DIN VDE0282-4	VDE
Alternative	Lucky United Electric Wire & Cable Co., Ltd.	H05RN-F	3G 0,75 mm ² (length <2m) 3G 1,0 mm ²	DIN VDE0282-4	VDE
Alternative	Zhongshancity Hongshanchuan Polymer Materials Co.,Ltd	H05RN-F	3G 0,75 mm ² (length <2m) 3G 1,0 mm ²	DIN VDE0282-4	VDE
Alternative	New Square Company Ltd	H05RN-F	3G 0,75 mm ² (length <2m) 3G 1,0 mm ²	DIN VDE0282-4	VDE
Alternative	Guangdong Rifeng Electrical Cable Co., Ltd.	H05RN-F	3G 0,75 mm ² (length <2m) 3G 1,0 mm ²	DIN VDE0282-4	VDE
Alternative	Huizhou Mainland Electric Wire & Cable Co., Ltd.	H05RN-F	3G 0,75 mm ² (length <2m) 3G 1,0 mm ²	DIN VDE0282-4	VDE
2. Plug	TOP Resources Co., Ltd.	NR-83	AC 250V, 16 A	DIN VDE 0620	VDE
Alternative	Unirise Electric Wire & Cable Co., Ltd.	UE-312	AC 250V, 16 A	DIV VDE 0620	VDE
Alternative	Zhongshan Rifeng Bectric Cable Co.,Ltd	RF-01	AC 250V, 16 A	DIV VDE 0620	VDE
Alternative	Guangzhou Huan Qiu Electrical&Appliance Co., Ltd	HQ-B301	AC 250V, 16 A	DIN VDE 0620	VDE
Alternative	Guangdong Huasheng Electrical Appliances Co., Ltd. (WASUNG)	CT-104	AC 250V, 16 A	DIN VDE 0620	VDE
Alternative	Sheng Yi Electrical Factory	SY-22	AC 250V, 16 A	DIN VDE 0620	VDE
Alternative	Huizhou Mainland Electric Wire &Cable Co.LTD	ML-302	AC 250 V, 16 A	DIN VDE 0620	VDE
Alternative	Kai Hua Electric Appliance Co., Ltd	KH-9902	AC 250V, 16 A	DIN VDE 0620	VDE
Alternative	Zhong Shan Kenda Electrical Factory	KDDT-283	AC 250V, 16 A	DIN VDE 0620	VDE
Alternative	Zhong shan Aoli Electrical	AL-032	AC 250V, 16 A	DIN VDE 0620	VDE

IEC 60335-2-15					
Clause	Requirement + Test	Result - Remark			Verdict
Alternative	Zhongshan Guzhen Hong li Cable	HL-5B	AC 250V, 16 A	DIN VDE 0620	VDE
Alternative	New Square Company Ltd	NS-13	AC 250V, 16 A	DIN VDE 0620	VDE
Alternative	Zhong shan Xiaolan Qiangli	QC-002	AC 250V, 16 A	DIN VDE 0620	VDE
Alternative	Kenic Electric MFG Co., Ltd.	KE-23	AC 250V, 16 A	DIN VDE 0620	VDE
Alternative	Hong Shan Chuan Industry (Shen Zhen) Co., Ltd.	HSC-403	AC 250V, 16 A	DIN VDE 0620	VDE
Alternative	MAINLAND ELECTRIC WIRE & CABLE CO., LTD.	ML-302	AC 250V, 16 A	DIN VDE 0620	VDE
2.1 BS plug	Foshan Anden Industry Co., Ltd.	DL-203	AC 250 V, 13 A	BS 1363	BSI
Alternative	Hangzhou Hongshi Electrical Limited (Hangzhou Fuyang General Tools Fact)	SW 168	AC 250 V, 13 A	BS 1363	BSI
Alternative	DO Luo Chang Le Metal Plastic Co.,Ltd	HEC-168	AC 250 V, 13 A	BS 1363	BSI
Alternative	De-Chang Electronic Manufactory	DC-168A	AC 250 V, 13 A	BS 1363	BEAB 846
Alternative	Guangzhou Huan Qiu Electrical & Appliance Co.,Ltd	HQ-BS301	AC 250 V, 13 A	BS 1363	BS1024
Alternative	Ming Tak Electrical Wiring Company Limited	NS-17A	AC 250 V, 13 A	BS 1363	ASTA
Alternative	Luen Tai (IP'S) Electrical Mfy	9518	AC 250 V, 13 A	BS 1363	BSI
Alternative	Guangzhou Towell Electrical Appliance Co., Ltd	8802	AC 250 V, 13 A	BS 1363	ASTA
Alternative	Foshan Aeden Industry Co., Ltd.	DXL113A	AC 250 V, 13 A	BS 1363	Nemko P06206179
Alternative	Mainland Electric Wire & Cable Co., Ltd	ML-313	AC 250 V, 13 A	BS 1363	ASTA
Alternative	Guangdong Rifeng Electric Cable co.,Ltd	RF-81	AC 250 V, 13 A	BS 1363	ASTA
Alternative	Guangdong Huasheng Electrical Appliances Co., Ltd. (WASUNG)	CT-308	AC 250 V, 13 A	BS 1363	ASTA
Alternative	Shen Zhen Hong Shan Chuan Industry Co., Ltd.	HSC-601	AC 250 V, 13 A	BS 1363	ASTA
2.2 Swiss plug	Guangzhou Huan Qiu Electrical & Appliance Co. Ltd	HQ-B307	AC 250V, 10A	SEV 1011:2009	SEV
Alternative	Kaibo Wire&Cable Co.,Ltd	KB-312	AC 250V, 10A	SEV 1011:2009	SEV

IEC 60335-2-15					
Clause	Requirement + Test	Result - Remark			Verdict
Alternative	New Square Company Ltd	NS-19A	AC250V,10A	SEV 1011:2009	SEV
Alternative	Dong guan city Sheng Yi Electrical Co., Ltd	SY-93	AC 250V, 10A	SEV 1011:2009	ESTI
Alternative	Shunde Huasheng Electrical Appliances Co., Ltd.	CT-110	AC 250V, 10A	SEV 1011:2009	ESTI
Alternative	New Square Company Ltd	NS-19	AC 250V, 10A	SEV 1011:2009	ESTI
Alternative	Shunde Huasheng Electrical Appliances Co., Ltd. (WASUNG)	CT-110	AC 250V, 10A	SEV 1011:2009	ESTI
Alternative	Mainland Electric Wire & Cable Co., Ltd	ML-317	AC 250V, 10A	SEV 1011:2009	ESTI
Alternative	Zhong Shan Hong Shan Chuan Electrical Equipment Industrial Co., Ltd	HSC-402	AC 250V, 10A	SEV 1011:2009	ESTI
Alternative	Zhong Shan HongShan Chuan Polymer Materials Co.,Ltd	HSC-402	AC 250V, 10A	SEV 1011:2009	ESTI
3. Thermostat	Foshan Gaoming XITe Electrical Co.,Ltd	KST201A	AC250V,10A, 4E4,Tf: 175 °C, Tmax:240 °C	EN 60730-1 EN 60730-2-9	VDE
Alternative	FOSHAN CITY SHUNDE DISTRICT HUIERJIA HOUSEHOLD ELECTRICAL CO.,LTD	HEJ	AC250V,15A, 3E4,Tf: 175 °C, Tmax:250 °C	EN 60730-1 EN 60730-2-9	TUV Rh
4. Thermal link	NEC SCHOTT Cmponents Corporation	SF-240E	AC250V,10A Tf=240°C	EN 60691	VDE
Alternative	Zhongshan DongLiYa Electronics Co,Ltd	DSF240	AC250V,10A Tf=240°C	EN 60691	VDE
Alternative	Zhongshan sheng Ping Thermal Protectors Co.,Ltd	SPF240	AC250V,10A Tf=240°C	EN 60691	VDE
Alternative	Aupo Electronics Ltd	RY 240 / BF 240	AC250V,10A Tf=240°C	EN 60691	VDE
Alternative	Therm-O-Disc Europe B.V	G4A00240	AC250V,10A Tf=240°C	EN 60691	VDE
Alternative	Foshan Gaoming Xi Te Electrical Co.,Ltd	RY-01E240	AC250V,10A Tf=240°C	EN 60691	TUV RH
Alternative	NEC SCHOTT Cmponents Corporation	SF-240R0	AC250V,15A Tf=240°C	EN 60691	VDE
5. Internal wire	CHORNG HUANG ELECTRIC CO LTD	3122	18-20AWG, 300V, 200°C	EN 60335-1 EN 60335-2-9 EN 60335-2-13 EN 60335-2-15	Tested with appliance UL E124980

IEC 60335-2-15					
Clause	Requirement + Test			Result - Remark	Verdict
Alternative	GUANGZHOU JIN-YING SPECIAL WIRE FACTORY	3122	18-20AWG, 300V, 200°C	EN 60335-1 EN 60335-2-9 EN 60335-2-13 EN 60335-2-15	Tested with appliance UL E192725
Alternative	WUXI HUACHENG CABLE CO LTD	3122	18-20AWG, 300V, 200°C	EN 60335-1 EN 60335-2-9 EN 60335-2-13 EN 60335-2-15	Tested with appliance UL E206992
Alternative	SHENZHEN MYSUN INSULATION MATERIALS CO LTD	3122	18-20AWG, 300V, 200°C	EN 60335-1 EN 60335-2-9 EN 60335-2-13 EN 60335-2-15	Tested with appliance UL E239689
Alternative	HUADU XIN MIN SILICONE RUBBER WIRE FACTORY	3122	18-20AWG, 300V, 200°C	EN 60335-1 EN 60335-2-9 EN 60335-2-13 EN 60335-2-15	Tested with appliance UL E226249
Alternative	ZHONG SHAN KENDA ELECTRICAL FACTORY	3122	18-20AWG, 300V, 200°C	EN 60335-1 EN 60335-2-9 EN 60335-2-13 EN 60335-2-15	Tested with appliance UL E216895
Alternative	POWER ACT ENTERPRISES LTD	3122	18-20AWG, 300V, 200°C	EN 60335-1 EN 60335-2-9 EN 60335-2-13 EN 60335-2-15	Tested with appliance UL E310829
Alternative	QIFURUI ELECTRONICS CO	3122	18-20AWG, 300V, 200°C	EN 60335-1 EN 60335-2-9 EN 60335-2-13 EN 60335-2-15	Tested with appliance UL E211048
Alternative	POWER ACT ENTERPRISES LTD	3122	18-20AWG, 300V, 200°C	EN 60335-1 EN 60335-2-9 EN 60335-2-13 EN 60335-2-15	Tested with appliance UL E310829
Alternative	JIANGYIN SHENGDE SPECIAL WIRE & CABLE CO LTD	3122	18-20AWG, 300V, 200°C	EN 60335-1 EN 60335-2-9 EN 60335-2-13 EN 60335-2-15	Tested with appliance UL E302077
6. Heating element	Shunde Huijia Household Electric Co.,Ltd	-	Marked:230V, 1500W	EN 60335-1 EN 60335-2-9 EN 60335-2-13 EN 60335-2-15	Tested with appliance
7. Heat shrinkable tube	GUANGZHOU KAIHENG	K-102 (CB)	300V, 125°C, Thickness: 0.6mm	EN 60335-1 EN 60335-2-9 EN 60335-2-13 EN 60335-2-15	Tested with appliance UL E321827
Alternative	GUANGDONG FOSHAN CITY SHUNDE QIAOCHENG	2753-3	300V, T125, Thickness: 0.6mm	EN 60335-1 EN 60335-2-9 EN 60335-2-13 EN 60335-2-15	Tested with appliance UL E238534

IEC 60335-2-15					
Clause	Requirement + Test			Result - Remark	Verdict
Alternative	GUANGZHOU KAIHENG NEW MATERIAL CO LTD	K-102 (CB)	300V, T125, Thickness: 0.6mm	EN 60335-1 EN 60335-2-9 EN 60335-2-13 EN 60335-2-15	Tested with appliance UL E321827
Alternative	CHANGYUAN ELECTRONICS GROUP CO LTD	CB-HFT, CB-HFT(XY)	600V, T125,	EN 60335-1 EN 60335-2-9 EN 60335-2-13 EN 60335-2-15	Tested with appliance UL E180908
Alternative	SHENZHEN WOER HEAT- SHRINKABLE MATERIAL CO LTD	RSFR-H	600V, T125, Thickness: 0.6mm	EN 60335-1 EN 60335-2-9 EN 60335-2-13 EN 60335-2-15	Tested with appliance UL E203950
Alternative	DONGGUAN SALIPT CO LTD	SALIPT S- 901-600	600V, T125, Thickness: 0.6mm	EN 60335-1 EN 60335-2-9 EN 60335-2-13 EN 60335-2-15	Tested with appliance UL E209436
8. Internal wiring to lamp	CHORNG HUANG ELECTRIC CO LTD	3122/1332	22-24AWG, 300V, 200°C	EN 60335-1 EN 60335-2-9 EN 60335-2-13 EN 60335-2-15	Tested with appliance UL E124980
Alternative	GUANGZHOU JIN-YING SPECIAL WIRE FACTORY	3122/1332	22-24AWG, 300V, 200°C	EN 60335-1 EN 60335-2-9 EN 60335-2-13 EN 60335-2-15	Tested with appliance UL E192725
Alternative	WUXI HUACHENG CABLE CO LTD	3122	22-24AWG, 300V, 200°C	EN 60335-1 EN 60335-2-9 EN 60335-2-13 EN 60335-2-15	Tested with appliance UL E206992
Alternative	HUADU XIN MIN SILICONE RUBBER WIRE FACTORY	3122	22-24AWG, 300V, 200°C	EN 60335-1 EN 60335-2-9 EN 60335-2-13 EN 60335-2-15	Tested with appliance UL E226249
Alternative	QIFURUI ELECTRONICS CO	3122/1332	22-24AWG, 300V, 200°C	EN 60335-1 EN 60335-2-9 EN 60335-2-13 EN 60335-2-15	Tested with appliance UL E211048
Alternative	SHENZHEN MYSUN INSULATION MATERIALS CO LTD	3122/1332	22-24AWG, 300V, 200°C	EN 60335-1 EN 60335-2-9 EN 60335-2-13 EN 60335-2-15	Tested with appliance UL E239689
Alternative	DONGGUAN ZHIHE ELECTRICAL CABLE TECH CO LTD	1332	22-24AWG, 300V, 200°C	EN 60335-1 EN 60335-2-9 EN 60335-2-13 EN 60335-2-15	Tested with appliance UL E258239
Alternative	ZHONG SHAN KENDA ELECTRICAL FACTORY	3122	22-24AWG, 300V, 200°C	EN 60335-1 EN 60335-2-9 EN 60335-2-13 EN 60335-2-15	Tested with appliance UL E216895

IEC 60335-2-15					
Clause	Requirement + Test			Result - Remark	Verdict
Alternative	FUSHAN SHUNDE SPECIAL TYPA WIRE ROD ELECTRONICS CO LTD	3122	22-24AWG, 300V, 200°C	EN 60335-1 EN 60335-2-9 EN 60335-2-13 EN 60335-2-15	Tested with appliance UL E346532
Alternative	POWER ACT ENTERPRISES LTD	3122	22-24AWG, 300V, 200°C	EN 60335-1 EN 60335-2-9 EN 60335-2-13 EN 60335-2-15	Tested with appliance UL E310829
Alternative	JIANGYIN SHENGDE SPECIAL WIRE & CABLE CO LTD	3122	22-24AWG, 300V, 200°C	EN 60335-1 EN 60335-2-9 EN 60335-2-13 EN 60335-2-15	Tested with appliance UL E302077
9. Material of enclosure	Guang zhou Kaijian Plastic Co .,Ltd	101-G15	PA66	EN 60335-1 EN 60335-2-9 EN 60335-2-13 EN 60335-2-15	Tested with appliance
Supplementary information:					
1) Provided evidence ensures the agreed level of compliance. See OD-CB2039.					

--- End of the test report ---